HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET

Hindusthan

College of Engineering and Technology

(An Autonomous Institution Affiliated to Anna University | Approved by AICTE, New Delhi)
Accredited with 'A' Grade by NAAC | Accredited by NBA (ECE, MECH, EEE, IT & CSE)
Valley Campus, Pollachi Highway, Coimbatore 641 032. | www.hicet.ac.in

Stakeholders Feedback
On
Curriculum and Syllabus
Academic Year (2022 – 2023) – Odd Semester

Departments

1. B.E. Aeronautical Engineering
2. B.Tech. Agricultural Engineering
3. B.Tech. Artificial Intelligence & Machine learning
4. B.E. Automobile Engineering
5. B.E. Biomedical Engineering
6. B.E. Civil Engineering
7. B.E. Computer Science Engineering
8. B.E. Electronics and Instrumentation Engineering
9. B.E. Electronics and Communication Engineering
10. B.E. Electrical and Electronics Engineering
11. B.Tech. Food Technology
12. B.Tech. Information Technology
13. B.E. Mechanical Engineering
14. B.E. Mechatronics Engineering
15. B.Tech. Chemical Engineering
16. M.C.A
17. M.B.A
18. Science and Humanities

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Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF AERONAUTICAL ENGINEERING

FEEDBACK ANALYSIS REPORT

2022-2023 (ODD SEM)

DEPARTMENT OF AERONAUTICAL ENGINEERING

STUDENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented	88	40	15	0	143
2.	Extent of course objectives and course outcomes achieved through the syllabus	104	27	12	0	143
3.	Professional and open electives offered in the curriculum of the program	98	30	15	0	143
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	96	34	13	0	143
5.	Profundity of the course content in the syllabus	88	36	19	0	143
6.	Sequence of courses provided in the curriculum	89	35	19	0	143
7.	Syllabus coverage in class by the faculty	108	25	10	0	143
8.	Encouragement by faculty in the learning process	102	25	16	0	143
9.	Teaching-learning process	105	21	17	0	143
10.	Relevance of text books / reference books / e-content recommended in the syllabus	84	35	24	0	143
11.	Availability of learning resources in the central and department library	89	29	25	0	143
12.	Reliability and transparency in the assessment and evaluation process	88	26	29	0	143
13.	Knowledge and perspective gained in the respective program of study	105	20	18	0	143
14.	Components in curriculum to promote entrepreneurship and employability	105	13	25	0	143

Table.2. Consolidated Student Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented	62	28	10	0	100
2.	Extent of course objectives and course outcomes achieved through the syllabus	73	19	8	0	100
3.	Professional and open electives offered in the curriculum of the program	69	21	10	0	100
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	67	24	9	0	100
5.	Profundity of the course content in the syllabus	62	25	13	0	100
6.	Sequence of courses provided in the curriculum	62	25	13	0	100
7.	Syllabus coverage in class by the faculty	76	17	7	0	100
8.	Encouragement by faculty in the learning process	71	17	12	0	100
9.	Teaching-learning process	73	15	12	0	100
10.	Relevance of text books / reference books / e-content recommended in the syllabus	59	24	17	0	100
11.	Availability of learning resources in the central and department library	62	20	17	0	100
12.	Reliability and transparency in the assessment and evaluation process	62	18	20	0	100
13.	Knowledge and perspective gained in the respective program of study	73	14	13	0	100
14.	Components in curriculum to promote entrepreneurship and employability	73	9	17	0	100

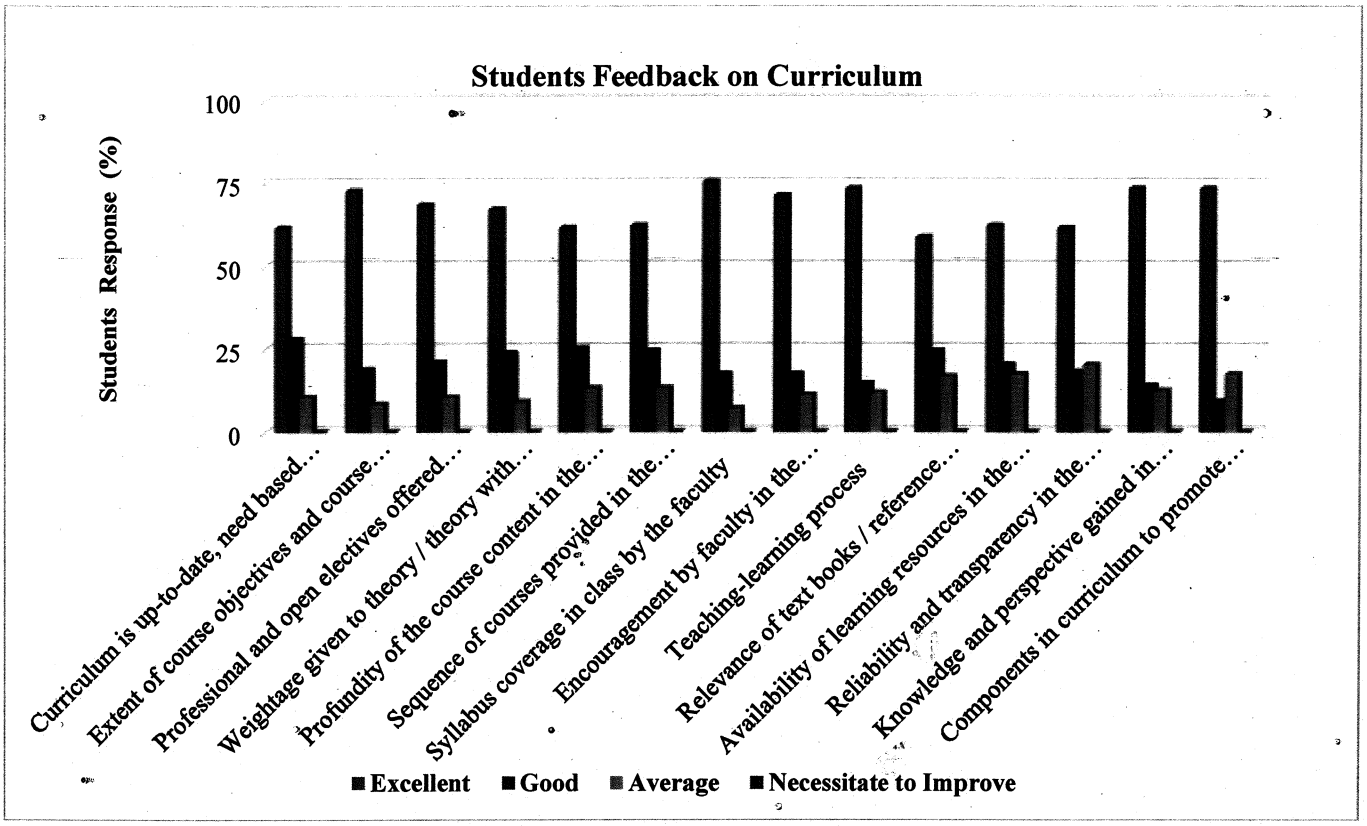


Fig.1. Student's Feedback on Curriculum

REPORT

The student response to feedback on the curriculum was summarized below:

- "Curriculum is up-to-date, need based and application oriented" scored 62%, 28%, and 10% as excellent, good, and average respectively.
- "Course objective & course outcomes are achieved in the syllabus" scored 73%, 19%, and 8% as excellent, good, and average respectively.
- "Professional and open Electives offered are supportive to the core papers" scored 69%, 21%, and 10% as excellent, good, and average respectively.
- "Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content" scored 67%, 24%, and 9% as excellent, good, and average respectively.
- "Profundity of the course content in the syllabus" scored 62%, 25%, and 13% as excellent, good, and average respectively.
- "Exact Sequence of the courses provided in the curriculum" scored 62%, 25%, and 13% as excellent, good, and average respectively.
- "Syllabus coverage in class by the teaching faculty" scored 76%, 17%, and 7% as excellent, good, and average respectively.
- "Faculty Encouragement in learning process" scored 71%, 17%, and 12% as excellent, good, and average respectively.
- "Teaching and learning process enables clear understanding of the course content" scored 73%, 15%, and 12% as excellent, good, and average respectively.

- "Text books/ reference books /e-content recommended in the syllabus are relevant and updated" scored 59%, 24%, and 17% as excellent, good, and average respectively.
- "Availability of library resources in central and departmental library" scored 62%, 20%, and 17% as excellent, good, and average respectively.
- "Reliability of Assessment and Evaluation Process" scored 62%, 18%, and 20% as excellent, good, and average respectively.
- "The syllabus provides sufficient knowledge & perspective in the respective branch" scored 73%, 14%, and 13% as excellent, good, and average respectively.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 73%, 9%, and 17% as excellent, good, and average respectively.

SUGGESTIONS

- Drone technology related courses can be included for placement assistance.

DEPARTMENT OF AERONAUTICAL ENGINEERING

ALUMNI FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Alumni Response						
1	Course objectives and outcomes of the syllabus	56	28	18	0	102
2	Regulations and scheme of examination	48	34	20	0	102
3	Semester-wise course content	54	23	25	0	102
4°	Course content, delivery, methodology and learning resources	52	27	23	0	102
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	55	32	15	0	102
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	48	32	22	0	102
7	Availability of learning resources, text and reference books in the central and department library	47	34	21	0	102

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S. No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Alumni Response						
1	Course objectives and outcomes of the syllabus	55	27	18	0	100
2	Regulations and scheme of examination	47	33	20	0	100
3	Semester-wise course content	53	23	25	0	100
4	Course content, delivery, methodology and learning resources	51	26	23	0	100
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	54	31	15	0	100
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	47	31	22	0	100
7	Availability of learning resources, text and reference books in the central and department library	46	33	21	0	100

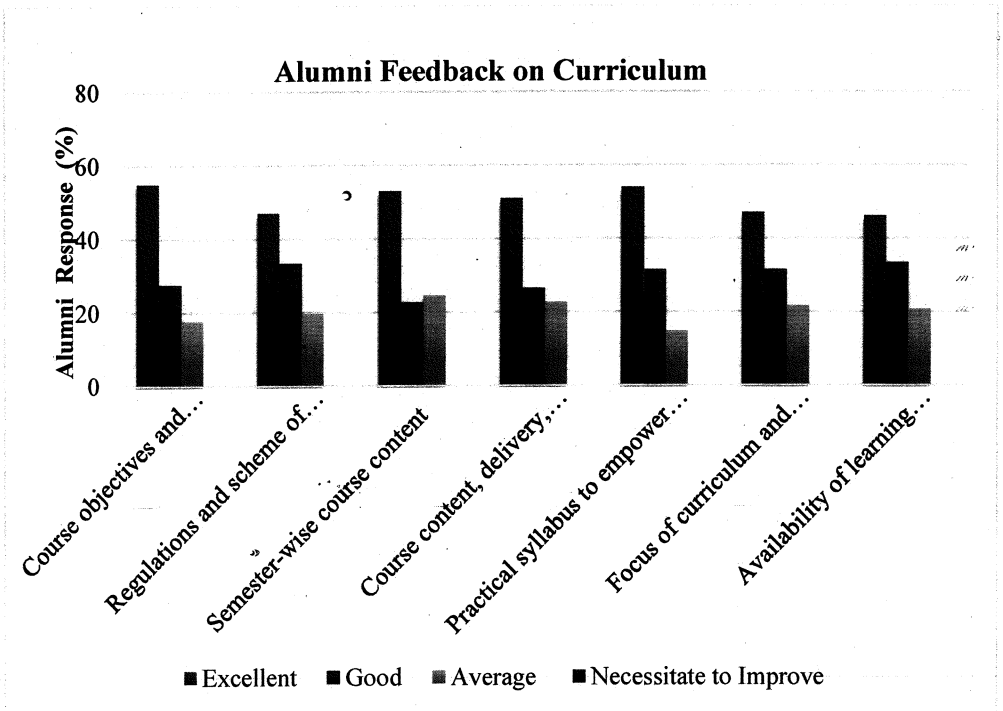


Fig.1. Alumni Feedback on Curriculum

Report:

The Alumni's response to feedback on the curriculum was given below:

- "Course objectives and outcome of the syllabus are clearly defined" scored 55%, 27%, and 18%, as excellent, good, and average respectively.
- "Regulations and Scheme of Examination" scored 47%, 33%, and 20%, as excellent, good, and average respectively.
- "Semester-wise course content" scored 53%, 23%, and 25%, as excellent, good, and average respectively.
- "Content Delivery, Methodology & Learning Resources" scored 51%, 26%, and 23%, as excellent, good, and average respectively.
- "The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 54%, 31%, and 15%, as excellent, good, and average respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 47%, 31%, and 22%, as excellent, good, and average respectively.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 46%, 33%, and 21%, as excellent, good, and average respectively.

SUGGESTIONS:

- Data exploration and problem solving by using PYTHON can be included in curriculum.

DEPARTMENT OF AERONAUTICAL ENGINEERING

PARENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Parent's Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parents Response					
1.	Curriculum, syllabi and course contents to promote self-learning among the students	28	11	7		46
2.	Fairness of faculty in treating students irrespective of their background	27	12	7		46
3.	Reliability and transparency in the assessment and evaluation process of the institution	24	16	6		46
4.	Infrastructure and laboratory facilities to support the curriculum	24	12	10		46
5.	Availability of learning resources, text and reference books in the central and department library	20	12	14		46

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum, syllabi and course contents to promote self-learning among the students	61	24	15	0	100
2.	Fairness of faculty in treating students irrespective of their background	59	26	15	0	100
3.	Reliability and transparency in the assessment and evaluation process of the institution	52	35	13	0	100
4.	Infrastructure and laboratory facilities to support the curriculum	52	26	22	0	100
5.	Availability of learning resources, text and reference books in the central and department library	43	26	30	0	100

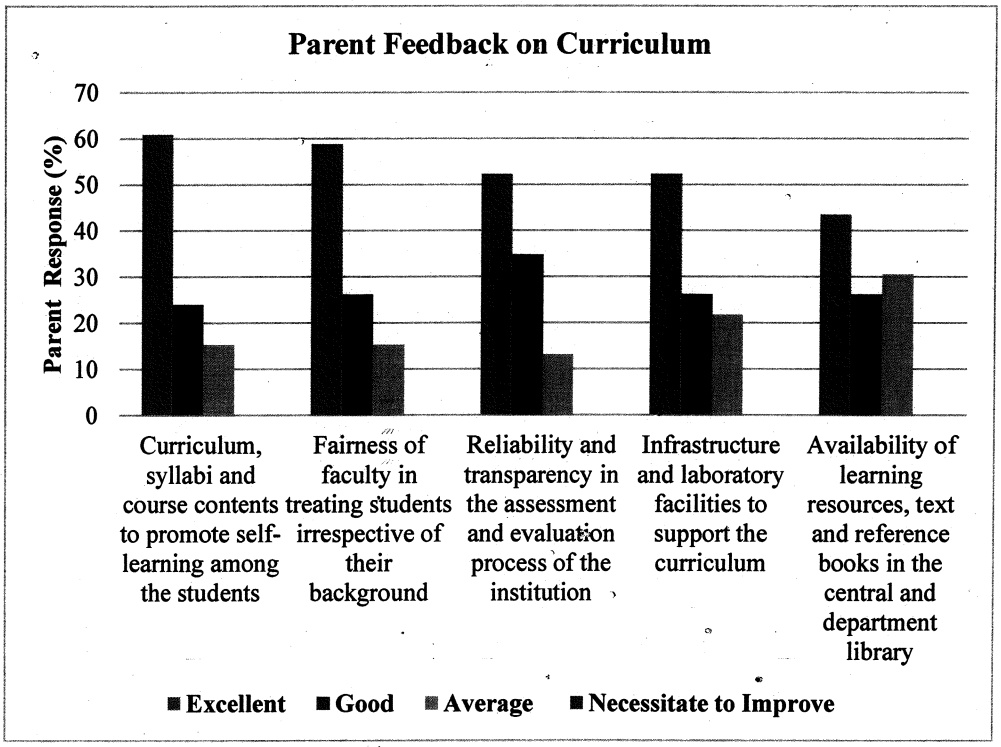


Fig.1. Parent's Feedback on Curriculum

REPORT

The parent's response to feedback on the curriculum was given:

- Syllabus content of the course which promotes the students self-learning" scored 61%, 24%, and 15% as excellent, good, and average respectively.
- Teaching Faculty treat the students equally irrespective of the background" scored 59%, 26%, and 15% as excellent, good, and average respectively.
- Transparency of the evaluation system followed by the Institution" scored 52%, 35%, and 13% as excellent, good, and average respectively.
- Infrastructure and Lab Facility available to support the curriculum" scored 52%, 26%, and 22% as excellent, good, and average respectively.
- Availability of the text and reference books in Central and Department library" scored 43%, 26%, and 30% as excellent, good, and average respectively.

DEPARTMENT OF AERONAUTICAL ENGINEERING

FACULTY FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	16	9	0	0	25
2.	Professional and open electives offered in the curriculum of the program	14	11	0	0	25
3.	Implementation of outcome-based education	18	7	0	0	25
4.	Contribution of course outcomes to the fulfilment of the program outcomes	21	4	0	0	25
5.	Regulations and scheme of examination	18	7	0	0	25
6.	Semester-wise course content	25		0	0	25
7.	Course content, delivery, methodology and learning resources	25	0	0	0	25
8.	Availability of learning resources, text and reference books in the central and department library	22	3	00	0	25

9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	23	2	0	0	25
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	25		0	0	25

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	64	36	0	0	100
2.	Professional and open electives offered in the curriculum of the program	56	44	0	0	100
3.	Implementation of outcome-based education	72	28	0	0	100
4.	Contribution of course outcomes to the fulfilment of the program outcomes	84	16	0	0	100
5.	Regulations and scheme of examination	72	28	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Course content, delivery, methodology and learning resources	100	0	0	0	100
8.	Availability of learning resources, text and reference books in the central and department library	88	12	0	0	100
9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	92	8	0	0	100
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	100	0	0	0	100

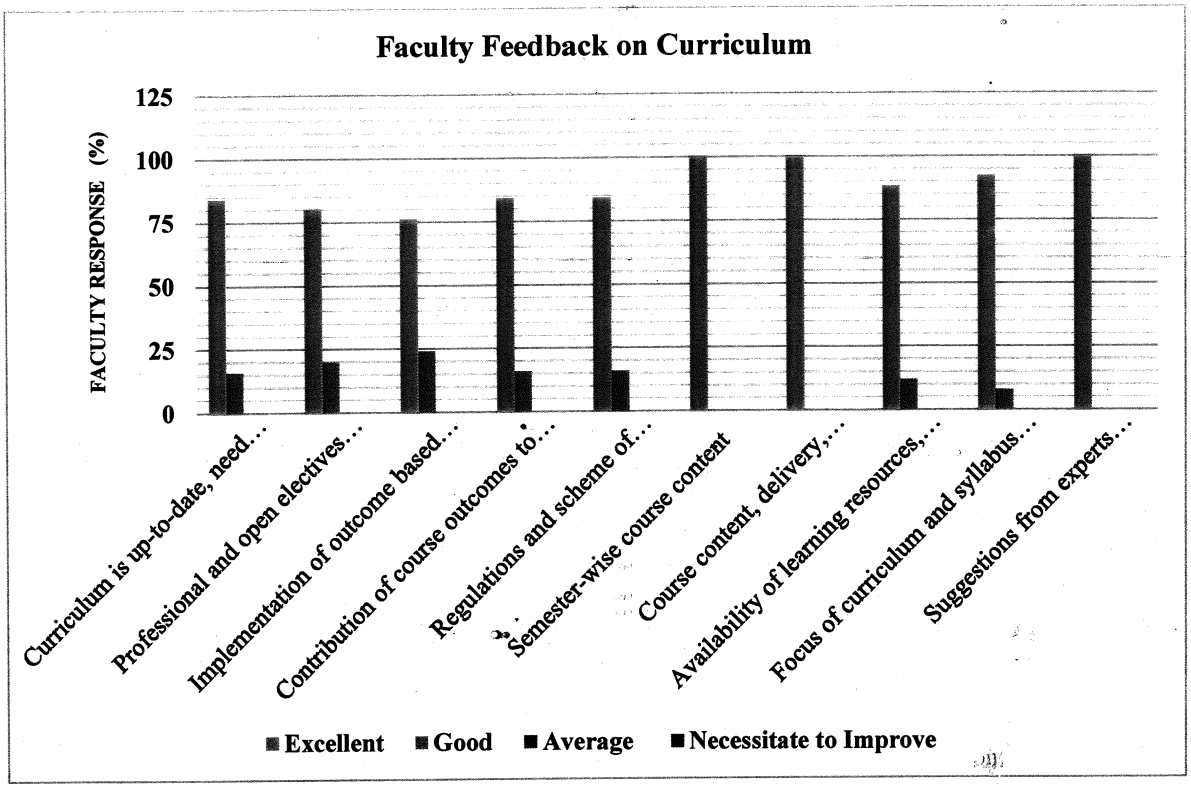


Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

- The syllabus is up-to-date, need based and application oriented" scored 84% as excellent and 16 % as good.
- "Electives offered are supportive to the core papers" scored 80%, and 20% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 76%, and 24% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) scored 84 % as excellent and 16 % as good.
- "Regulations and Scheme of Examination" scored 84%, and 16% as excellent, and good respectively.
- "Semester-wise course content" scored 100 % as excellent.
- "Content Delivery, Methodology and Learning Resources" scored 100 % as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 88%, and 12% as excellent, and good respectively.

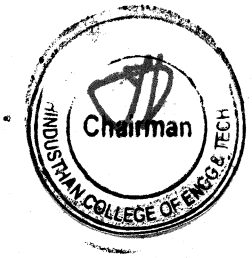
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 92%, and 8% as excellent, and good respectively.
- "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100 % as excellent.

SUGGESTIONS:

- More employability enhancement courses can be discussed

V.T.

Bos Chairmen



Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AGRICULTURAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agriculture Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	2	0	0	7
2.	Implementation of Outcome Based Education	4	3	0	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	4	0	0	7
4.	Offered Courses related to Industry/employability	2	4	1	0	7
5.	Competencies/outcomes in relation to the course content	4	2	1	0	7
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	2	0	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	3	3	1	0	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	2	0	0	7

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	71.43	28.57	0.00	0.00	100
2.	Implementation of Outcome Based Education	57.14	42.86	0.00	0.00	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	42.86	57.14	0.00	0.00	100
4.	Offered Courses related to Industry/employability	28.57	57.14	14.29	0.00	100
5.	Competencies/outcomes in relation to the course content	57.14	28.57	14.29	0.00	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	71.43	28.57	0.00	0.00	100
7.	Curriculum offers a range of professional and open electives/value-added courses	42.86	42.86	14.29	0.00	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	71.43	28.57	0.00	0.00	100

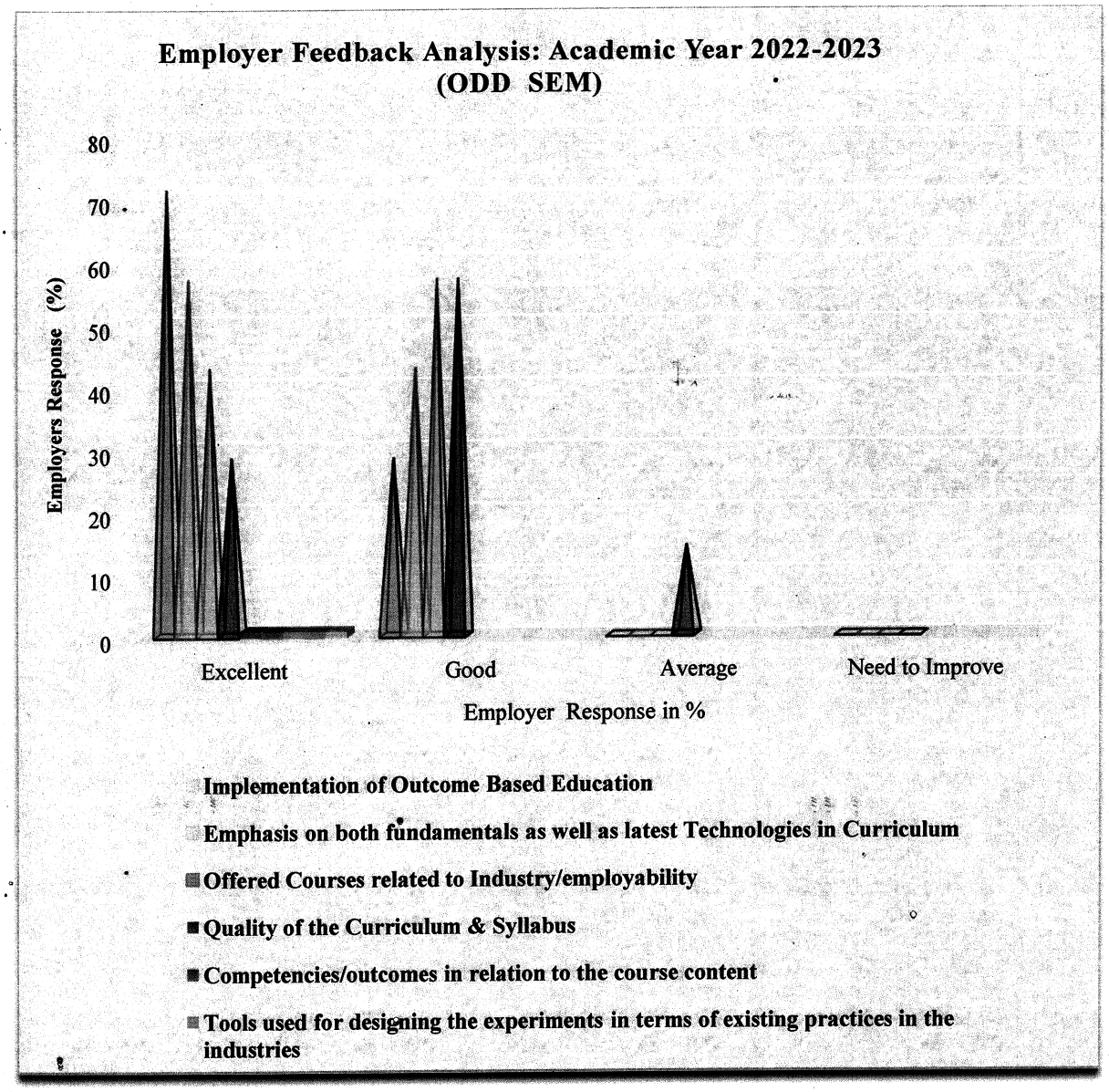


Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, 71.43 percentage of companies are given excellent, 28.57 percentage of the companies are given good.
- Implementation of Outcome Based Education, 57.14 percentage of companies are given excellent, 42.86 percentage of the companies are given good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 42.86 percentage of companies are given excellent, 57.14 percentage of the companies are given good.
- Offered Courses related to Industry/employability, 28.57 percentage of companies are given excellent, 57.14 percentage of the companies are given good, 14.29 percentage of companies are marked as an average.

- Competencies/outcomes in relation to the course content, 57.14 percentage of companies are given excellent, 14.29 percentage of the companies are given good, 18 percentage of companies are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 71.43 percentage of companies are given excellent, 28.57 percentage of the companies are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 42.86 percentage of companies are given excellent, 42.86 percentage of the companies are given good, 14.29 percentage of companies are marked as an average.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 71.43 percentage of companies are given excellent, 28.57 percentage of the companies are given good.

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in Biomaterial and Artificial Organ subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce full stack java development courses
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in big data paper, including virtualization in OS.
- ✓ Include jingo topic in python paper
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
AGRI - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

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B.E/B.Tech- AGRICULTURAL ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agriculture Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	9	0	0	0	9
2.	Electives offered are supportive to the core papers	8	1	0	0	9
3.	Implementation of Outcome Based Education	7	2	0	0	9
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	1	0	0	9
5.	Regulations and Scheme of Examination	7	2	0	0	9
6.	Semester-wise course content	9		0	0	9
7.	Content Delivery, Methodology and Learning Resources	7	2	0	0	9
8.	Availability of library resources supports Text and Reference Books suggested to study	4	2	3	0	9
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	9	0	0	0	9
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	9	0	0	0	9

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100.00	0.00	0.00	0.00	100
2.	Electives offered are supportive to the core papers	88.89	11.11	0.00	0.00	101
3.	Implementation of Outcome Based Education	77.78	22.22	0.00	0.00	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	88.89	11.11	0.00	0.00	100
5.	Regulations and Scheme of Examination	77.78	22.22	0.00	0.00	100
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100
7.	Content Delivery, Methodology and Learning Resources	77.78	22.22	0.00	0.00	100
8.	Availability of library resources supports Text and Reference Books suggested to study	44.44	22.22	33.33	0.00	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100

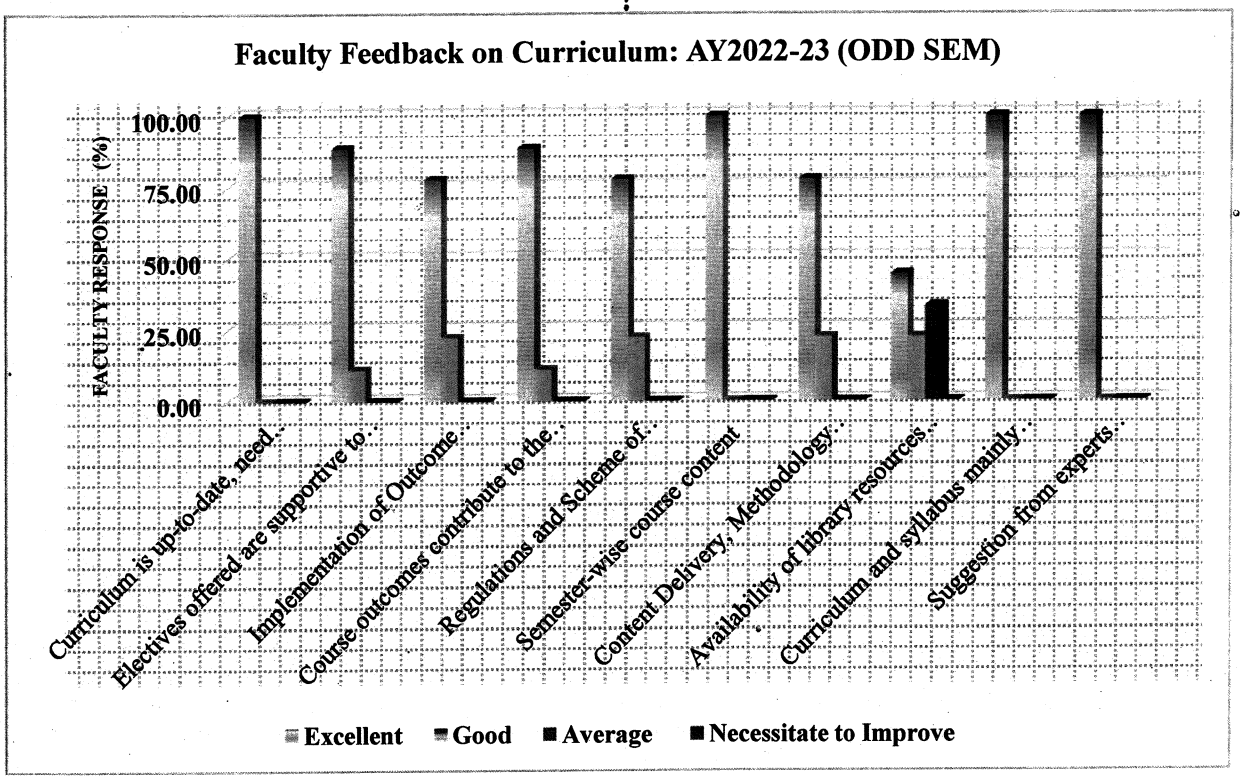

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly praised for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 88.89% of respondents rating it as "Excellent" and 11.11% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 77.78% of respondents considering it "Excellent" and 22.22% as "Good."
- Course outcomes were seen to significantly contribute to the fulfillment of program outcomes (PO), with 88.89% of respondents rating it as "Excellent" and 11.11% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 77.78% of respondents rating it as "Excellent" and 22.22% as "Good."
- The semester-wise course content, content delivery, methodology, and learning

resources all received a full score of 100% "Excellent."

- Regarding the availability of library resources supporting text and reference books suggested for study, 44.44% of respondents rated it as "Excellent," 22.22% as "Good," and 33.33% as "Average."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Suggestions:

- ❖ Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- ❖ Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

Chairman - BoS
AGRI - HiCET

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Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AGRICULTURAL ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agricultural Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	10	4	0	0	14
2.	Teaching Faculty treat the students equally irrespective of the background	12	2	0	0	14
3.	Transparency of the evaluation system followed by the Institution	10	4	0	0	14
4.	Infrastructure and Lab Facility available to support the curriculum.	9	2	3	0	14
5.	Availability of the text and reference books in Central and Department library.	8	3	3	0	14

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	71.43	28.57	0.00	0.00	100
2.	Teaching Faculty treat the students equally irrespective of the background	85.71	14.29	0.00	0.00	100
3.	Transparency of the evaluation system followed by the Institution	71.43	28.57	0.00	0.00	100
4.	Infrastructure and Lab Facility available to support the curriculum.	64.29	14.29	21.43	0.00	100
5.	Availability of the text and reference books in Central and Department library.	57.14	21.43	21.43	0.00	100

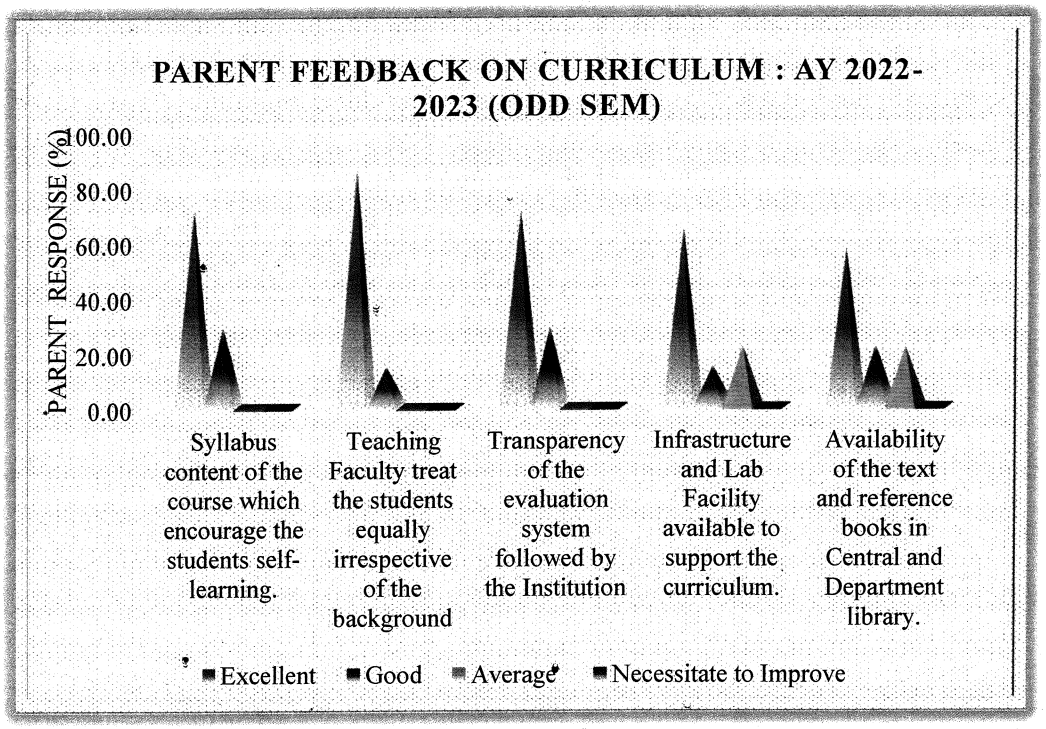

Fig.1. Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was well-regarded for encouraging self-learning, with 71.43% of respondents rating it as "Excellent" and 28.57% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was praised for treating students equally, irrespective of their background, with 85.71% of respondents considering it "Excellent" and 14.29% as "Good."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 71.43% of respondents rating it as "Excellent" and 28.57% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 64.29% of respondents considering it "Excellent," 14.29% as "Good," and 21.43% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 57.14% of respondents rated it as "Excellent," 21.43% as "Good," and 21.43% as "Average."

Suggestions:

- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources.

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B.E/B.Tech- AGRICULTURAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Agricultural Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	41	2	0	0	43
2.	Course objective & course outcomes are achieved in the syllabus.	40	3	0	0	43
3.	Professional and open Electives offered are supportive to the core papers.	36	7	0	0	43
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	35	8	0	0	43
5.	Profundity of the course content in the syllabus.	33	8	2	0	43
6.	Exact Sequence of the courses provided in the curriculum	37	4	2	0	43
7.	Syllabus coverage in class by the teaching faculty	32	6	5	0	43
8.	Faculty Encouragement in learning process	30	8	5	0	43
9.	Teaching and learning process enables clear understanding of the course content.	37	4	2	0	43
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	34	6	3	0	43
11.	Availability of library resources in central and departmental library.	27	7	9	0	43
12.	Reliability of Assessment and Evaluation Process.	31	10	2	0	43
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	33	5	5	0	43
14.	Curriculum has ability to develop Entrepreneurship and Employability.	26	10	7	0	43

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	95.35	4.65	0.00	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	93.02	6.98	0.00	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	83.72	16.28	0.00	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81.40	18.60	0.00	0.00	100
5.	Profundity of the course content in the syllabus.	76.74	18.60	4.65	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	86.05	9.30	4.65	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	74.42	13.95	11.63	0.00	100
8.	Faculty Encouragement in learning process.	69.77	18.60	11.63	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	86.05	9.30	4.65	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	79.07	13.95	6.98	0.00	100
11.	Availability of library resources in central and departmental library.	62.79	16.28	20.93	0.00	100
12.	Reliability of Assessment and Evaluation Process.	72.09	23.26	4.65	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	76.74	11.63	11.63	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60.47	23.26	16.28	0.00	100

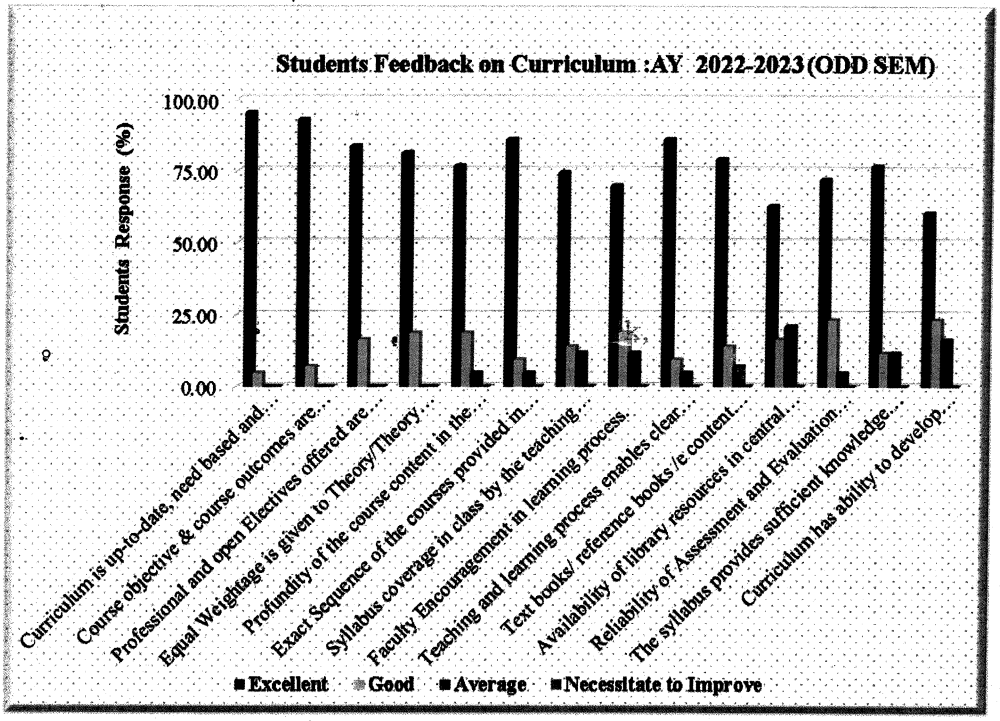

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly praised for its relevance, with 95.35% of respondents considering it "Excellent" and 4.65% as "Good."
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was well-regarded, with 93.02% of respondents rating it as "Excellent" and 6.98% as "Good."
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 83.72% of respondents considering it "Excellent" and 16.28% as "Good."
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 81.40% of respondents rating it as "Excellent" and 18.60% as "Good."
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 76.74% of respondents considering it "Excellent," 18.60%

as "Good," and 4.65% as "Average."

- Exact Sequence of the Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 86.05% of respondents considering it "Excellent," 9.30% as "Good," and 4.65% as "Average."
- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 74.42% of respondents rating it as "Excellent," 13.95% as "Good," and 11.63% as "Average."
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 69.77% of respondents considering it "Excellent," 18.60% as "Good," and 11.63% as "Average."
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 86.05% of respondents rating it as "Excellent," 9.30% as "Good," and 4.65% as "Average."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, with 79.07% of respondents considering it "Excellent," 13.95% as "Good," and 6.98% as "Average."
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 62.79% of respondents considering it "Excellent," 16.28% as "Good," and 20.93% as "Average."
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 72.09% of respondents rating it as "Excellent," 23.26% as "Good," and 4.65% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 76.74% of respondents considering it "Excellent," 11.63% as "Good," and 11.63% as "Average."
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 60.47% of respondents rating it as "Excellent," 23.26% as "Good," and 16.28% as "Average."

Suggestions:

- ❖ Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- ❖ Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- ❖ Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.

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Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	7	0	0	0	7
2.	Implementation of Outcome Based Education	5	1	1	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	7	0	0	0	7
4.	Offered Courses related to Industry/employability	6	1	0	0	7
5.	Competencies/outcomes in relation to the course content	6	2	0	0	8
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	2	0	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	5	1	1	0	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	7	0	0	0	7

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100.00
2.	Implementation of Outcome Based Education	71	14	14	0	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100.00
4.	Offered Courses related to Industry/employability	86	14	0	0	100.00
5.	Competencies/outcomes in relation to the course content	75	25	0	0	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	71	29	0	0	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	71	14	14	0	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	100	0	0	0	100.00

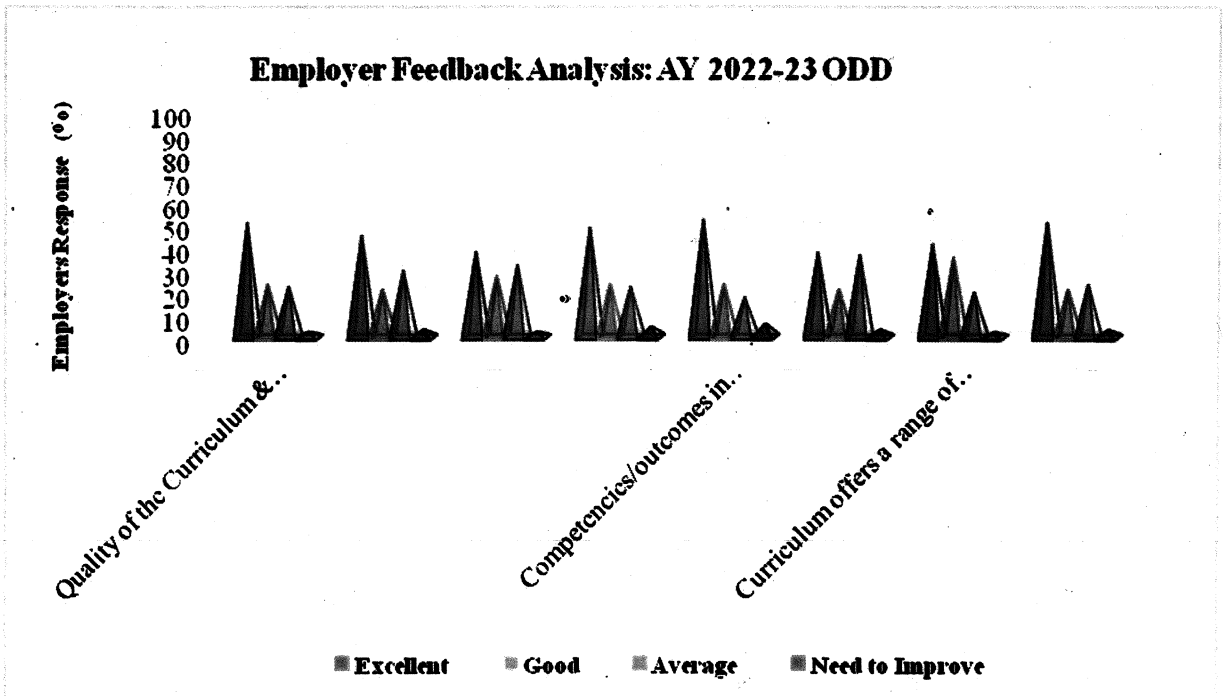

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, all 100% of Employers are given Excellent.
- Implementation of Outcome Based Education, 71% of Employers are given excellent, 14% of Employers are given good, also 14% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, all 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 86% of Employers are given excellent, 14% of Employers are given good.
- Competencies/outcomes in relation to the course content, 75% of Employers are given excellent, 25% of Employers are given good.
- Tools used for designing the experiments in terms of existing practices in the industries71% of Employers are given excellent, 29% of Employers are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 71% of Employers are given excellent, 14% of Employers are given good, 14% of Employers are marked as an average.

  Curriculum has ability to develop entrepreneurship/inventing new ideology, all 100% of Employers are given excellent.

Suggestions:

- ✓ Ensure the students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Suggested to use TABLEAU tool, " where the user can make LIVE connections to different data sources like SQL, etc..Students free license is also offered.
- ✓ Introduce full stack java development courses for placement
- ✓ Encourage to do more industrial projects and real time problem identifications.
- ✓ Syllabus revision is required based on Industry requirement and applications, case studies especially in Unit V.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce Robotics as one of the vertical in honors degree.

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	0	0	0	8
2.	Electives offered are supportive to the core papers	7	1	0	0	8
3.	Implementation of Outcome Based Education	6	2	0	0	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	2	0	0	8
5.	Regulations and Scheme of Examination	8	0	0	0	8
6.	Semester-wise course content	8	0	0	0	8
7.	Content Delivery, Methodology and Learning Resources	7	1	0	0	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	0	0	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	0	0	0	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8	0	0	0	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100.00
2.	Electives offered are supportive to the core papers	88	12	0	0	100.00
3.	Implementation of Outcome Based Education	75	25	0	0	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	75	25	0	0	100.00
5.	Regulations and Scheme of Examination	100	0	0	0	100.00
6.	Semester-wise course content	100	0	0	0	100.00
7.	Content Delivery, Methodology and Learning Resources	88	13	0	0	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100	0	0	0	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100.00

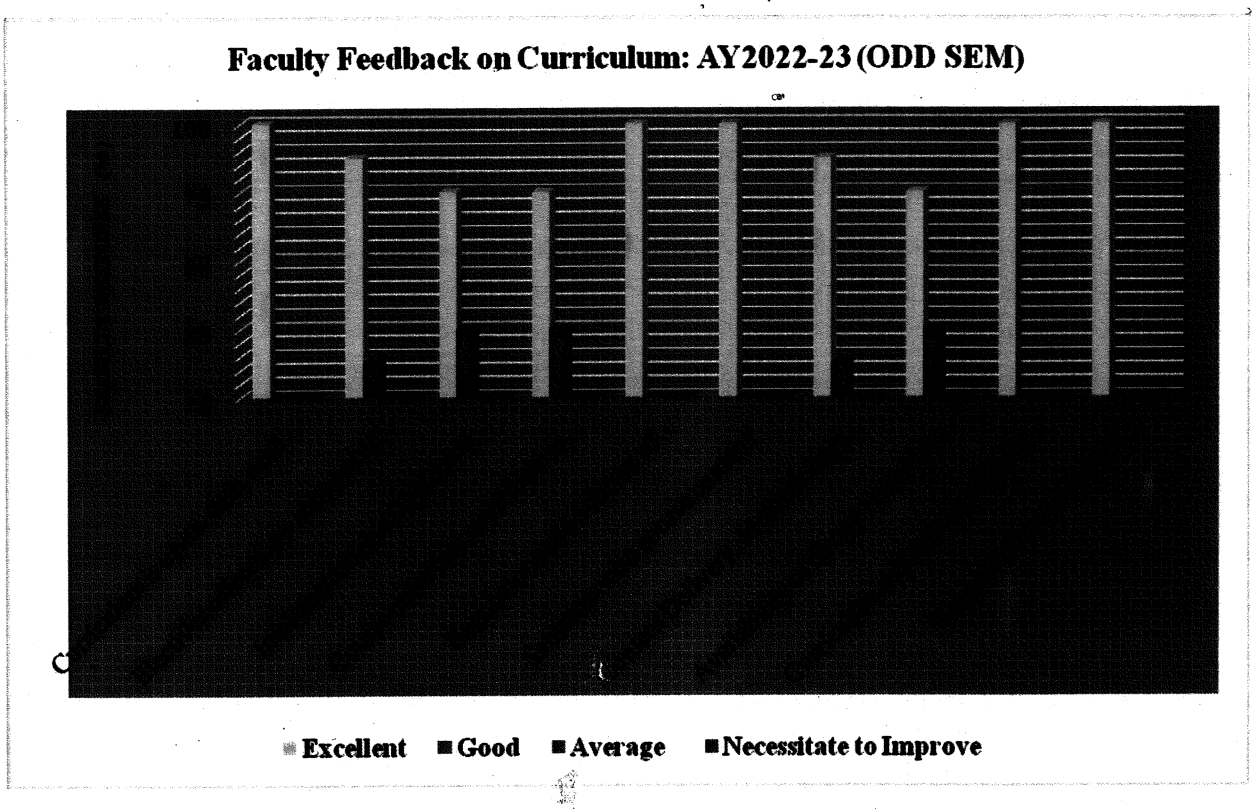

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Implementation of Outcome Based Education, 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, all 100 % of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources 93 % of faculties are highly satisfied and 7 % of faculties are satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 88 % of faculties are highly satisfied and 13 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, all 100% of faculties are highly satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, all 100 % of faculties are highly satisfied.

Suggestions:

- Suggested to introduce Data science as one of the Professional Elective verticals in R2022.
- Suggested to introduce Web Application Development subject during 1st Semester to create awareness on core domain.
- Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- Encourage faculty to attend hands-on training in AR / VR tools, Deep learning tools like Keras, Tensorflow,etc. to involve them in research activity.

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.Tech Artificial Intelligence and Machine Learning

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	11	1	0	0	12
2.	Teaching Faculty treat the students equally irrespective of the background	12	0	0	0	12
3.	Transparency of the evaluation system followed by the Institution	11	1	0	0	12
4.	Infrastructure and Lab Facility available to support the curriculum.	11	1	0	0	12
5.	Availability of the text and reference books in Central and Department library.	9	2	1	0	12

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	92	8	0	0	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100.00
3.	Transparency of the evaluation system followed by the Institution	92	8	0	0	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	92	8	0	0	100.00
5.	Availability of the text and reference books in Central and Department library.	75	17	8	0	100.00

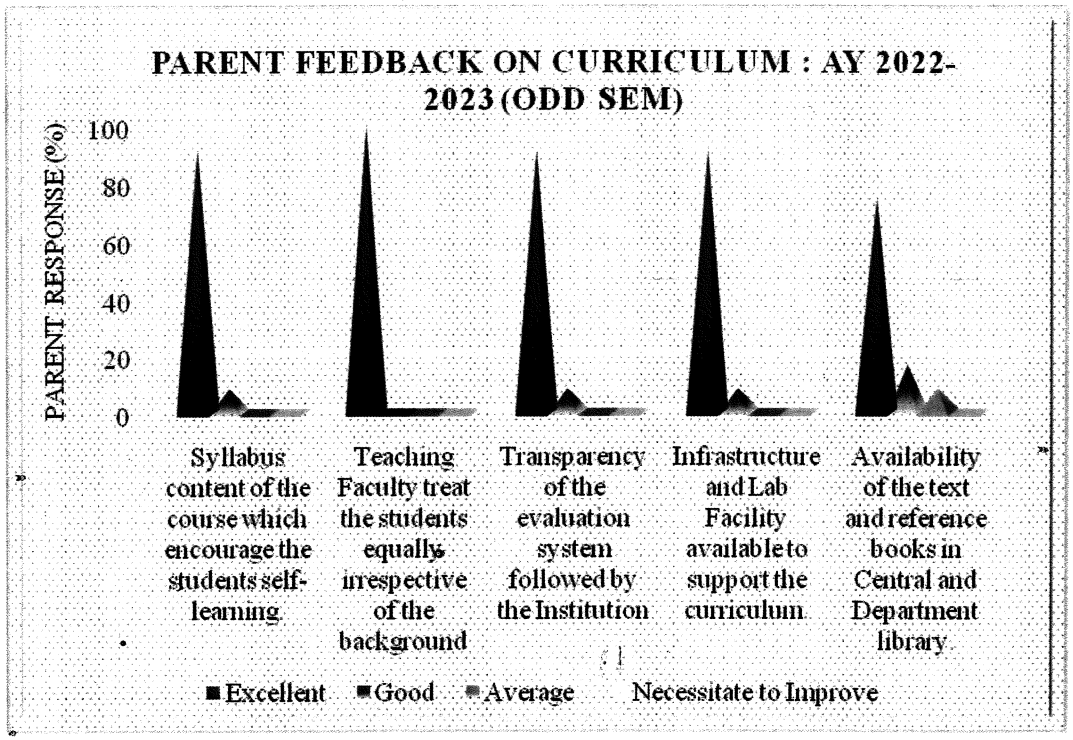

Fig.1.Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 92 % of parents are highly satisfied, and 8 % of parents are satisfied
- Infrastructure and Lab Facility available to support the curriculum 92 % of parents are highly satisfied, and 8 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 75 % of parents are highly satisfied, 17 % of parents are satisfied and 8 % of parents are moderately satisfied.

Suggestions:

- ❖ Provide value added or skill development courses for every semester.
- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources like NPTEL, COURSERA

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

ACADEMIC EXPERT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	4	2	0	0	6
3.	Quality of PEOs, POs and COs	5	1	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	4	2	0	0	6
7.	Text and reference books proposed for study	4	1	1	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	5	1	0	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2	Implementation of Outcome Based Education	67	33	0	0	100
3.	Quality of PEOs, POs and COs	83	17	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	67	33	0	0	100
7.	Text and reference books proposed for study	67	17	17	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	16	100
10.	Panel of Examiners	83	17	0	0	100

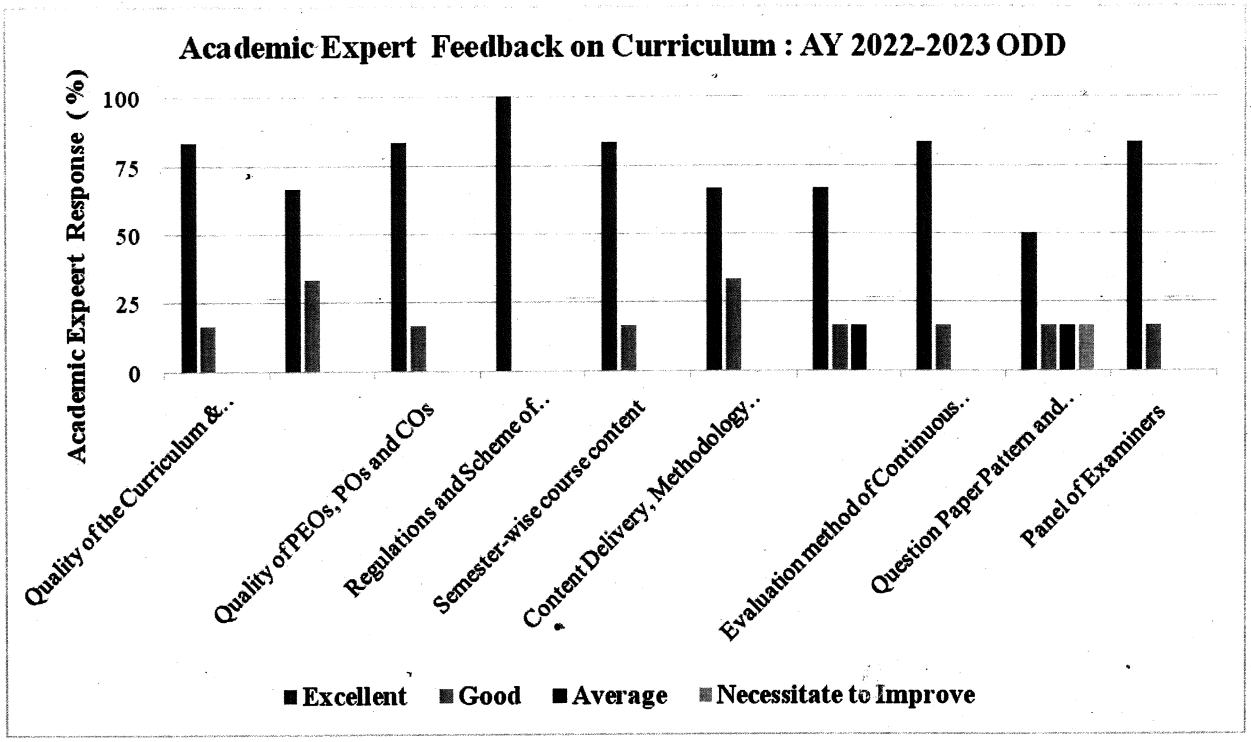

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good.
- The Quality of PEOs, POs and COs, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Question Paper Pattern and Standard (Blooms Level), 50% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and

17% are given as Average and 16% are suggested to improve.

- For Panel of Examiners, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good

Suggestions:

- Suggested to split Introduction to Machine Learning course into three courses since the syllabus framed will be tough to study. Three courses can be:
- Foundation of Machine Learning in Fourth semester
- Advanced Machine Learning in Fifth semester
- Deep Learning in Sixth semester
- Suggested to include application oriented topics and new era technologies in the higher semester syllabus for R2022.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Suggested to include the courses whatever is required or mandatory for Artificial Intelligence and Machine Learning with minimum credits.
- Members suggested to ensure Smart Contracts and Solidity subjects to be incorporated for the students who study B.E Honours Degree in in Block Chain Domain.

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Chairman

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Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	46	2	0	0	48
2.	Course objective & course outcomes are achieved in the syllabus.	44	3	1	0	48
3.	Professional and open Electives offered are supportive to the core papers.	48	0	0	0	48
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	46	2	0	0	48
5.	Profundity of the course content in the syllabus.	44	3	1	0	48
6.	Exact Sequence of the courses provided in the curriculum	42	4	2	0	48
7.	Syllabus coverage in class by the teaching faculty	48	0	0	0	48
8.	Faculty Encouragement in learning process	48	0	0	0	48
9.	Teaching and learning process enables clear understanding of the course content.	46	1	1	0	48
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	42	4	2	0	48
11.	Availability of library resources in central and departmental library.	40	5	2	1	48
12.	Reliability of Assessment and Evaluation Process.	39	5	3	1	48
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	46	2	0	0	48
14.	Curriculum has ability to develop Entrepreneurship and Employability.	45	3	0	0	48

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	96	4	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	92	6	2	0	100
3.	Professional and open Electives offered are supportive to the core papers.	100	0	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	96	4	0	0	100
5.	Profundity of the course content in the syllabus.	92	6	2	0	100
6.	Exact Sequence of the courses provided in the curriculum.	88	8	4	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	100	0	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	2	2	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	88	8	4	0	100
11.	Availability of library resources in central and departmental library.	83	10	4	2	100
12.	Reliability of Assessment and Evaluation Process.	81	10	6	2	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	96	4	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	94	6	0	0	100

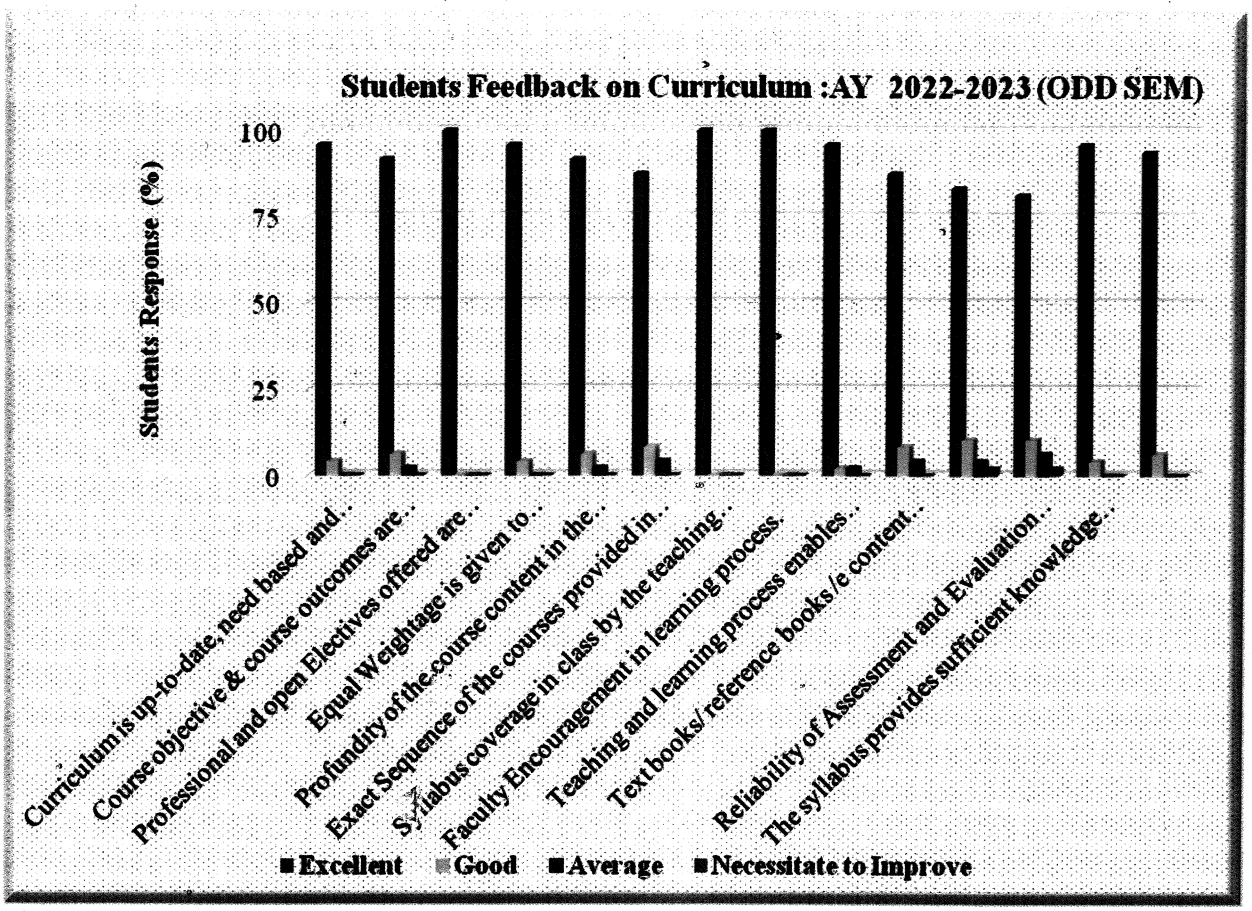

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 96% of students are highly satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 92% of students are highly satisfied, 6% of students are satisfied only 2 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers all 100 % of students are highly satisfied.
- In the Equal Weightage is given to theory and practical course content 96 % of students are Very satisfied.
- Considering the use of Profundity of the course content in the syllabus 92% of students are highly satisfied, only 6% of students are satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 88 % of students are highly satisfied, 8 % of students are satisfied and only 4 % of students are moderately satisfied.

- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, all 100% of students are highly satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 2% of students are satisfied and 2 % of students are moderately satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 88% of students are highly satisfied, 8% of students are satisfied and only 4% of students are moderately satisfied.
- Reliability of assessment & evaluation process 81% of students are highly satisfied, 10% of students are satisfied and 6% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch. 96 % of students are highly satisfied, only 4% of students are satisfied and 4% of students are moderately satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 94% of students are highly satisfied, only 6% of students are satisfied.

Suggestions:

- Offer skill development training sessions, workshops and boot camps to equip students with essential entrepreneurial and employability skills.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.
- Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.

Chairman - BoS
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Dean (Academics)
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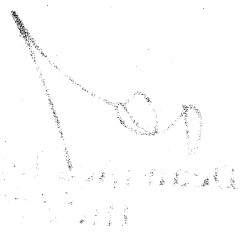

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Automobile Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	86	68	17	0	171
2.	Course objective & course outcomes are achieved in the syllabus.	90	66	15	0	171
3.	Professional and open Electives offered are supportive to the core papers.	88	68	15	0	171
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	91	67	13	0	171
5.	Profundity of the course content in the syllabus.	97	61	13	0	171
6.	Exact Sequence of the courses provided in the curriculum	103	59	9	0	171
7.	Syllabus coverage in class by the teaching faculty	101	63	7	0	171
8.	Faculty Encouragement in learning process	102	60	9	0	171
9.	Teaching and learning process enables clear understanding of the course content.	100	61	10	0	171
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	97	63	11	0	171
11.	Availability of library resources in central and departmental library.	97	62	12	0	171
12.	Reliability of Assessment and Evaluation Process.	91	69	11	0	171
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	90	69	12	0	171
14.	Curriculum has ability to develop Entrepreneurship and Employability.	103	55	13	0	171

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	50.29	39.77	9.94	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	52.63	38.60	8.77	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	51.46	39.77	8.77	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	53.22	39.18	7.60	0.00	100
5.	Profundity of the course content in the syllabus.	56.73	35.67	7.60	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	60.23	34.50	5.26	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	59.06	36.84	4.09	0.00	100
8.	Faculty Encouragement in learning process.	59.65	35.09	5.26	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	58.48	35.67	5.85	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	56.73	36.84	6.43	0.00	100
11.	Availability of library resources in central and departmental library.	56.73	36.26	7.02	0.00	100
12.	Reliability of Assessment and Evaluation Process.	53.22	40.35	6.43	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	52.63	40.35	7.02	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60.23	32.16	7.60	0.00	100

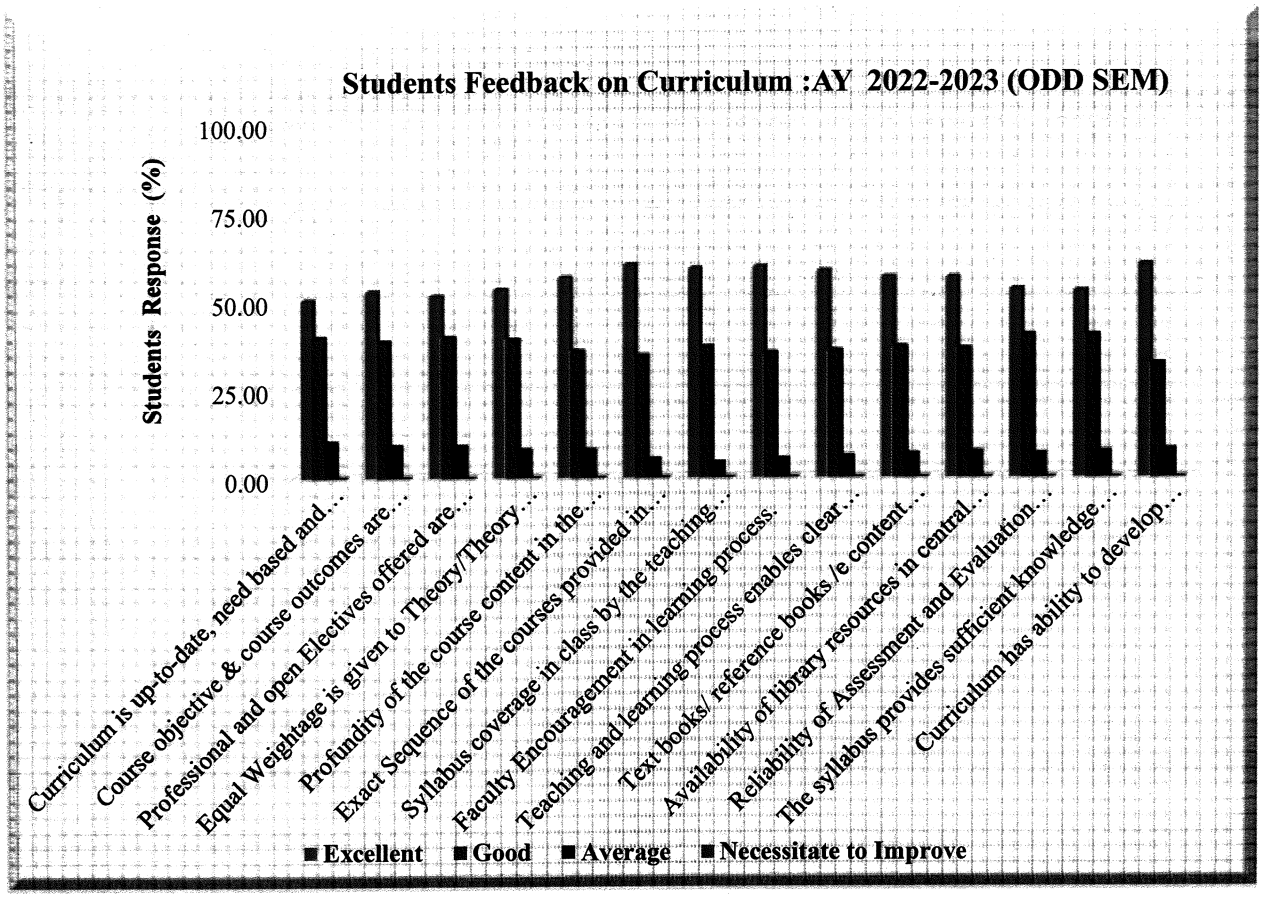

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- "Curriculum is up-to-date, need based and application oriented" scored 50.29 % as excellent.
- "Course objective & Course outcomes are achieved in the syllabus" scored 52.63% as excellent.
- "Professional and open Electives offered are supportive to the core paper" scored 51.46% as excellent.
- "Equal Weightage is given to theory/theory with laboratory/Practical/Mandatory course content scored 53.22% as excellent.
- "Profundity of the course content in the syllabus" as scored 56.73% as excellent.
- "Exact Sequence of the course provided in the curriculum" scored 60.23% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 59.06% as excellent.
- "Faculty encouragement in learning process" scored 59.65 % as excellent.
- "Teaching and learning process enable clear understanding of the course content" scored 58.48% as excellent.

- "Text books/reference books/content recommended in the syllabus are relevant and updated" scored 56.73% as excellent.
- "Availability of library resources in central and department library" scored 56.73% as excellent.
- "Reliability of Assessment and Evaluation Process" scored 53.22% as excellent.
- "The Syllabus provides sufficient knowledge & perspective in the respective branch" as scored 52.63% as excellent.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 60.23% as excellent.

Suggestions:

- Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.
- Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.

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B.E/B.Tech- AUTOMOBILE ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	16	4	0	0	20
2.	Teaching Faculty treat the students equally irrespective of the background	18	2	0	0	20
3.	Transparency of the evaluation system followed by the Institution	17	2	1	0	20
4.	Infrastructure and Lab Facility available to support the curriculum.	14	3	3	0	20
5.	Availability of the text and reference books in Central and Department library.	12	4	4	0	20

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	80.00	20.00	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	90.00	10.00	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	85.00	10.00	5.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	70.00	15.00	15.00	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	60.00	20.00	20.00	0.00	100.00

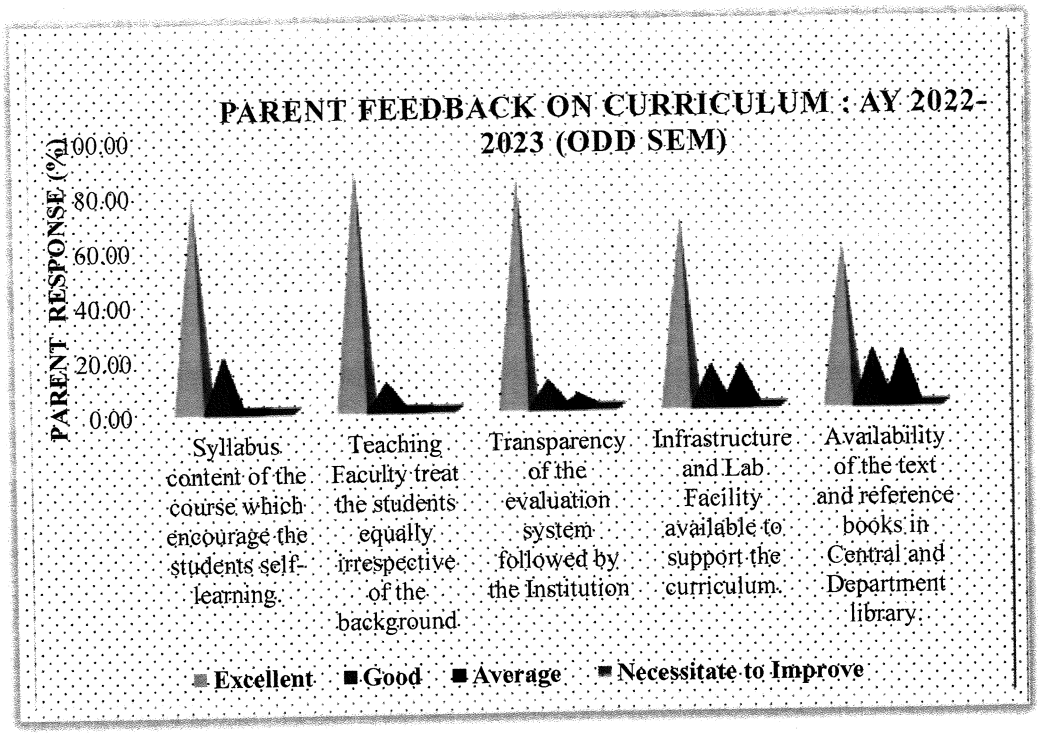

Fig.1. Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was well-regarded for encouraging self-learning, with 80.00% of respondents rating it as "Excellent" and 20.00% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was praised for treating students equally, irrespective of their background, with 90.00% of respondents considering it "Excellent" and 10.00% as "Good."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 85.00% of respondents rating it as "Excellent" and 10.00% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 75.00% of respondents considering it "Excellent," 15.00% as "Good," and 15.00% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 60.00% of respondents rated it as "Excellent," 20.00% as "Good," and 20.00% as "Average."

Suggestions:

- Identify the subjects or topics where there is a lack of adequate study materials.
- Collaborate with online libraries and databases to expand access to relevant academic resources.

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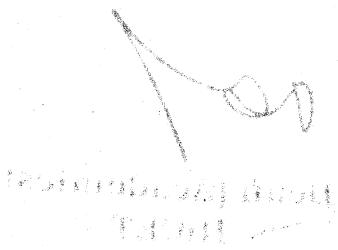

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	11	1			12
2.	Electives offered are supportive to the core papers	10	2			12
3.	Implementation of Outcome Based Education	9	3			12
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	10	2			12
5.	Regulations and Scheme of Examination	11	1			12
6.	Semester-wise course content	12	0			12
7.	Content Delivery, Methodology and Learning Resources	11	1			12
8.	Availability of library resources supports Text and Reference Books suggested to study	11	1			12
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	11	1			12
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	10	2			12

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	91.67	8.33	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	83.33	16.67	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	75.00	25.00	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	83.33	16.67	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	91.67	8.33	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	91.67	8.33	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	91.67	8.33	0.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	91.67	8.33	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	83.33	16.67	0.00	0.00	100.00

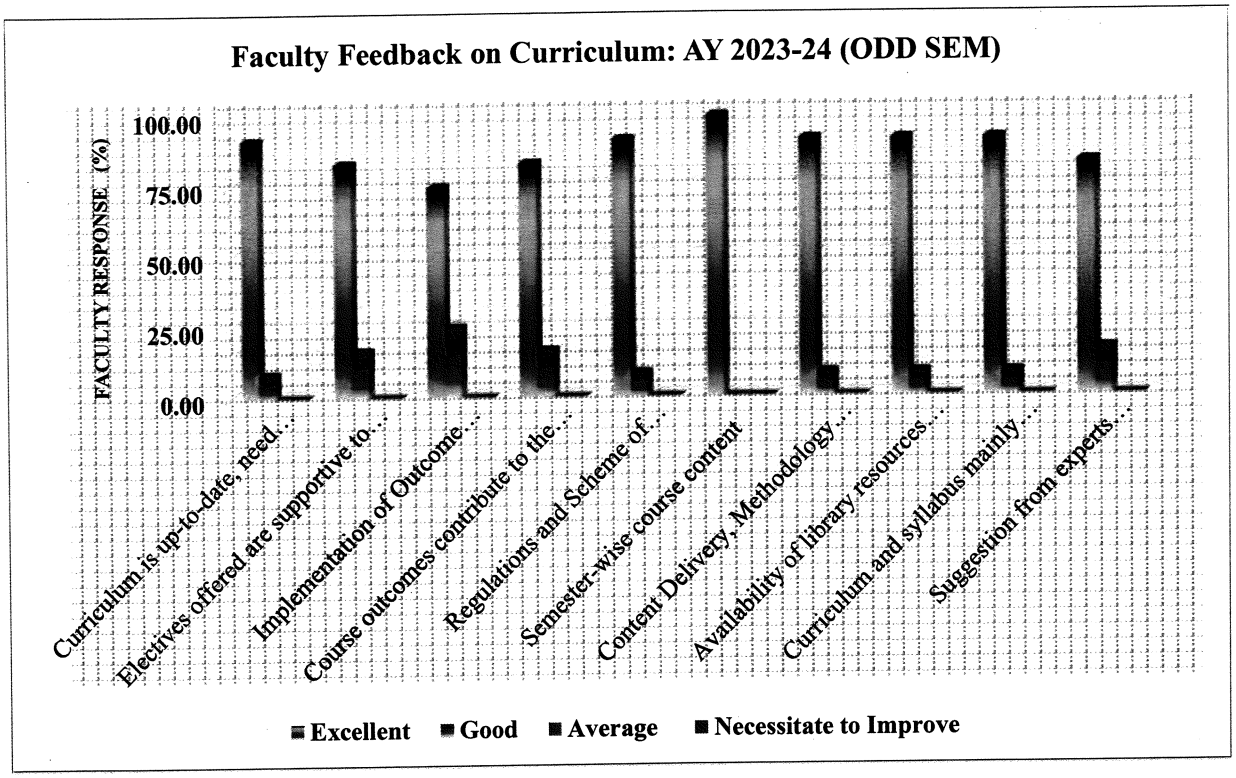

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly praised for being up-to-date, need-based, and application-oriented, with 91.67% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 83.33% of respondents rating it as "Excellent" and 16.67% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 75.00% of respondents considering it "Excellent" and 25.00% as "Good."
- Course outcomes were seen to significantly contribute to the fulfillment of program outcomes (PO), with 83.33% of respondents rating it as "Excellent" and 16.67% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 91.67% of respondents rating it as "Excellent" and 8.33% as "Good."

- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."

- Regarding the availability of library resources supporting text and reference books suggested for study, 91.67% of respondents rated it as "Excellent," 8.33% as "Good."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 91.67% "Excellent" rating.

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 83.33% of respondents considering it "Excellent."

Suggestions:

- ❖ Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- ❖ Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

Chairman - BoS
AUTO - HiCET

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Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	11	4	1		16
2.	Implementation of Outcome Based Education	12	3	1		16
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	10	4	2		16
4.	Offered Courses related to Industry/employability	11	5	0		16
5.	Competencies/outcomes in relation to the course content	12	3	1		16
6.	Tools used for designing the experiments in terms of existing practices in the industries	12	4	0		16
7.	Curriculum offers a range of professional and open electives/value-added courses	12	3	1		16
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	13	3	0		16

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	68.75	25.00	6.25	0.00	100.00
2.	Implementation of Outcome Based Education	75.00	18.75	6.25	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	62.50	25.00	12.50	0.00	100.00
4.	Offered Courses related to Industry/employability	68.75	31.25	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	75.00	18.75	6.25	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	75.00	25.00	0.00	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	75.00	18.75	6.25	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	81.25	18.75	0.00	0.00	100.00

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 75.00% of respondents considering it "Excellent" and 25.00% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 75.00% of respondents rating it as "Excellent," 25.00% as "Good."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 81.25% of respondents considering it "Excellent" and 18.75% as "Good."

Suggestions:

Dr Sakthivel M (AU Nominee):

- ✓ He has appreciated the curriculum design and addition of new professional elective courses.
- ✓ Also, he expressed his appreciation for the minor degree and honors degree verticals.

Dr Somasundaram P (Subject Expert):

- ✓ He suggested to add some exercises related to computational fluid dynamics in any of the designing courses

Dr Bharathi Mohan M P (Subject Expert):

- ✓ He suggested to add topics related to Rapid prototyping and product inoovation.
- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
AUTO - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

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B.E/B.Tech- AUTOMOBILE ENGINEERING

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	36	18	3	0	57
2.	Regulations and Scheme of Examination	38	16	3	0	57
3.	Semester-wise course content	39	13	5	0	57
4.	Content Delivery, Methodology & Learning Resources	41	13	3	0	57
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	39	16	2	0	57
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	37	15	5	0	57
7.	Availability of library resources supports Text and Reference Books suggested to study	34	19	4	0	57

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	63.16	31.58	5.26	0.00	100
2.	Regulations and Scheme of Examination	66.67	28.07	5.26	0.00	100
3.	Semester-wise course content	68.42	22.81	8.77	0.00	100
4.	Content Delivery, Methodology & Learning Resources	71.93	22.81	5.26	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	68.42	28.07	3.51	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	64.91	26.32	8.77	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	59.65	33.33	7.02	0.00	100

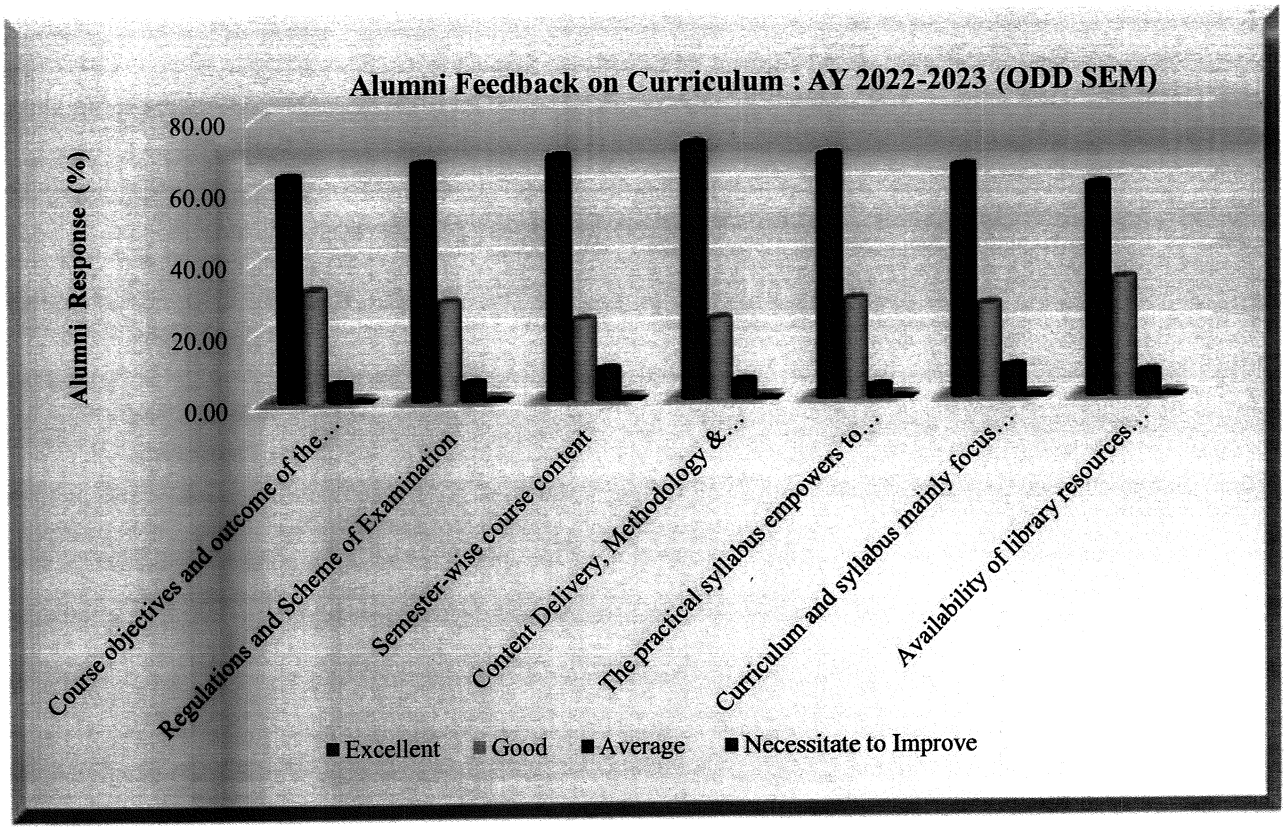


Fig.1. Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Course Objectives and Outcome Definition: The course objectives and outcome of the syllabus were defined clearly, with 63.16% of respondents considering it "Excellent" and 31.58% as "Good."
- Regulations and Scheme of Examination: The regulations and scheme of examination were well-regarded, with 66.267% of respondents rating it as "Excellent," 28.07% as "Good," and 5.26% as "Average."
- Semester-wise Course Content: The semester-wise course content was rated positively, with 68.42% of respondents considering it "Excellent" and 22.81% as "Good."
- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources received mixed feedback, with 71.93% of respondents rating it as "Excellent," 22.81% as "Good," and 5.26% as "Average."
- Empowerment through Practical Syllabus: The practical syllabus was seen to empower students to develop experimental, design, problem-solving, and analysis skills, with 68.42% of respondents considering it "Excellent," 28.07% as "Good," and 3.51% as "Average."

- Focus on Industry Readiness and Self-learning: The curriculum and syllabus were praised for mainly focusing on making students industry-ready, encouraging participation in various events, promoting self-learning, and fostering innovation and entrepreneurship. 64.91% of respondents rated it as "Excellent," 26.32% as "Good," and 8.77% as "Average."
- Availability of Library Resources: The availability of library resources supporting text and reference books suggested for the study was rated positively, with 59.65% of respondents considering it "Excellent," 33.33% as "Good," and 7.02% as "Average."

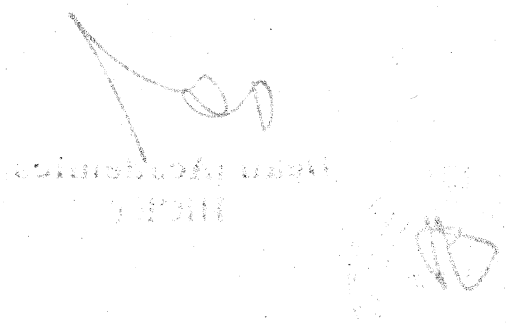
Suggestions:

- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- To enhance the learning experience, invest in the latest educational technologies and digital resources.

Chairman - BoS
AUTO - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET



Hindusthan College of Engineering andTechnology

Coimbatore 641 032

B.E- Biomedical Engineering

PARENT FEED BACK ANALYSIS

[ODD SEMESTER]

2022-2023

B.E-Biomedical Engineering

Parent Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

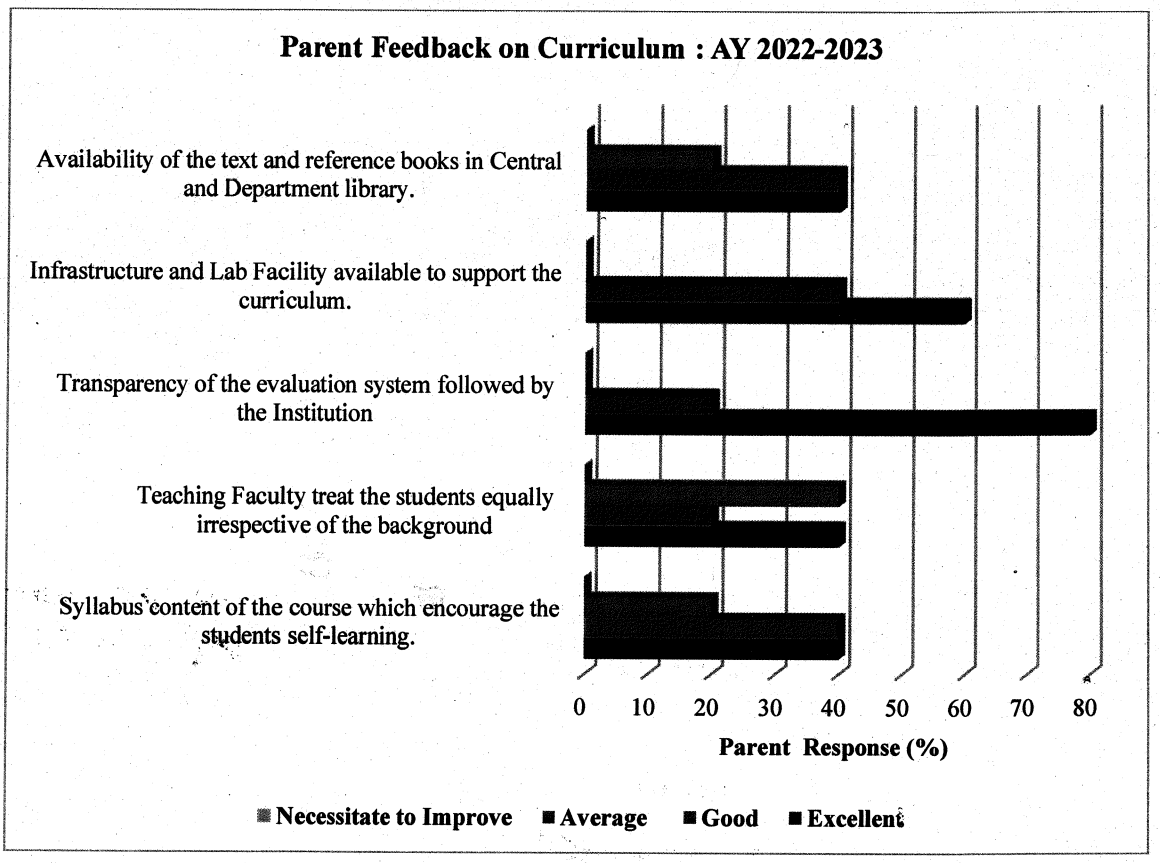
RESPONSE

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	2	2	1		5
2.	Teaching Faculty treat the students equally irrespective of the background	2	1	2		5
3.	Transparency of the evaluation system followed by the Institution	4	1	0		5
4.	Infrastructure and Lab Facility available to support the curriculum.	3	2	0		5
5.	Availability of the text and reference books in Central and Department library.	2	2	1		5

Analysis

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	40	40	20	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	40	20	40	0	100

3.	Transparency of the evaluation system followed by the Institution	80	20	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	60	40	0	0	100
5.	Availability of the text and reference books in Central and Department library.	40	40	20	0	100



REPORT
The faculty response to feedback on the curriculum was given below

Syllabus content of the course which encourage the students self-learning in which 40% suggested as excellent and 40% good.

Teaching Faculty treat the students equally irrespective of the background 40% suggested as excellent and 20% good.

Transparency of the evaluation system followed by the Institution 80% suggested as excellent and 20% good.

Infrastructure and Lab Facility available to support the curriculum 60% suggested as excellent and 40% as good .

Availability of the text and reference books in Central and Department library 40% suggested as excellent and 40% good.

Chairman BoS
BME - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG. & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E- Biomedical Engineering

FACULTY FEED BACK ANALYSIS

[ODD SEMESTER]

2022-2023

B.E-Biomedical Engineering

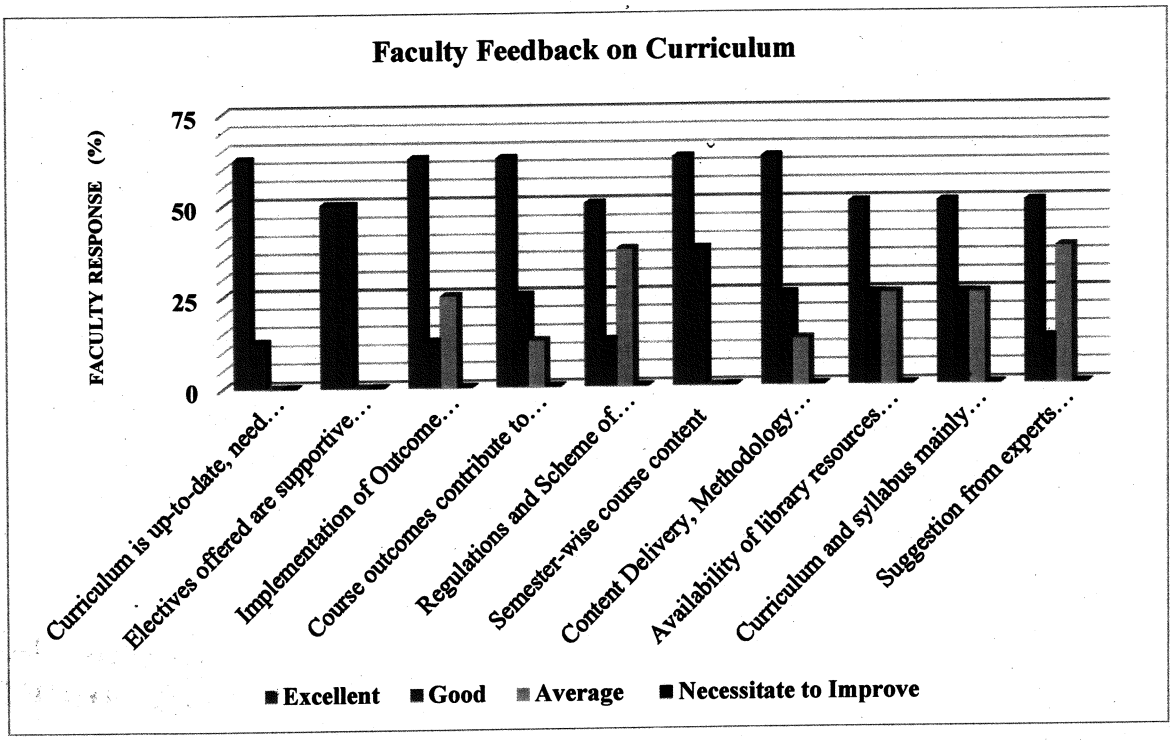
Faculty Feedback on Curriculum: Academic Year 2022-2023

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	5	1	2		8
2.	Electives offered are supportive to the core papers	4	4	0		8
3.	Implementation of Outcome Based Education	5	1	2		8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	5	2	1		8
5.	Regulations and Scheme of Examination	4	1	3		8
6.	Semester-wise course content	5	3	0		8
7.	Content Delivery, Methodology and Learning Resources	5	2	1		8
8.	Availability of library resources supports Text and Reference Books suggested to study	4	2	2		8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Work shops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	4	2	2		8

10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	4	1	3		8

ANALYSIS

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	62.5	12.5	0	0	75
2.	Electives offered are supportive to the core papers	50	50	0	0	100
3.	Implementation of Outcome Based Education	62.5	12.5	25	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	62.5	25	12.5	0	100
5.	Regulations and Scheme of Examination	50	12.5	37.5	0	100
6.	Semester-wise course content	62.5	37.5	0	0	100
7.	Content Delivery, Methodology and Learning Resources	62.5	25	12.5	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	50	25	25	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50	25	25	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	50	12.5	37.5	0	100



REPORT

The faculty response to feedback on the curriculum was given below

- Curriculum is up-to-date, need based and application oriented in this they have suggested 62.5% excellent and 12.5% good.
- Electives offered are supportive to the core papers in this they have suggested 50% excellent and 50% good.
- Implementation of Outcome Based Education in this they have suggested 62.5% excellent and 12.5% good.
- Course outcomes contribute to the fulfilment of program outcomes (PO) in this they have suggested 62.5% excellent 25% good.
- Regulations and Scheme of Examination in this they have suggested 50% excellent and 12.5% good.
- Semester-wise course content in this they have suggested 62.5% excellent and 25% good.
- Content Delivery, Methodology and Learning Resources in this they have suggested 50% excellent and 25% good.

- Availability of library resources supports Text and Reference Books in this they have suggested 37.5% excellent and 25% good.
- suggested to study Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship in this they have suggested 50% excellent and 25% good.
- Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus in this they have suggested 62.5% excellent and 12.5% good.

Chairman BoS
BME - HiCET

HINDUSTHAN ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E- Biomedical Engineering

EMPLOYER FEED BACK ANALYSIS

[ODD SEMESTER]

2022-2023

B.E-Biomedical Engineering

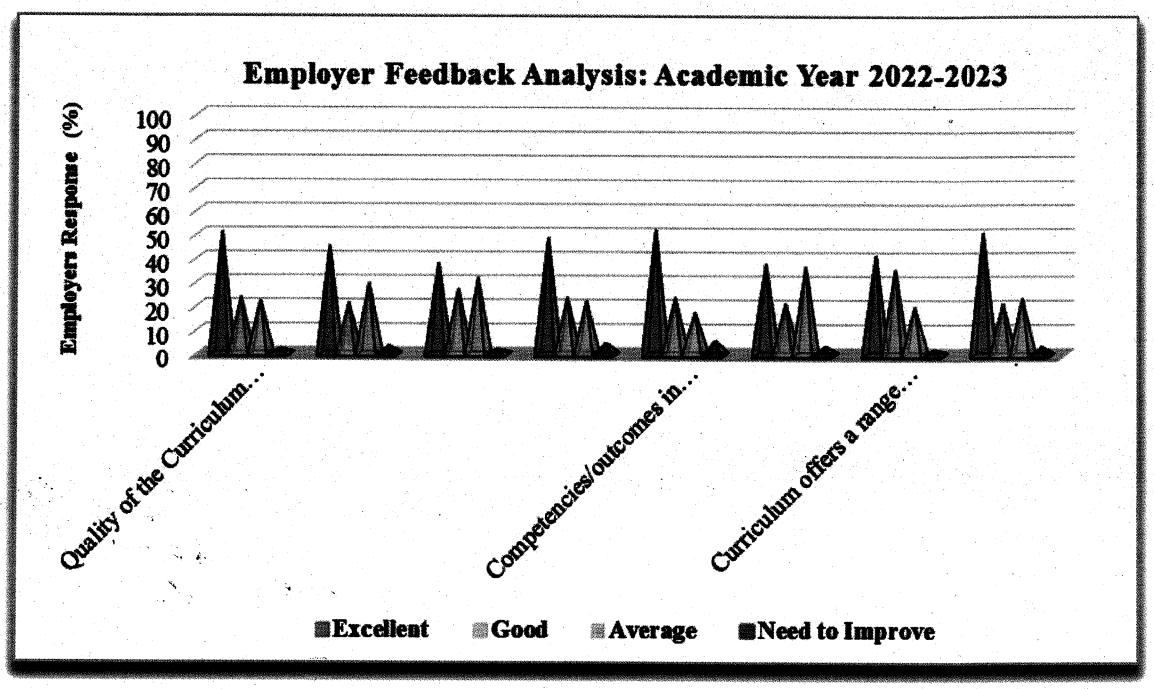
Employer Feedback on Curriculum: Academic Year 2022-2023

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1	Quality of the Curriculum & Syllabus	2	2	1	0	5
2	Implementation of Outcome Based Education	2	0	2	1	5
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	1	0	0	5
4	Offered Courses related to Industry/employability	2	0	2	1	5
5	Competencies/outcomes in relation to the course content	2	2	0	1	5
6	Tools used for designing the experiments in terms of existing practices in the industries	1	2	2	0	5
7	Curriculum offers a range of professional and open electives/value-added courses	1	2	1	1	5
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	0	2	2	1	5

ANALYSIS

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	40	40	20	0	100
2	Implementation of Outcome Based Education	40	0	40	20	100
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	80	20	0	0	100
4	Offered Courses related to Industry/employability	40	0	40	20	100

5	Competencies/outcomes in relation to the course content	40	40	0	20	100
6	Tools used for designing the experiments in terms of existing practices in the industries	20	40	40	0	100
7	Curriculum offers a range of professional and open electives/value-added courses	20	40	20	20	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	0	40	40	20	100



REPORT

The faculty response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus the employers suggested as 40% excellent and 40% good.
- Implementation of Outcome Based Education the employers suggested as 40% excellent.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum the employers suggested as 80% excellent and 20% good.
- Offered Courses related to Industry/employability the employers suggested as 80% excellent and 20% good.
- Competencies/outcomes in relation to the course content the employers suggested as 40% excellent and 40% good.
- Tools used for designing the experiments in terms of existing practices in the industries the employers suggested as 20% excellent and 40% good.
- Curriculum offers a range of professional and open electives/value-added courses the employers suggested as 20% excellent and 40% good.
- Curriculum has ability to develop entrepreneurship/inventing new ideology the employers suggested as 40% good.

Chairman BoS
BME - HiCET

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E- Biomedical Engineering

ACADEMIC EXPERT FEED BACK ANALYSIS[ODD]

2022-2023

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	2	2	1	1	6
	Implementation of Outcome Based Education	1	2	2	1	6
3.	Quality of PEOs, POs and COs	1	2	2	1	6
4.	Regulations and Scheme of Examination	1	2	2	1	6
5.	Semester-wise course content	1	0	3	2	6
6.	Content Delivery, Methodology and Learning Resources	3	2	1	0	6
7.	Text and reference books proposed for study	3	1	0	2	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	4	2	0	0	6
10.	Panel of Examiners	2	2	2	0	6

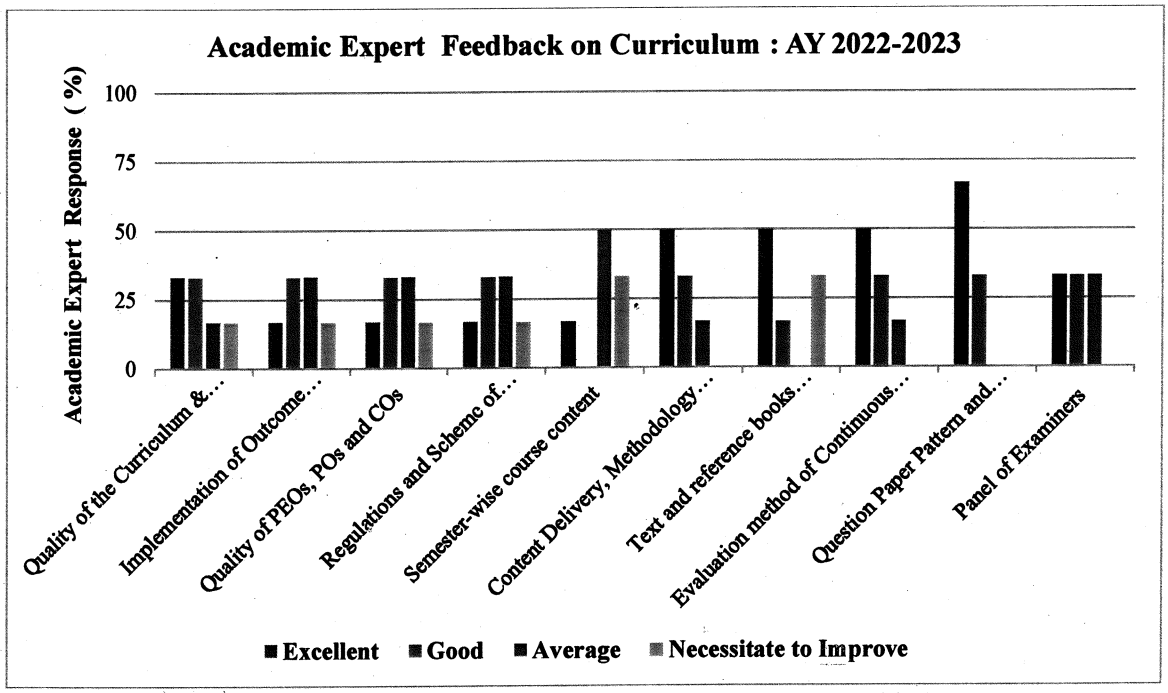
S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	33	33	17	17	100
	Implementation of Outcome Based Education	17	33	33	17	100
3.	Quality of PEOs, POs and COs	17	33	33	17	100
4.	Regulations and Scheme of Examination	17	33	33	17	100
5.	Semester-wise course content	17	0	50	33	100
6.	Content Delivery, Methodology and Learning Resources	50	33	17	0	100
7.	Text and reference books proposed for study	50	17	0	33	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	67	33	0	0	100
10.	Panel of Examiners	33	33	33	0	100

REPORT

The faculty response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus suggested as 33% excellent and 33% good.
- Implementation of Outcome Based Education suggested as 17% excellent and 33% good.
- Quality of PEOs, POs and COs suggested as 17% excellent and 33% good.
- Regulations and Scheme of Examination suggested as 17% excellent and 33% good.

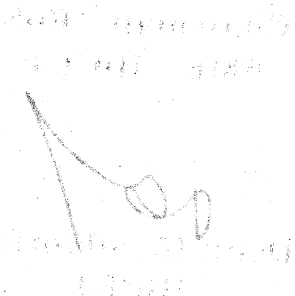
- Semester-wise course content suggested as 17% excellent.
- Content Delivery, Methodology and Learning Resources suggested as 50% excellent and 33% good.
- Text and reference books proposed for study suggested as 50 % excellent and 17% good.



HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Chairman BoS
BME - HiCET

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

STUDENT FEED BACK ANALYSIS

[ODD SEMESTER]

Academic year:2022-2023

B.E-Biomedical Engineering

Student Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented.	24	24	12	5	65
2.	Course objective & course outcomes are achieved in the syllabus.	10	25	30		65
3.	Professional and open Electives offered are supportive to the core papers.	12	27	26		65
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	22	25	12	6	65
5.	Profundity of the course content in the syllabus.	25	19	21		65
6.	Exact Sequence of the courses provided in the curriculum	25	26	12	2	65
7.	Syllabus coverage in class by the teaching faculty	35	25	5		65
8.	Faculty Encouragement in learning process	25	26	14		65
9.	Teaching and learning process enables clear understanding of the course content.	22	28	14	1	65
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	22	10	25	8	65
11.	Availability of library resources in central and departmental library.	30	25	10		65
12.	Reliability of Assessment and Evaluation Process.	15	25	23	2	65
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	15	22	28		65
14.	Curriculum has ability to develop Entrepreneurship and Employability.	18	15	32		65

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	37	37	18	8	100
2.	Electives offered are supportive to the core papers	15	38	46	0	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	18	42	40	0	100
4.	Representation from experts (in BoS helps to design and update syllabus	34	38	18	9.23	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	38	29	32	0	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	38	40	18	3.1	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	54	38	8	0	100
8.	Our training and placement courses for the curriculum makes students industry ready	38	40	22	0	100
9.	OBE attainment of your course/ programme	34	43	22	1.53	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	34	15	38	12.3	100
11.	Availability of library resources	46	38	15	0	100
12.	Learning opportunities for your career advancement in the institution	23	38	35	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	23	34	43	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	28	23	49	0	100

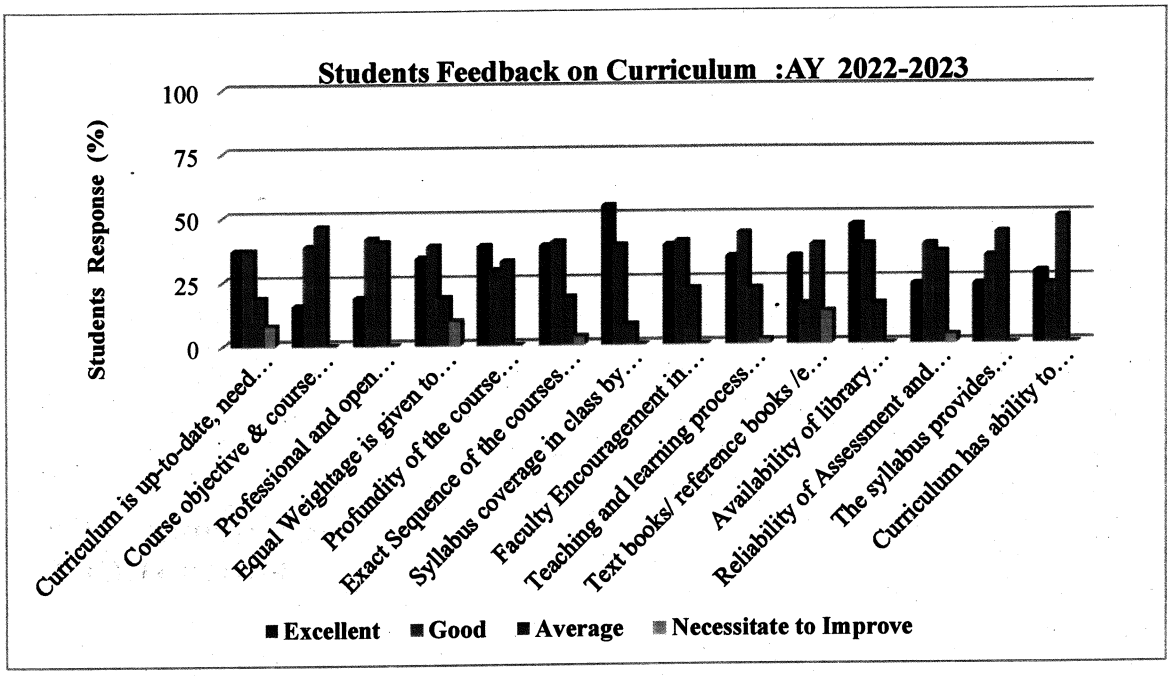


Fig.1.Student Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 37 % as excellent.
- "Electives offered are supportive to the core papers" scored 15%, and 38% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 18%, and 42% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 34% as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 38 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 38% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 54%, and 38% as excellent, and good respectively.

- "Our training and placement courses for the curriculum makes students industry ready" scored 38% as excellent.
- "OBE attainment of your course/ programme" scored 34 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 34 % as excellent.
- "Availability of library resources" scored 46%, and 38% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 23 % as excellent.

Chairman BoS
BME - HiCET

HINDUSTHAN ACADEMY
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

DEPARTMENT OF CIVIL ENGINEERING

ALUMNI FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

ALUMNI FEEDBACK ANALYSIS

B.E (Civil Engineering)

2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	94	24	14		132
2.	Regulations and Scheme of Examination	88	26	18		132
3.	Semester-wise course content	88	21	23		132
4.	Content Delivery, Methodology & Learning Resources	72	33	27		132
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	79	27	26		132
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops , to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	76	32	24		132
7.	Availability of library resources supports Text and Reference Books suggested to study	85	28	19		132

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	71	18	11	0	100
2.	Regulations and Scheme of Examination	67	20	14	0	100
3.	Semester-wise course content	67	16	17	0	100
4.	Content Delivery, Methodology & Learning Resources	55	25	20	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	60	20	20	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops , to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	58	24	18	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	64	21	14	0	100

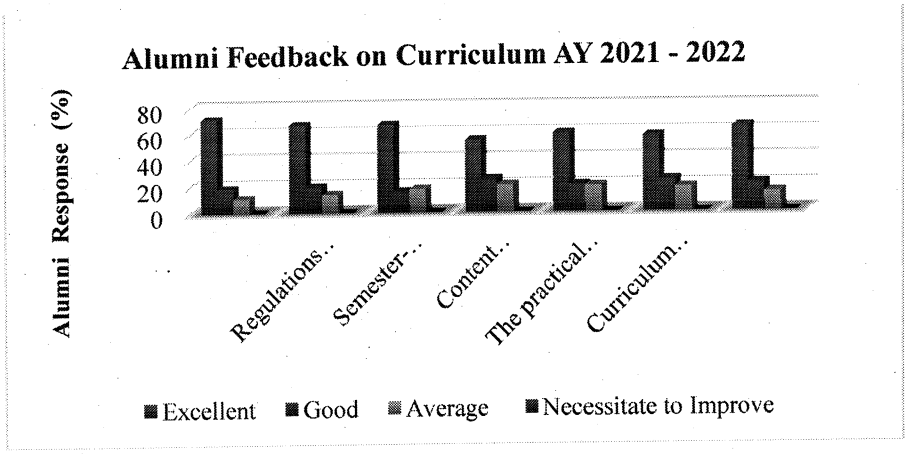


Fig.1.Alumni Feedback on Curriculum

Report:

The Alumni's response to feedback on the curriculum was given below:

- Course objectives and outcome of the syllabus are clearly defined" scored 71%, 18%, and 11% as excellent, good, and average respectively.
- Regulations and Scheme of Examination" scored 67%, 20%, and 14% as excellent, good, and average respectively.
- Semester-wise course content" scored 67%, 16%, and 17% as excellent, good, and average respectively.
- Content Delivery, Methodology & Learning Resources" scored 55%, 25%, and 20% as excellent, good, and average respectively.
- The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 60%, 20%, and 20% as excellent, good, and average respectively.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 58%, 24%, and 18% as excellent, good, and average respectively.
- Availability of library resources supports Text and Reference Books suggested to study " scored 64%, 21%, and 14% as excellent, good, and average respectively.

Signature of the Chairman (BoS)
Chairman - BoS
CIVIL - HICET

HINDUSTHAN COLLEGE OF ENGG & TECH - CBE - 32

Signature of the
Dean Academics
Dean (Academics)
HICET

DEPARTMENT OF CIVIL ENGINEERING

STUDENTS FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

STUDENTS FEEDBACK ANALYSIS

B.E (CivilEngineering)

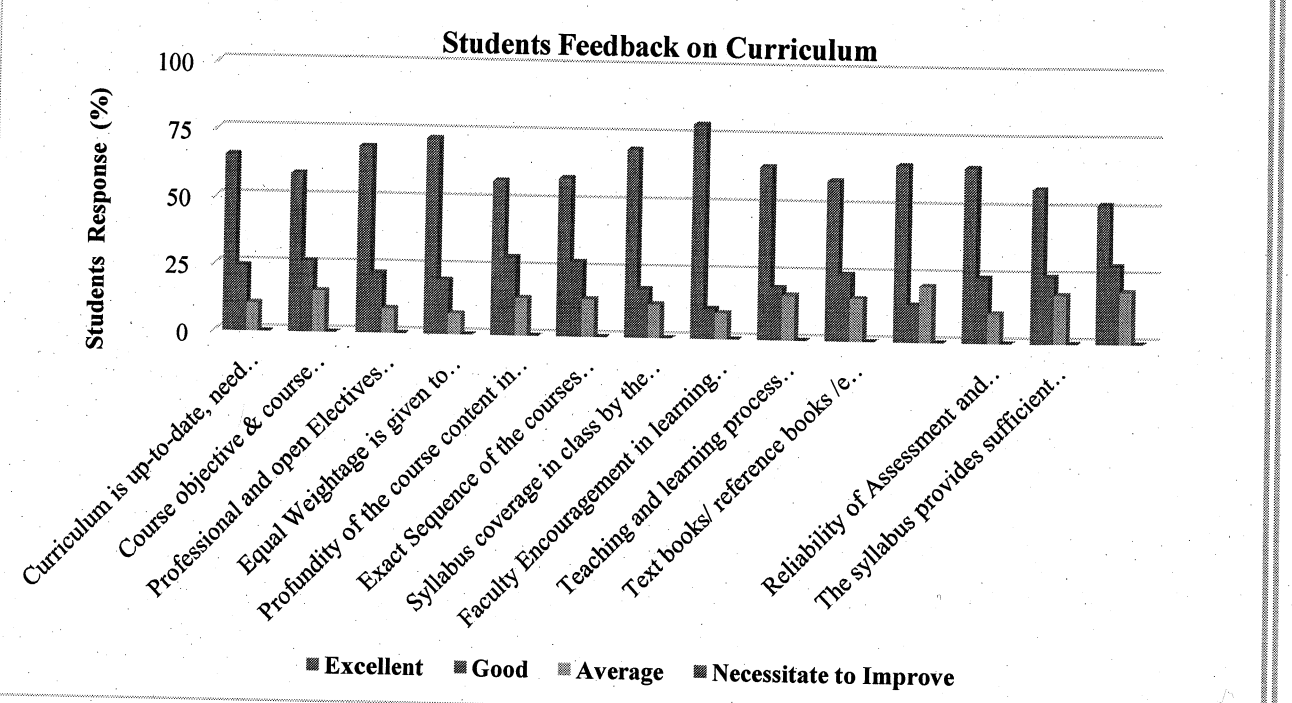
2022-2023

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	97	38	17		152
2.	Course objective & course outcomes are achieved in the syllabus.	87	41	24		152
3.	Professional and open Electives offered are supportive to the core papers.	102	35	15		152
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	107	32	13		152
5.	Profundity of the course content in the syllabus.	85	45	22		152
6.	Exact Sequence of the courses provided in the curriculum	87	43	22		152
7.	Syllabus coverage in class by the teaching faculty	103	29	20		152
8.	Faculty Encouragement in learning process	117	19	16		152
9.	Teaching and learning process enables clear understanding of the course content.	95	31	26		152
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	88	39	25		152
11.	Availability of library resources in central and departmental library.	97	23	32		152

12.	Reliability of Assessment and Evaluation Process.	96	38	18		152
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	85	39	28		152
14.	Curriculum has ability to develop Entrepreneurship and Employability.	77	45	30		152

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	66	24	10	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	59	26	15	0	100
3.	Professional and open Electives offered are supportive to the core papers.	69	22	9	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	72	20	8	0	100
5.	Profundity of the course content in the syllabus.	57	29	14	0	100
6.	Exact Sequence of the courses provided in the curriculum.	59	28	14	0	100
7.	Syllabus coverage in class by the teaching faculty.	70	18	12	0	100
8.	Faculty Encouragement in learning process.	79	11	10	0	100
9.	Teaching and learning process enables clear understanding of the course content.	64	19	17	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and	59	25	16	0	100

	updated.					
11.	Availability of library resources in central and departmental library.	66	14	21	0	100
12.	Reliability of Assessment and Evaluation Process.	65	24	11	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	57	25	18	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	52	29	19	0	100



REPORT

Curriculum is up-to-date, need based and application oriented
Course objective & course outcomes are achieved in the syllabus
Professional and open Electives offered are supportive to the core papers

Criterion I
Feedback System

Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content
Profundity of the course content in the syllabus
Exact Sequence of the courses provided in the curriculum
Syllabus coverage in class by the teaching faculty
Faculty Encouragement in learning process
Teaching and learning process enables clear understanding of the course content.
Text books/ reference books /e content recommended in the syllabus are relevant and updated.
Availability of library resources in central and departmental library.
Reliability of Assessment and Evaluation Process.
The syllabus provides sufficient knowledge & perspective in the respective branch.
Curriculum has ability to develop Entrepreneurship and Employability.

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Chairman - BoS
CIVIL - HiCET

Signature of the
Dean Academics
Dean (Academics)
HiCET

DEPARTMENT OF CIVILENGINEERING

FACULTY FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVIL ENGINEERING

FACULTY FEEDBACK ANALYSIS

B.E (CivilEngineering)

2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	12				12
2.	Electives offered are supportive to the core papers	10	2			12
3.	Implementation of Outcome Based Education	10	2			12
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	12				12
5.	Regulations and Scheme of Examination	10	2			12
6.	Semester-wise course content	12				12
7.	Content Delivery, Methodology and Learning Resources	12				12
8.	Availability of library resources supports Text and Reference Books suggested to study	9	3			12
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	11	1			12

10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	12				12

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	83	17	0	0	100
3.	Implementation of Outcome Based Education	83	17	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100	0	0	0	100
5.	Regulations and Scheme of Examination	83	17	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	92	8	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

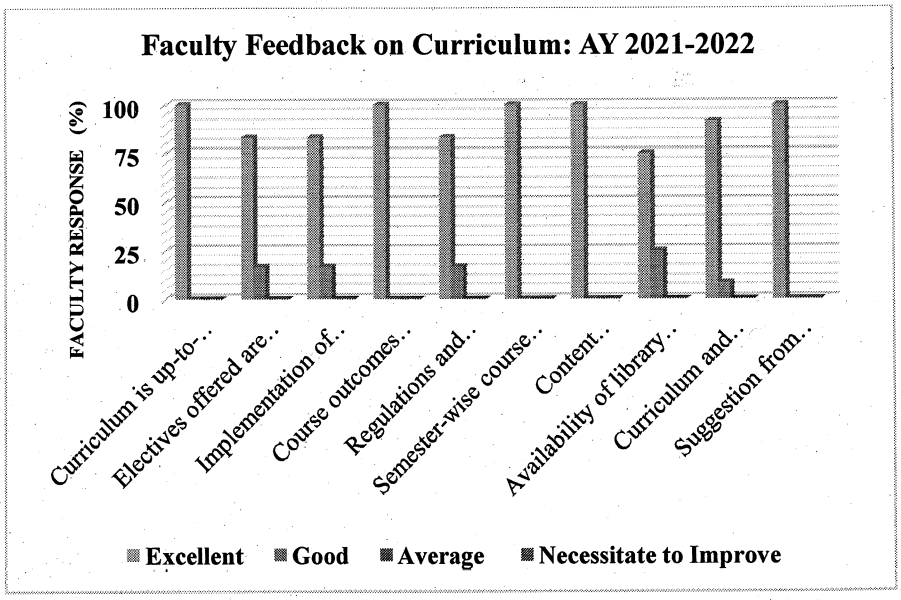

Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

- Curriculum is up-to-date, need based and application oriented" 100 % as excellent.
- Electives offered are supportive to the core papers" scored 83%, and 17% as excellent, and good respectively.
- Implementation of Outcome Based Education" scored 83%, and 17% as excellent, and good respectively.
- Course outcomes contribute to the fulfilment of program outcomes (PO)" 100 % as excellent.
- Regulations and Scheme of Examination" scored 83%, and 17% as excellent, and good respectively.
- Semester-wise course content" 100 % as excellent.
- Content Delivery, Methodology and Learning Resources" 100 % as excellent.
- Availability of library resources supports Text and Reference Books suggested to study" scored 75%, and 25% as excellent, and good respectively.
- Curriculum and syllabus mainly focus students on industry ready, creating

opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 92%, and 8% as excellent, and good respectively.

- Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" 100 % as excellent.

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Dean (Academics)
HiCET

DEPARTMENT OF CIVIL ENGINEERING

PARENTS FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

PARENTS FEEDBACK ANALYSIS

B.E (Civil Engineering)

2022-2023

Table.1. Consolidated Parent's Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	68	25	17		110
2.	Teaching Faculty treat the students equally irrespective of the background	57	30	23		110
3.	Transparency of the evaluation system followed by the Institution	69	27	14		110
4.	Infrastructure and Lab Facility available to support the curriculum.	53	32	25		110
5.	Availability of the text and reference books in Central and Department library.	61	27	22		110

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	62	23	15	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	52	27	21	0	100
3.	Transparency of the evaluation system followed by the Institution	63	25	13	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	48	29	23	0	100
5.	Availability of the text and reference books in Central and Department library.	55	25	20	0	100

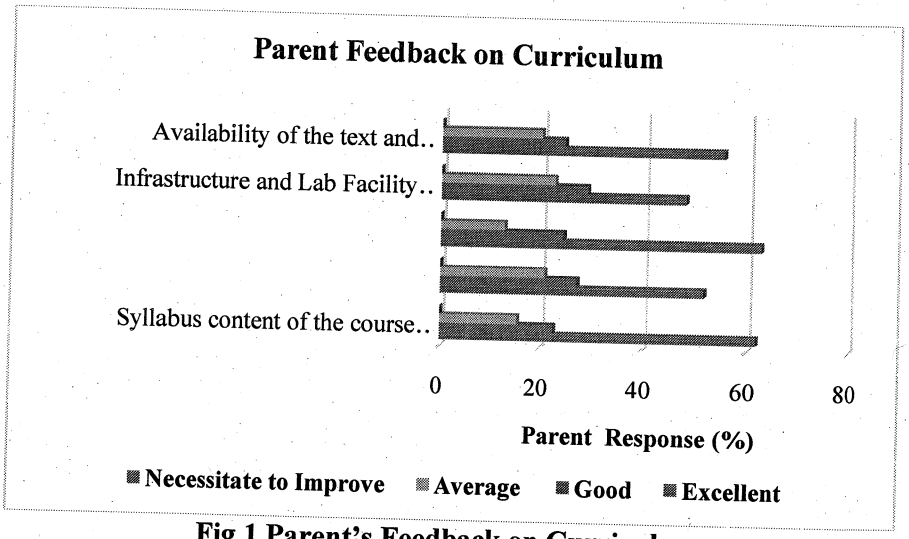

Fig.1.Parent's Feedback on Curriculum

REPORT

The parent's response to feedback on the curriculum was given:

- Syllabus content of the course which encourage the students self-learning" scored 62%, 23%, and 15% as excellent, good, and average respectively.
- Teaching Faculty treat the students equally irrespective of the background" scored 52%, 27%, and 21% as excellent, good, and average respectively.
- Transparency of the evaluation system followed by the Institution" scored 63%, 25%, and 13% as excellent, good, and average respectively.
- Infrastructure and Lab Facility available to support the curriculum" scored 48%, 29%, and 23% as excellent, good, and average respectively.
- Availability of the text and reference books in Central and Department library" scored 55%, 25%, and 20% as excellent, good, and average respectively.

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CIVIL - HICET

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HICET

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Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022 - 2023

B.E COMPUTER SCIENCE AND ENGINEERING

Student Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	69	12	3	2	86
2.	Course objective & course outcomes are achieved in the syllabus.	71	9	6	0	86
3.	Professional and open Electives offered are supportive to the core papers.	70	15	1	0	86
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	70	8	8	0	86
5.	Profundity of the course content in the syllabus.	60	17	5	4	86
6.	Exact Sequence of the courses provided in the curriculum	66	17	3	0	86
7.	Syllabus coverage in class by the teaching faculty	77	2	7	0	86
8.	Faculty Encouragement in learning process	78	4	3	1	86
9.	Teaching and learning process enables clear understanding of the course content.	74	5	5	2	86
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	65	15	4	2	86
11.	Availability of library resources in central and departmental library.	64	8	10	4	86
12.	Reliability of Assessment and Evaluation Process.	67	12	4	3	86

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	66	8	10	2	86
14.	Curriculum has ability to develop Entrepreneurship and Employability.	52	19	14	1	86

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80	14	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	83	10	7	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	17	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81	9	9	0	100
5.	Profundity of the course content in the syllabus.	70	20	6	5	100
6.	Exact Sequence of the courses provided in the curriculum.	77	20	3	0	100
7.	Syllabus coverage in class by the teaching faculty.	90	2	8	0	100
8.	Faculty Encouragement in learning process.	91	5	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	86	6	6	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	76	17	5	2	100

11.	Availability of library resources in central and departmental library.	74	9	12	5	100
12.	Reliability of Assessment and Evaluation Process.	78	14	5	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	77	9	12	2	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60	22	16	1	100

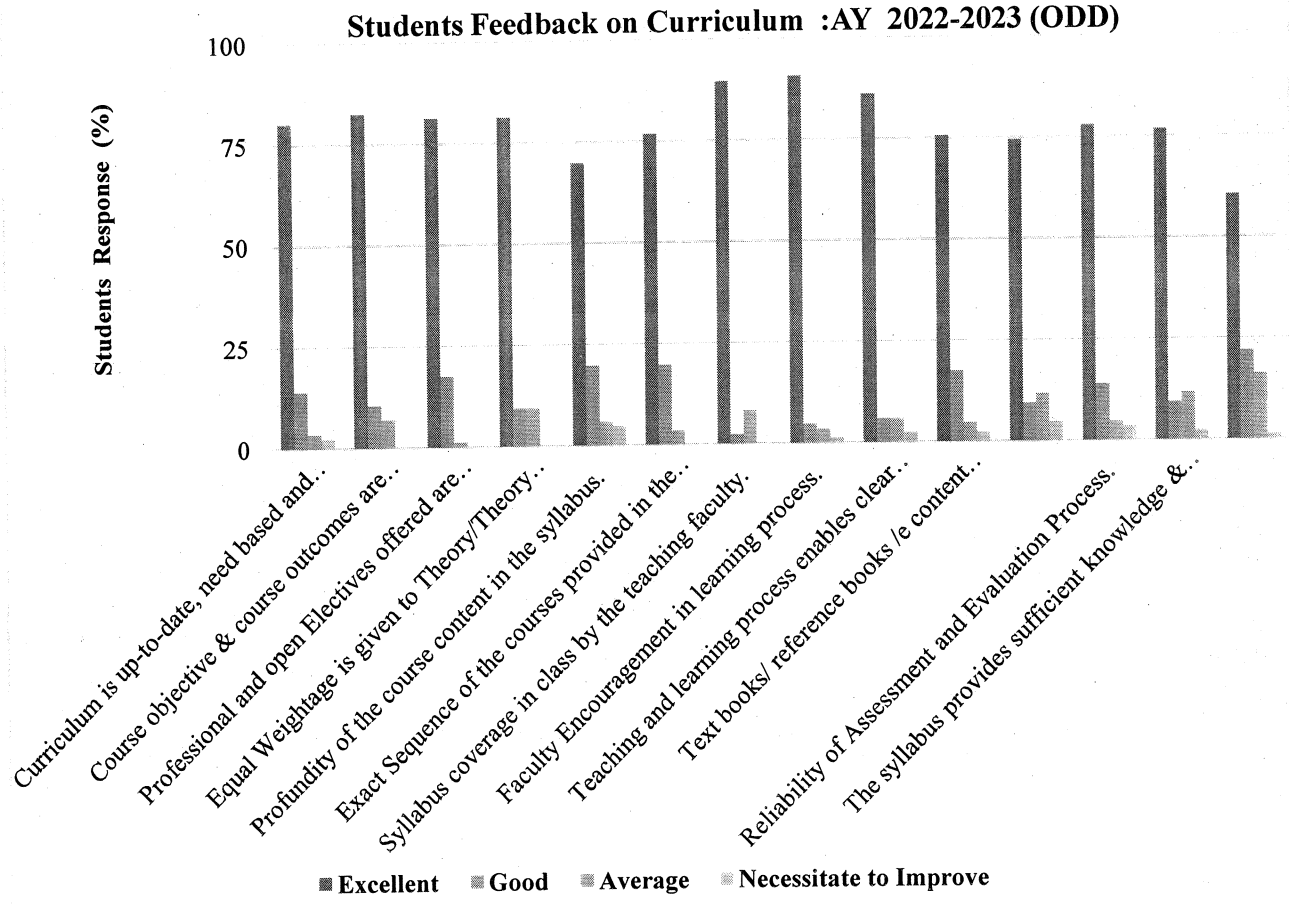

Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 80%, 14%, 3%, 2% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 83%, 10% and 7% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 81% as excellent, 17% as good and 1% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 81% as excellent, 9% as good and 9% as average.
5. Profundity of the course content in the syllabus scored 70%, 20%, 6%, 5% as Excellent, good, average and necessitate to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 77%, 20% and 3% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 90%, 2% and 8% as Excellent, good and average to improve respectively.
8. Faculty Encouragement in learning process scored 91% as excellent, 5% as good, 3% as average and 1% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 86% as excellent, 6% as good, 6% as average and 2% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 76% as excellent, 17% as good, 5% as average and 2% as necessity to improve.
11. Availability of library resources in central and departmental library scored 74% as excellent, 9% as good, 12% as average and 5% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 78% as excellent, 14% as good, 5% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 77%, 9%, 12% and 2% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 60% as excellent, 22% as good, 16% as average and 1% as necessity to improve.

Chairman - BoS
CSE - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

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HiCET

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Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING

Alumni Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	20	9	3	0	32
2.	Regulations and Scheme of Examination	22	5	5	0	32
3.	Semester-wise course content	25	4	3	0	32
4.	Content Delivery, Methodology & Learning Resources	26	2	4	0	32
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	20	8	4	0	32
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	25	1	6	0	32
7.	Availability of library resources supports Text and Reference Books suggested to study	27	5	0	0	32

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	63	28	9	0	100
2.	Regulations and Scheme of Examination	69	16	16	0	100
3.	Semester-wise course content	78	13	9	0	100
4.	Content Delivery, Methodology & Learning Resources	81	6	13	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	63	25	13	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	78	3	19	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	84	16	0	0	100

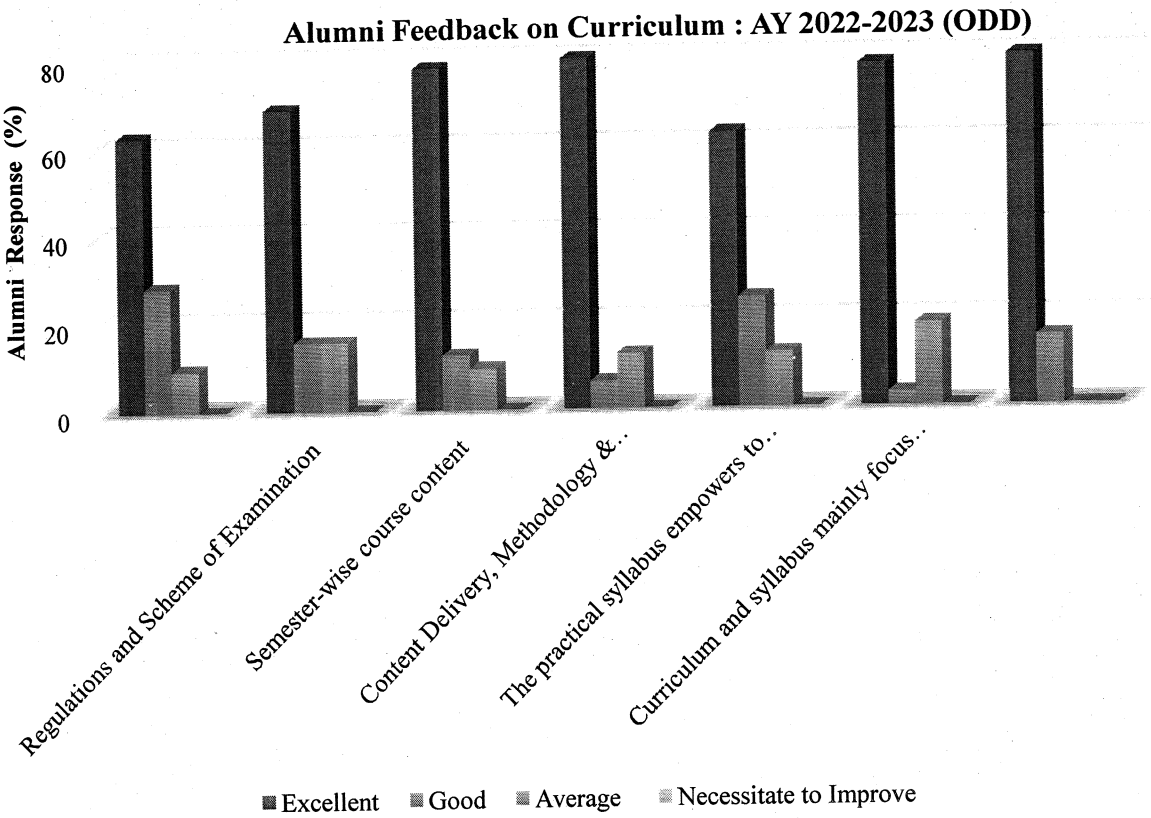

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 63% as excellent, 28% as good and 9% as average.
2. Regulations and Scheme of Examination scored 69% as excellent, 16% as good and 16% as average.
3. Semester-wise course content scored 78%, 13%, 9% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 81%, 6%, 13% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 63% as excellent, 25% as good and 13% as average.
6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/

Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 78% as excellent, 3% as good and 19% as average.

7. Availability of library resources supports Text and Reference Books suggested to study scored 84% as excellent and 16% as good

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B.E COMPUTER SCIENCE AND ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING

Parents Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	10	6	2	0	18
2.	Teaching Faculty treat the students equally irrespective of the background	14	3	1	0	18
3.	Transparency of the evaluation system followed by the Institution	11	5	2	0	18
4.	Infrastructure and Lab Facility available to support the curriculum.	10	4	4	0	18
5.	Availability of the text and reference books in Central and Department library.	13	3	2	0	18

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	56	33	11	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	78	17	6	0	100
3.	Transparency of the evaluation system followed by the Institution	61	28	11	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	56	22	22	0	100
5.	Availability of the text and reference books in Central and Department library.	72	17	11	0	100

Parent Feedback on Curriculum : AY 2022-2023 (ODD)

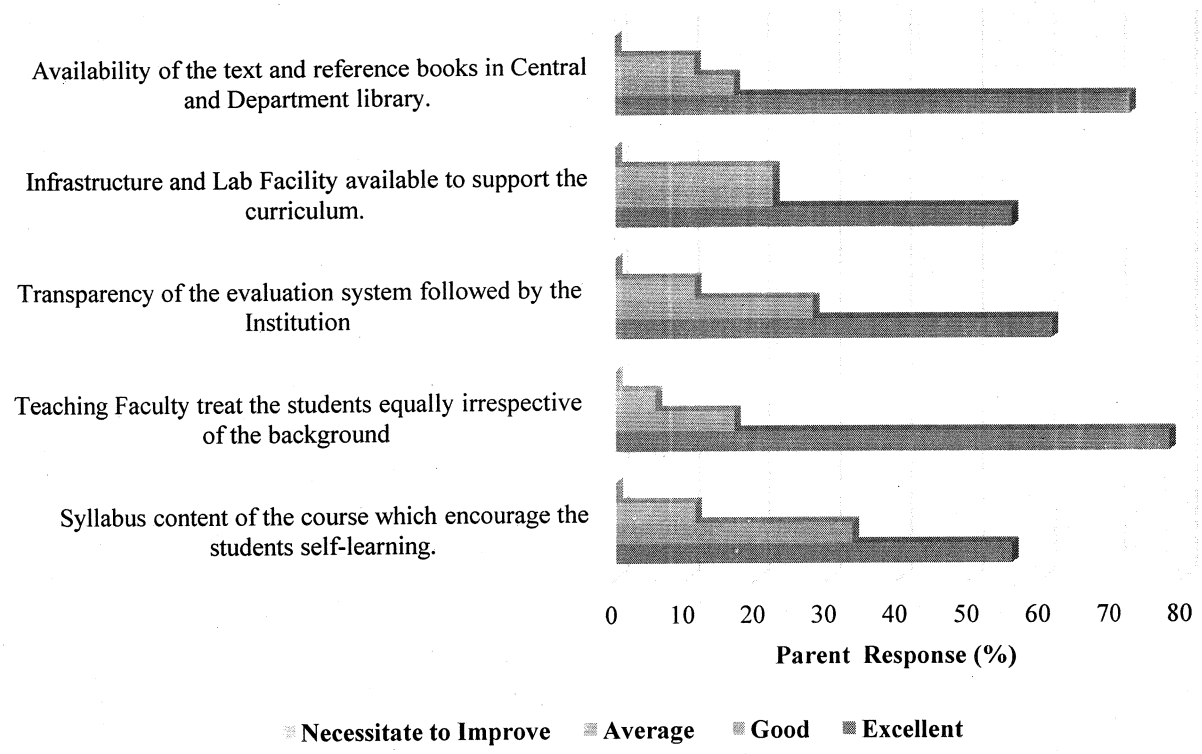

Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 56%, 33%, 11% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 78% as excellent, 17% as good and 6% as average.
3. Transparency of the evaluation system followed by the Institution scored 61%, 28%, 11% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 56% as excellent, 22% as good and 22% as average.
5. Availability of the text and reference books in Central and Department library scored 72%, 17%, 11% as excellent, good and average respectively.

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Hindusthan College of Engineering and Technology

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B.E COMPUTER SCIENCE AND ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING

Faculty Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	5	0	0	15
2.	Electives offered are supportive to the core papers	11	4	0	0	15
3.	Implementation of Outcome Based Education	12	3	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	13	2	0	0	15
6.	Semester-wise course content	14	1	0	0	15
7.	Content Delivery, Methodology and Learning Resources	12	3	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	67	33	0	0	100
2.	Electives offered are supportive to the core papers	73	27	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93	7	0	0	100
5.	Regulations and Scheme of Examination	87	13	0	0	100
6.	Semester-wise course content	93	7	0	0	100
7.	Content Delivery, Methodology and Learning Resources	80	20	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80	13	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93	7	0	0	100

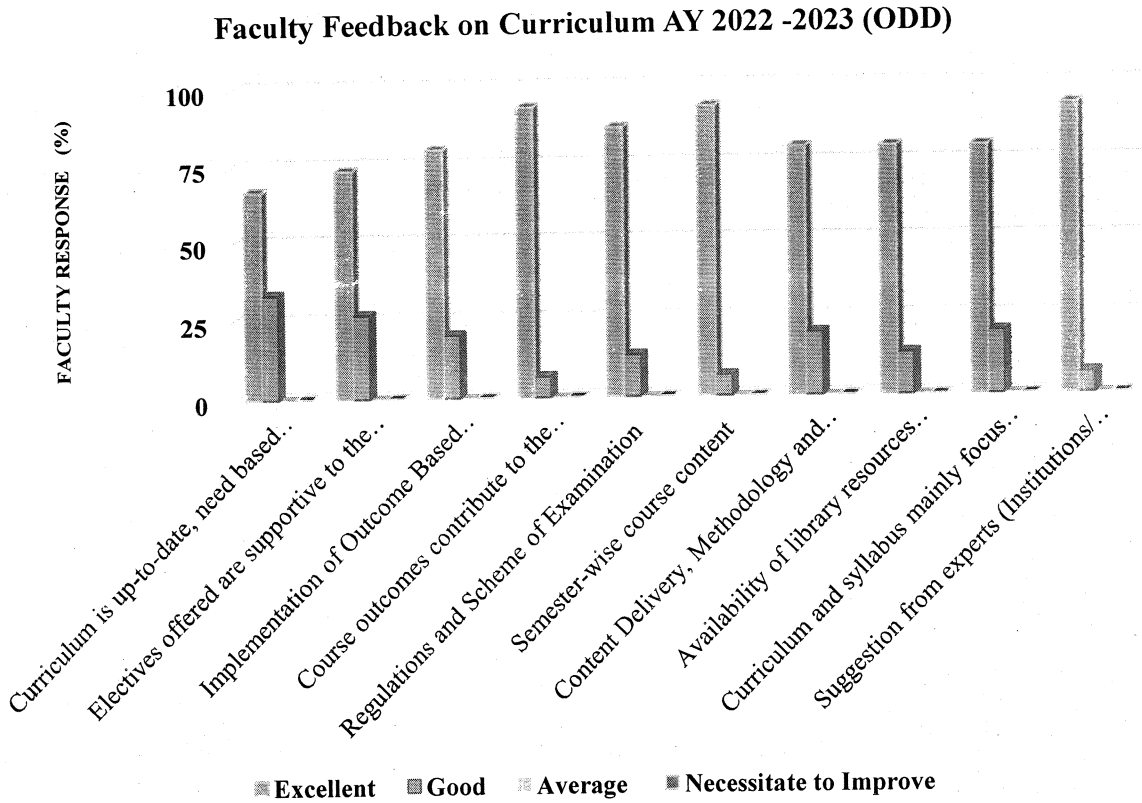

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 67% as excellent and 33% as good.
2. "Electives offered are supportive to the core papers" scored 73% and 27% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 80% and 20% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 93% as excellent and 7% as good.
5. "Regulations and Scheme of Examination" scored 87% and 13% as excellent and good respectively.
6. "Semester-wise course content" scored 93% and 7% as excellent and good respectively.

7. "Content Delivery, Methodology and Learning Resources" scored 80% as excellent and 20% as good.
8. " Availability of library resources supports Text and Reference Books suggested to study" scored 80% as excellent and 13% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 93% as excellent and 7% as good.

Suggestions:

- Suggested to introduce some advanced courses in Honours verticals R2022.
- Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

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B.E COMPUTER SCIENCE AND ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING

Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	1	0	6
2.	Implementation of Outcome Based Education	3	1	1	1	6
3.	Quality of PEOs, POs and COs	2	2	1	1	6
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	1	2	0	6
6.	Content Delivery, Methodology and Learning Resources	3	3	0	0	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	33	17	0	100
2.	Implementation of Outcome Based Education	50	17	17	17	100
3.	Quality of PEOs, POs and COs	33	33	17	17	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	17	33	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	17	100
10.	Panel of Examiners	50	33	17	0	100

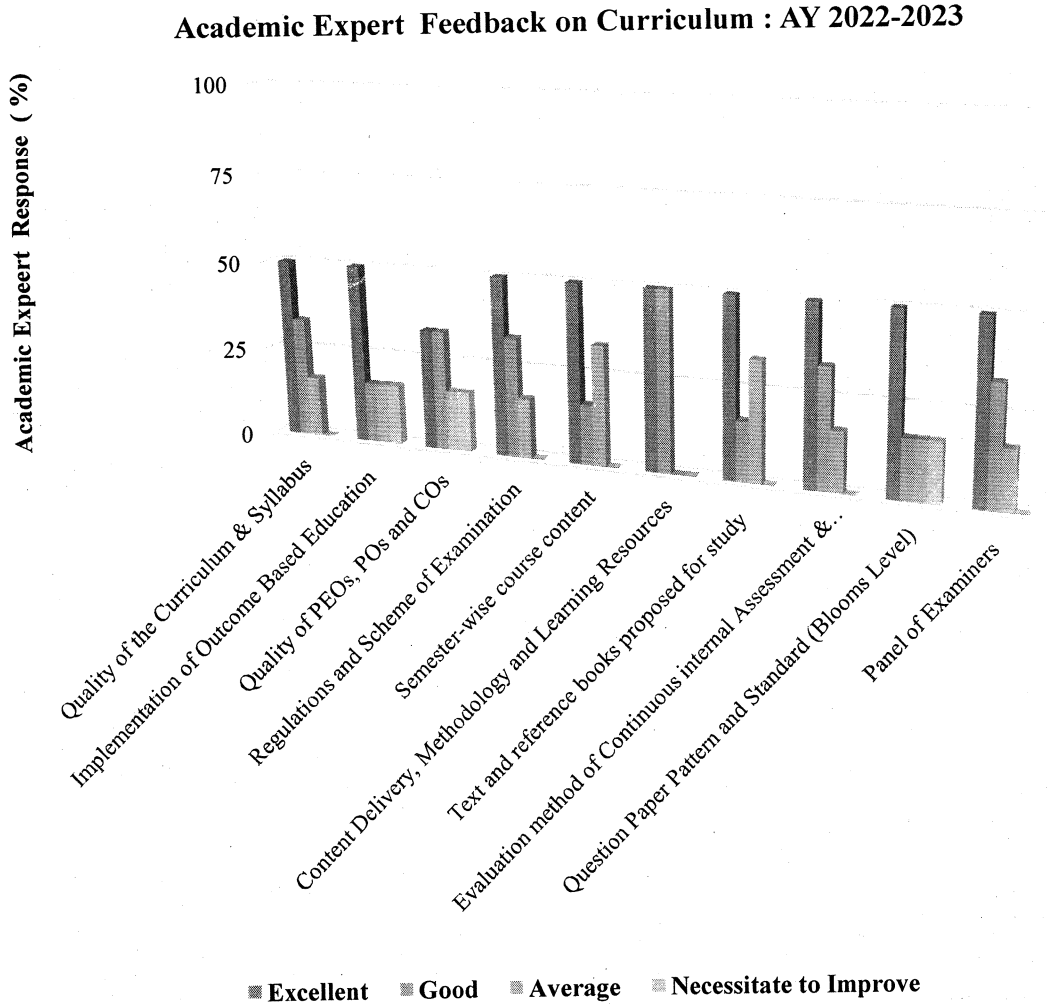

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 33%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 50% as excellent, 17% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 17% and 17% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 17%, 33% as excellent, good and average respectively.

6. Content Delivery, Methodology and Learning Resources scored 50% as excellent and 50% as good.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 50% as excellent, 17% as good, 17% as average and 17% as necessity to improve.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions

- Suggested to incorporate Recent editions of Text and Reference books in the syllabus.
- Recommended to include additional subjects in the Honours/Honours with specialization verticals so that, students can get more options to choose to enhance their basics on that corresponding stream.

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B.E COMPUTER SCIENCE AND ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING

Employer Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	1	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	4	1	1	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	17	17	17	100
2.	Implementation of Outcome Based Education	67	17	17	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	33	0	0	100
4.	Offered Courses related to Industry/employability	67	17	17	0	100
5.	Competencies/outcomes in relation to the course content	50	33	17	0	100

6.	Tools used for designing the experiments in terms of existing practices in the industries	67	17	17	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	67	33	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	67	17	17	0	100

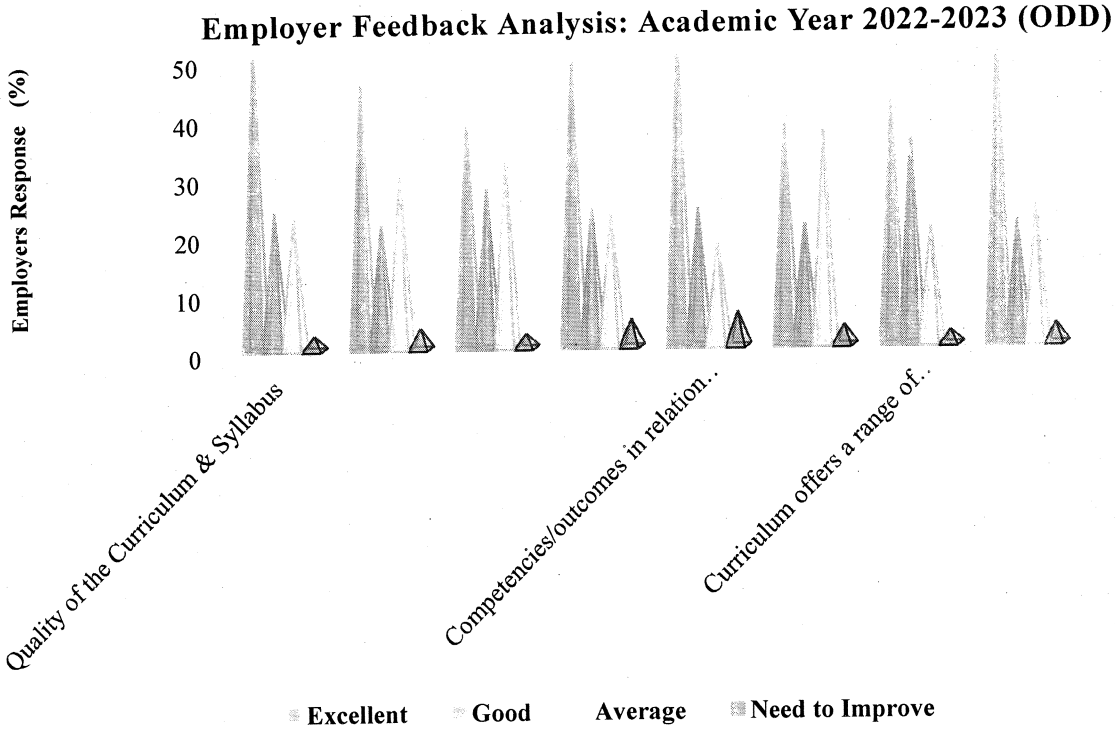

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 17%, 17%, 17% as excellent, good, average and necessity to improve respectively.
2. Implementation of Outcome Based Education scored 67% as excellent, 17% as good and 17% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 67% and 33% as excellent and good respectively.
4. Offered Courses related to Industry/employability scored 67%, 17% and 14% as excellent, good and average respectively.
5. Competencies/outcomes in relation to the course content scored 50% as excellent, 33% as good and 17% as necessity to improve.
6. Tools used for designing the experiments in terms of existing practices in the industries scored 67% as excellent, 17% as average and 17% as necessity to improve.
7. Curriculum offers a range of professional and open electives/value-added courses scored 67% and 33% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 67% as excellent, 17% as good and 17% as average respectively.

Suggestions:

- ✓ Continue to expand opportunities for practical and hands-on learning such as, Internships, industry projects and field study.
- ✓ Collaborate with local industries to design real-time case studies.
- ✓ Maintain proper weightage on Project Phase I and Phase II.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Tensor flow, Keras and more advanced tools can be given as Value added course.
- ✓ Tools related to design experiment must be added in the syllabus

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ACADEMIC EXPERT FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year: 2022-2023

B.E Electronics and Instrumentation Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	4	2	0	0	6
3.	Quality of PEOs, POs and COs	5	1	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	4	2	0	0	6
7.	Text and reference books proposed for study	4	1	1	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	5	1	0	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2	Implementation of Outcome Based Education	67	33	0	0	100
3.	Quality of PEOs, POs and COs	83	17	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	67	33	0	0	100
7.	Text and reference books proposed for study	67	17	17	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	16	100
10.	Panel of Examiners	83	17	0	0	100

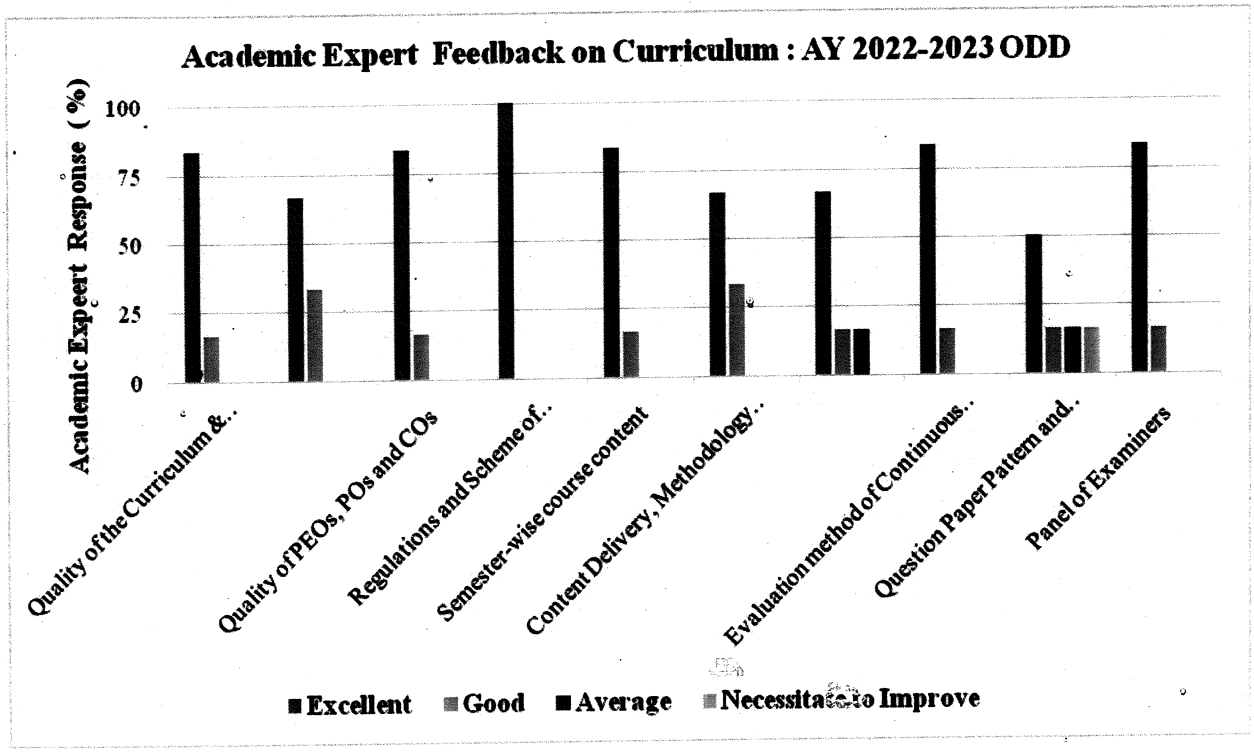

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good.
- The Quality of PEOs, POs and COs, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Question Paper Pattern and Standard (Blooms Level), 50% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and

17% are given as Average and 16% are suggested to improve.

- For Panel of Examiners, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good

Suggestions:

- Suggested to incorporate advanced programming languages java instead of C programming in R2022.
- Suggested to include application oriented topics and new era technologies in the higher semester syllabus for R2022.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Members suggested to ensure advanced instrumentation and control subjects to be incorporated for the students who study B.E Honours Degree in R2022.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

STUDENTS FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year: 2022-2023

B.E Electronics and Instrumentation Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	46	2	0	0	48
2.	Course objective & course outcomes are achieved in the syllabus.	44	3	1	0	48
3.	Professional and open Electives offered are supportive to the core papers.	48	0	0	0	48
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	46	2	0	0	48
5.	Profundity of the course content in the syllabus.	44	3	1	0	48
6.	Exact Sequence of the courses provided in the curriculum	42	4	2	0	48
7.	Syllabus coverage in class by the teaching faculty	48	0	0	0	48
8.	Faculty Encouragement in learning process	48	0	0	0	48
9.	Teaching and learning process enables clear understanding of the course content.	46	1	1	0	48
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	42	4	2	0	48
11.	Availability of library resources in central and departmental library.	40	5	2	1	48
12.	Reliability of Assessment and Evaluation Process.	39	5	3	1	48
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	46	2	0	0	48
14.	Curriculum has ability to develop Entrepreneurship and Employability.	45	3	0	0	48

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	96	4	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	92	6	2	0	100
3.	Professional and open Electives offered are supportive to the core papers.	100	0	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	96	4	0	0	100
5.	Profundity of the course content in the syllabus.	92	6	2	0	100
6.	Exact Sequence of the courses provided in the curriculum.	88	8	4	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	100	0	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	2	2	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	88	8	4	0	100
11.	Availability of library resources in central and departmental library.	83	10	4	2	100
12.	Reliability of Assessment and Evaluation Process.	81	10	6	2	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	96	4	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	94	6	0	0	100

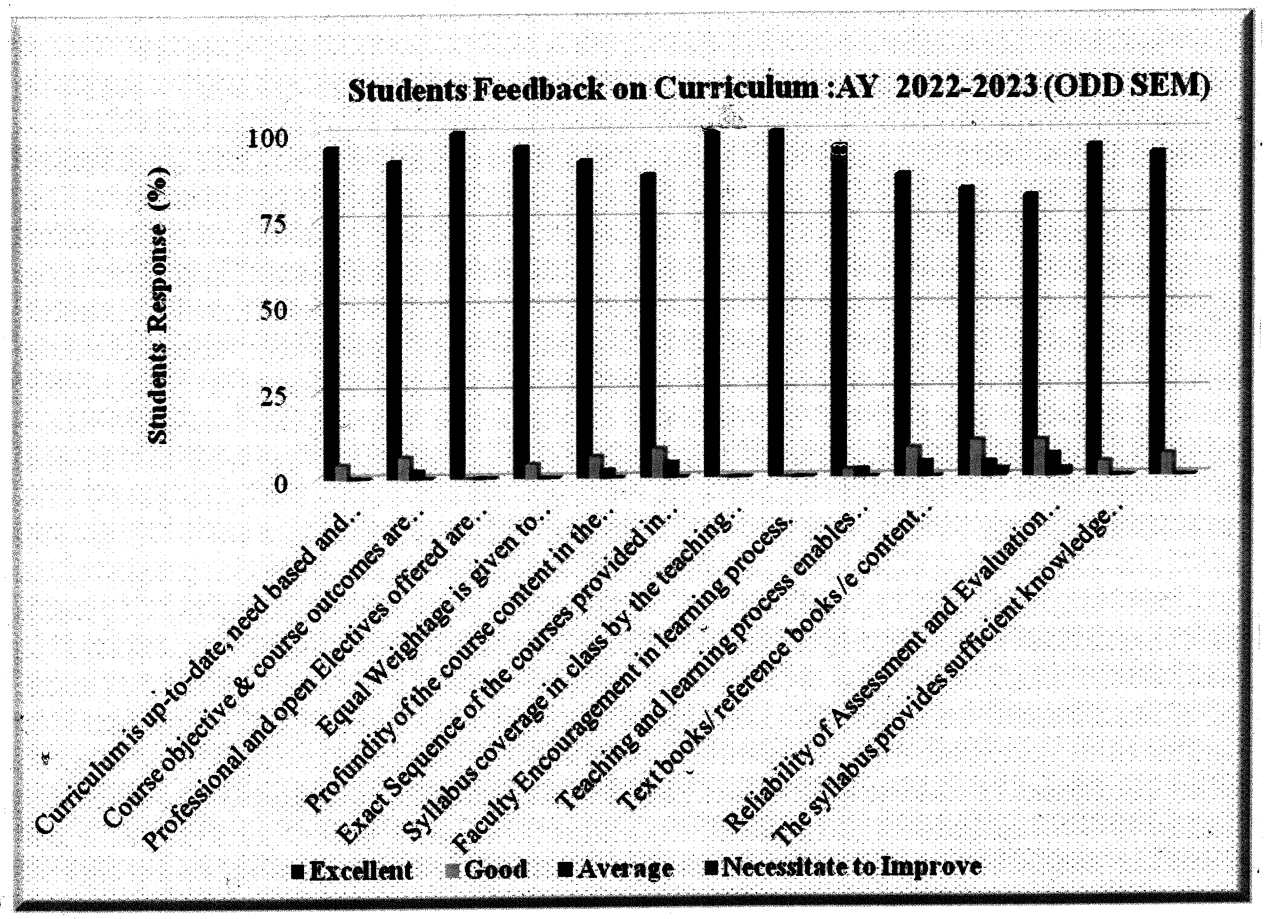

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 96% of students are highly satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 92% of students are highly satisfied, 6% of students are satisfied only 2 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers all 100 % of students are highly satisfied.
- In the Equal Weightage is given to theory and practical course content 96 % of students are Very satisfied.
- Considering the use of Profundity of the course content in the syllabus 92% of students are highly satisfied, only 6% of students are satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 88 % of students are highly satisfied, 8 % of students are satisfied and only 4 % of students are moderately satisfied.

- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, all 100% of students are highly satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 2% of students are satisfied and 2 % of students are moderately satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 88% of students are highly satisfied, 8% of students are satisfied and only 4% of students are moderately satisfied.
- Reliability of assessment & evaluation process 81% of students are highly satisfied, 10% of students are satisfied and 6% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch. 96 % of students are highly satisfied, only 4% of students are satisfied and 4% of students are moderately satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 94% of students are highly satisfied, only 6% of students are satisfied.

Suggestions:

- Offer skill development training sessions, workshops and boot camps to equip students with essential entrepreneurial and employability skills.
- Offer more value added courses.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

FACULTY FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year: 2022-2023

B.E Electronics and Instrumentation Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	0	0	0	8
2.	Electives offered are supportive to the core papers	7	1	0	0	8
3.	Implementation of Outcome Based Education	6	2	0	0	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	2	0	0	8
5.	Regulations and Scheme of Examination	8	0	0	0	8
6.	Semester-wise course content	8	0	0	0	8
7.	Content Delivery, Methodology and Learning Resources	7	1	0	0	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	0	0	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	0	0	0	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8	0	0	0	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100.00
2.	Electives offered are supportive to the core papers	88	12	0	0	100.00
3.	Implementation of Outcome Based Education	75	25	0	0	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	75	25	0	0	100.00
5.	Regulations and Scheme of Examination	100	0	0	0	100.00
6.	Semester-wise course content	100	0	0	0	100.00
7.	Content Delivery, Methodology and Learning Resources	88	13	0	0	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100	0	0	0	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100.00

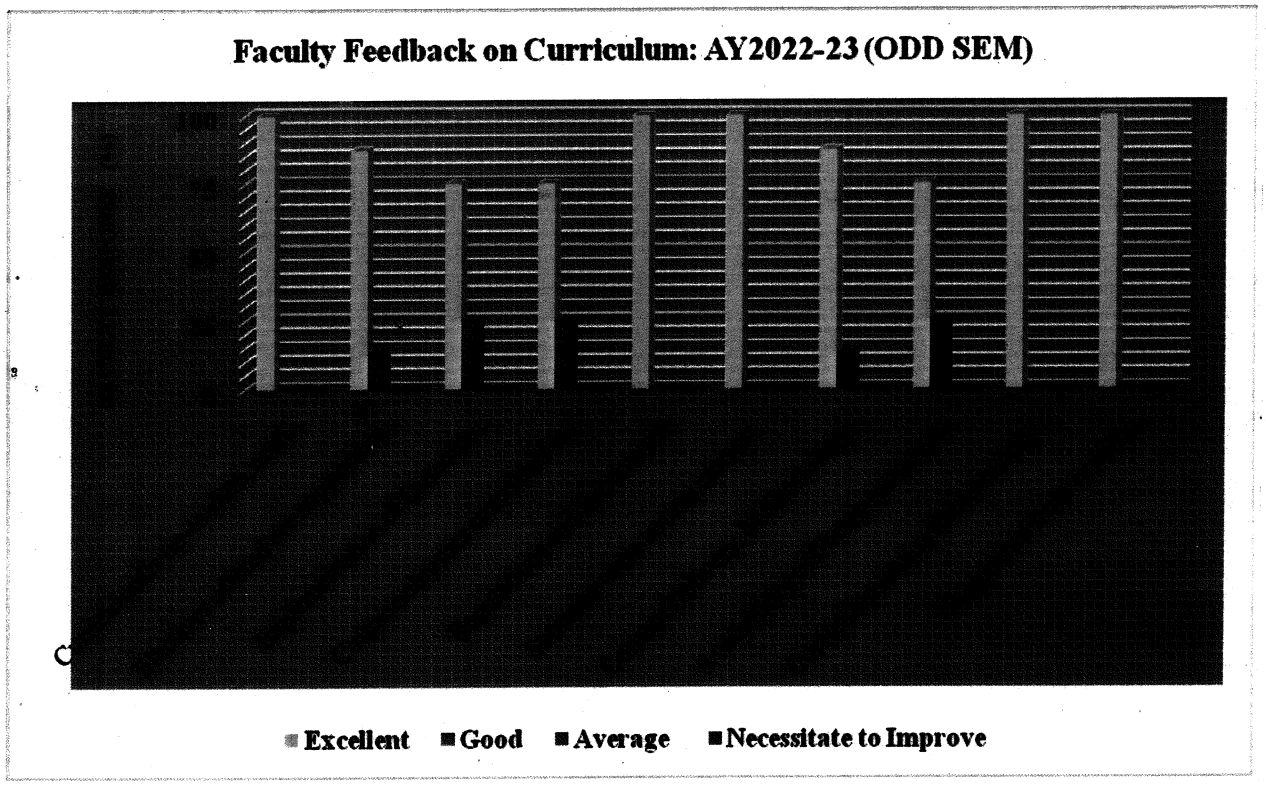

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Implementation of Outcome Based Education, 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, all 100 % of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources 93 % of faculties are highly satisfied and 7 % of faculties are satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 88 % of faculties are highly satisfied and 13 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, all 100% of faculties are highly satisfied.



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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ALUMNI FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year: 2022-2023

B.E Electronics and Instrumentation Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	20	2	0	0	22
2.	Regulations and Scheme of Examination	21	1	0	0	22
3.	Semester-wise course content	20	1	1	0	22
4.	Content Delivery, Methodology & Learning Resources	20	2	0	0	22
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	19	2	1	0	22
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	21	1	0	0	22
7.	Availability of library resources supports Text and Reference Books suggested to study	18	2	2	0	22

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	91	9	0	0	100
2.	Regulations and Scheme of Examination	95	5	0	0	100
3.	Semester-wise course content	91	5	4	0	100
4.	Content Delivery, Methodology & Learning Resources	91	9	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	86	9	5	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	95	5	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	82	9	9	0	100

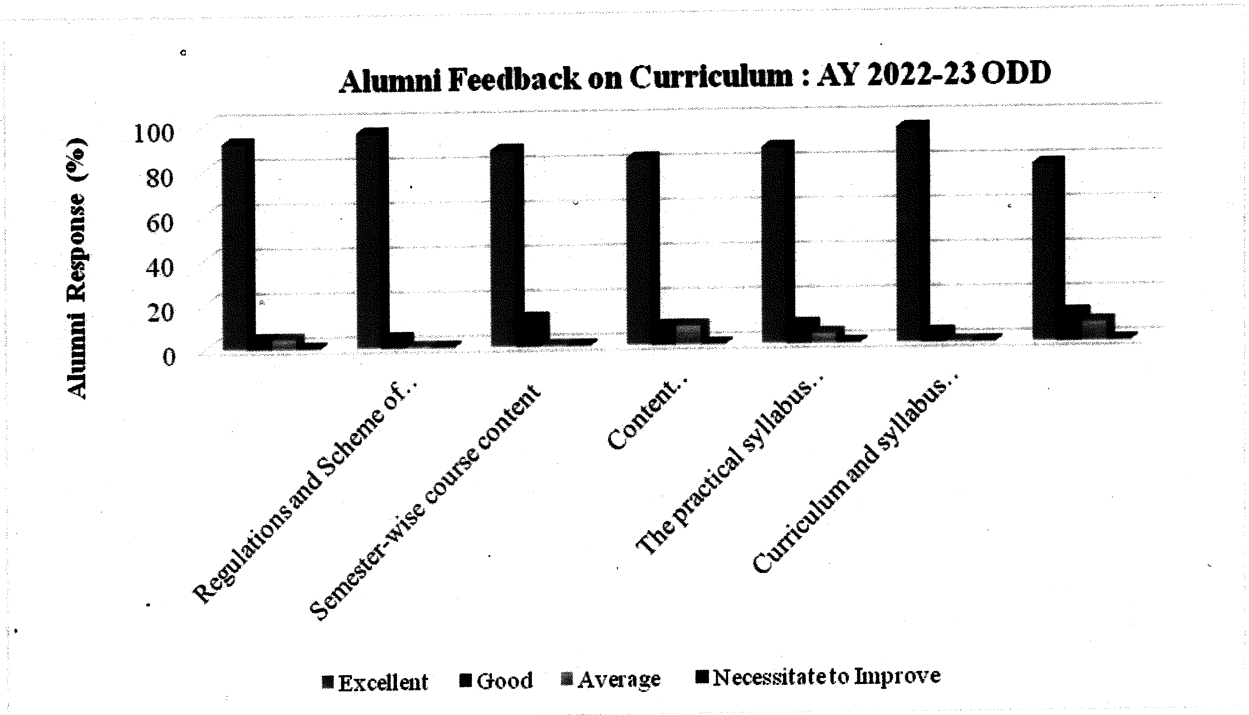

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 91% of Alumni are highly satisfied and 9% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination 95 % of Alumni are highly satisfied, only 5% of Alumni are satisfied.
- With respect to the Semester-wise course content 91 % of Alumni are highly satisfied, 5% of Alumni are satisfied and 4% of Alumni are moderately satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 91% of Alumni are highly satisfied, and 9% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 86% of Alumni are highly satisfied, 9 % of Alumni are satisfied and 5% of Alumni are moderately satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 82% of Alumni are highly satisfied, 9% of Alumni are satisfied and 9% of Alumni are moderately satisfied.

Suggestions:

- Encourage the students to learn and equip any one Foreign language during their studies.
- Introduce Value added courses in every semester.
- Provide LabVIEW fundamentals & LabVIEW hardware modules can be given as Additional course / VAC.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Invest in the latest educational technologies and digital resources to enhance the learning experience.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

PARENTS FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	11	1	0	0	12
2.	Teaching Faculty treat the students equally irrespective of the background	12	0	0	0	12
3.	Transparency of the evaluation system followed by the Institution	11	1	0	0	12
4.	Infrastructure and Lab Facility available to support the curriculum.	11	1	0	0	12
5.	Availability of the text and reference books in Central and Department library.	9	2	1	0	12

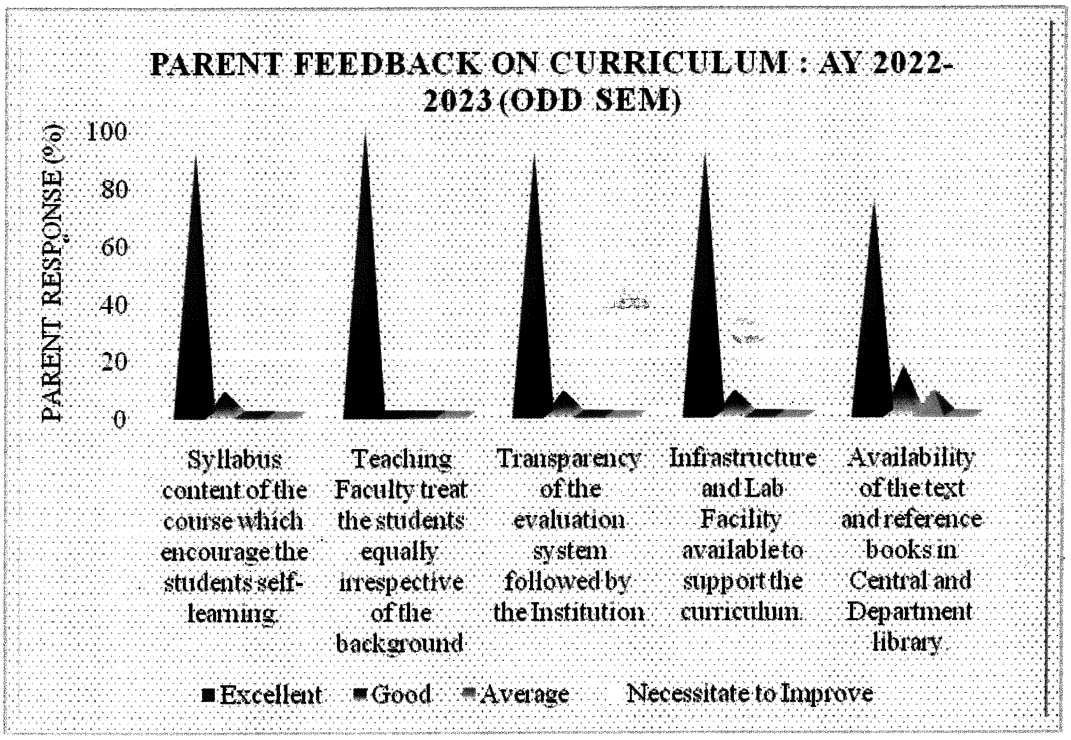

Fig.1.Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 92 % of parents are highly satisfied, and 8 % of parents are satisfied
- Infrastructure and Lab Facility available to support the curriculum 92 % of parents are highly satisfied, and 8 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 75 % of parents are highly satisfied, 17 % of parents are satisfied and 8 % of parents are moderately satisfied.

Suggestions:

- ❖ Provide value added or skill development courses for every semester.
- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources like NPTEL, COURSERA

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

EMPLOYER FEEDBACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	7	0	0	0	7
2.	Implementation of Outcome Based Education	5	1	1	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	7	0	0	0	7
4.	Offered Courses related to Industry/employability	6	1	0	0	7
5.	Competencies/outcomes in relation to the course content	6	2	0	0	8
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	2	0	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	5	1	1	0	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	7	0	0	0	7

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100.00
2.	Implementation of Outcome Based Education	71	14	15	0	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100.00
4.	Offered Courses related to Industry/employability	86	14	0	0	100.00
5.	Competencies/outcomes in relation to the course content	75	25	0	0	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	71	29	0	0	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	71	14	15	0	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	100	0	0	0	100.00

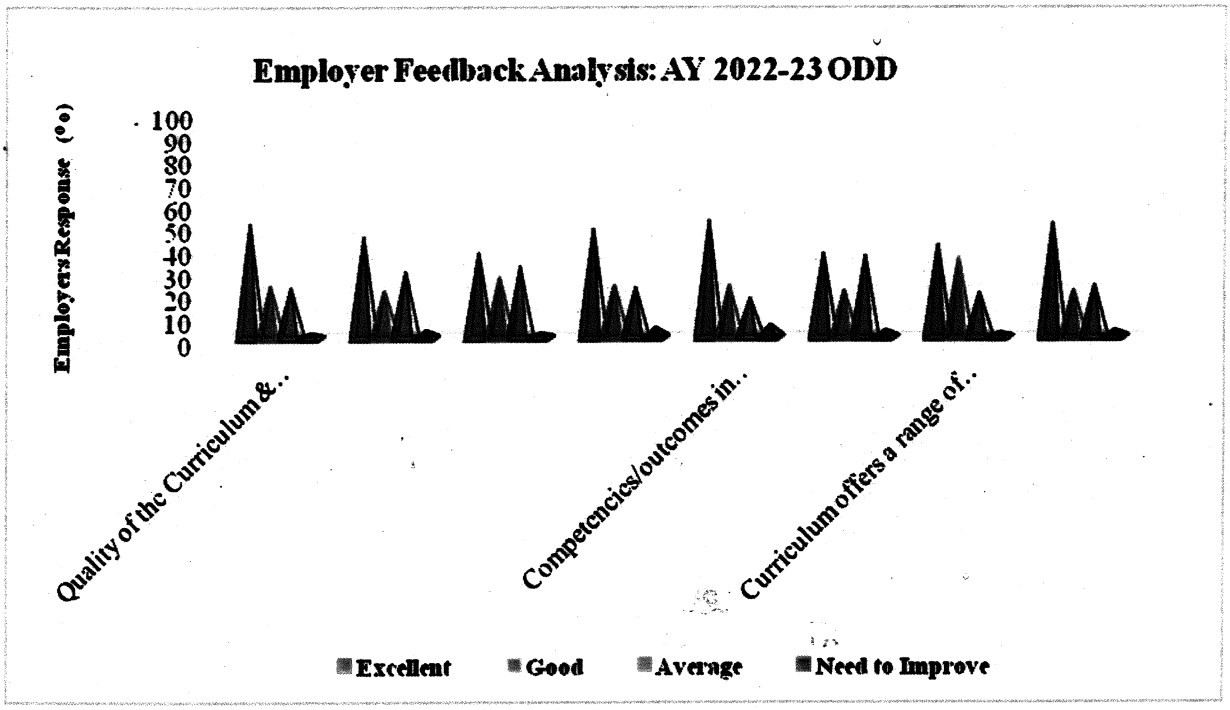

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, all 100% of Employers are given Excellent.
- Implementation of Outcome Based Education, 71% of Employers are given excellent, 14% of Employers are given good, also 14% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, all 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 86% of Employers are given excellent, 14% of Employers are given good.
- Competencies/outcomes in relation to the course content, 75% of Employers are given excellent, 25% of Employers are given good.
- Tools used for designing the experiments in terms of existing practices in the industries71% of Employers are given excellent, 29% of Employers are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 71% of Employers are given excellent, 14% of Employers are given good, 14% of Employers are marked as an average.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, all 100% of Employers are given excellent.

Suggestions:

- ✓ Ensure the students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Provide the advanced programming courses like C++ & JAVA either additional courses or AEC in R2022.
- ✓ Encourage to do more industrial projects and real time problem identifications.
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on Industry requirement and applications, case studies especially in Unit V.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ To conduct more number of outreach activities to improve the students' social connect with society.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	41	1	1	0	43
2.	Course objective & course outcomes are achieved in the syllabus.	40	3	0	0	43
3.	Professional and open Electives offered are supportive to the core papers.	36	7	0	0	43
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	35	8	0	0	43
5.	Profundity of the course content in the syllabus.	33	8	2	0	43
6.	Exact Sequence of the courses provided in the curriculum	37	4	2	0	43
7.	Syllabus coverage in class by the teaching faculty	32	6	5	0	43
8.	Faculty Encouragement in learning process	30	8	5	0	43
9.	Teaching and learning process enables clear understanding of the course content.	37	4	2	0	43
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	34	6	3	0	43
11.	Availability of library resources in central and departmental library.	27	7	9	0	43
12.	Reliability of Assessment and Evaluation Process.	31	10	2	0	43
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	33	5	5	0	43
14.	Curriculum has ability to develop Entrepreneurship and Employability.	26	10	7	0	43

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	95.35	2.33	2.33	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	93.02	6.98	0.00	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	83.72	16.28	0.00	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81.40	18.60	0.00	0.00	100
5.	Profundity of the course content in the syllabus.	76.74	18.60	4.65	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	86.05	9.30	4.65	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	74.42	13.95	11.63	0.00	100
8.	Faculty Encouragement in learning process.	69.77	18.60	11.63	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	86.05	9.30	4.65	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	79.07	13.95	6.98	0.00	100
11.	Availability of library resources in central and departmental library.	62.79	16.28	20.93	0.00	100
12.	Reliability of Assessment and Evaluation Process.	72.09	23.26	4.65	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	76.74	11.63	11.63	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60.47	23.26	16.28	0.00	100

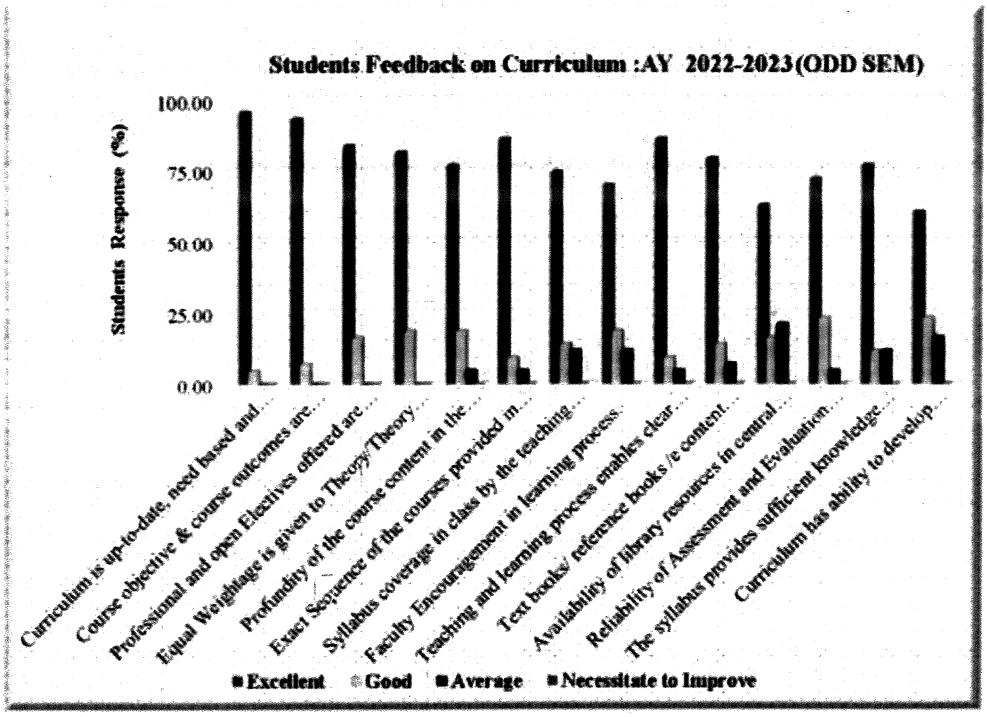

Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied.2% of students are satisfied and 2 % of students are moderately satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 93% of students are highly satisfied, 6% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 84 % of students are highly satisfied, 16 % of students are satisfied.
- In the Equal Weightage is given to theory and practical course content 81 % of students are highly satisfied 19 % of students are satisfied and 8 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 77% of students are highly satisfied, 19% of students are satisfied and 5 % of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 86 % of students are highly satisfied, 9 % of students are satisfied and 5 % of students are moderately satisfied.

- Syllabus coverage in class by the teaching faculty 74% of students are highly satisfied, 14% of students are satisfied and 11 % of students are moderately satisfied.
- Faculty Encouragement in learning process 70 % of students are highly satisfied, 19 % of students are satisfied and 11 % of students are moderately satisfied
- Teaching and learning process enables clear understanding of the course content 86 % of students are highly satisfied, 9% of students are satisfied and 4 % of students are moderately satisfied
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 79% of students are highly satisfied, 14% of students are satisfied and 7% of students are moderately satisfied
- Reliability of assessment & evaluation process 72% of students are highly satisfied, 23% of students are satisfied and 4% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch. 77 % of students are highly satisfied, 12% of students are satisfied and 12% of students are moderately satisfied
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 60% of students are highly satisfied, 23% of students are satisfied and 16 % of students are moderately satisfied.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	12	2	0	0	14
2.	Teaching Faculty treat the students equally irrespective of the background	12	2	0	0	14
3.	Transparency of the evaluation system followed by the Institution	10	4	0	0	14
4.	Infrastructure and Lab Facility available to support the curriculum.	9	2	3	0	14
5.	Availability of the text and reference books in Central and Department library.	9	2	3	0	14

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	85.71	14.29	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	85.71	14.29	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	71.43	28.57	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	64.29	14.29	21.43	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	64.29	14.29	21.43	0.00	100.00

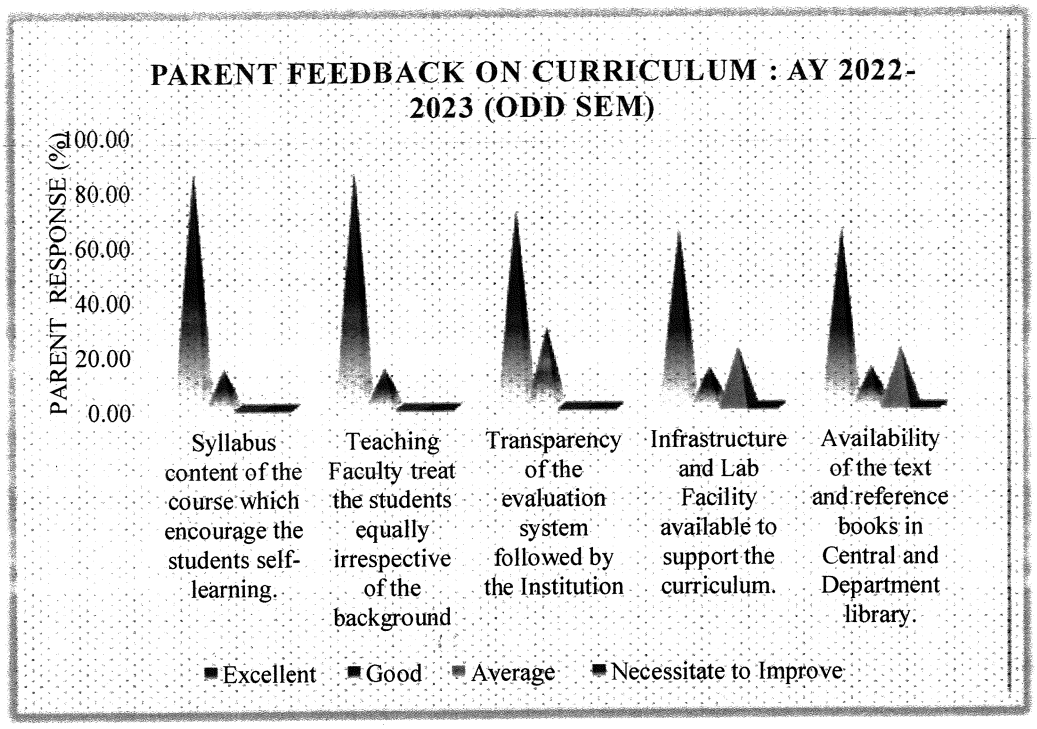

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 86 % of parents are highly satisfied, 14% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 86 % of parents are highly satisfied, 14% of parents are satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 71 % of parents are highly satisfied, 29 % of parents are satisfied.
- Infrastructure and Lab Facility available to support the curriculum 64 % of parents are highly satisfied, 14 % of parents are satisfied and 21 % of parents are averagely satisfied
- In the case of Availability of the text and reference books in Central and Department library 64 % of parents are highly satisfied, 14 % of parents are satisfied and 21 % of parents are averagely satisfied.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	1	0	0	9
2.	Electives offered are supportive to the core papers	8	1	0	0	9
3.	Implementation of Outcome Based Education	7	2	0	0	9
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	1	0	0	9
5.	Regulations and Scheme of Examination	7	2	0	0	9
6.	Semester-wise course content	9		0	0	9
7.	Content Delivery, Methodology and Learning Resources	7	2	0	0	9
8.	Availability of library resources supports Text and Reference Books suggested to study	4	2	3	0	9
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	9	0	0	0	9
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	9	0	0	0	9

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	88.89	11.11	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	88.89	11.11	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	77.78	22.22	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	88.89	11.11	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	77.78	22.22	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	77.78	22.22	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	77.78	22.22	0.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

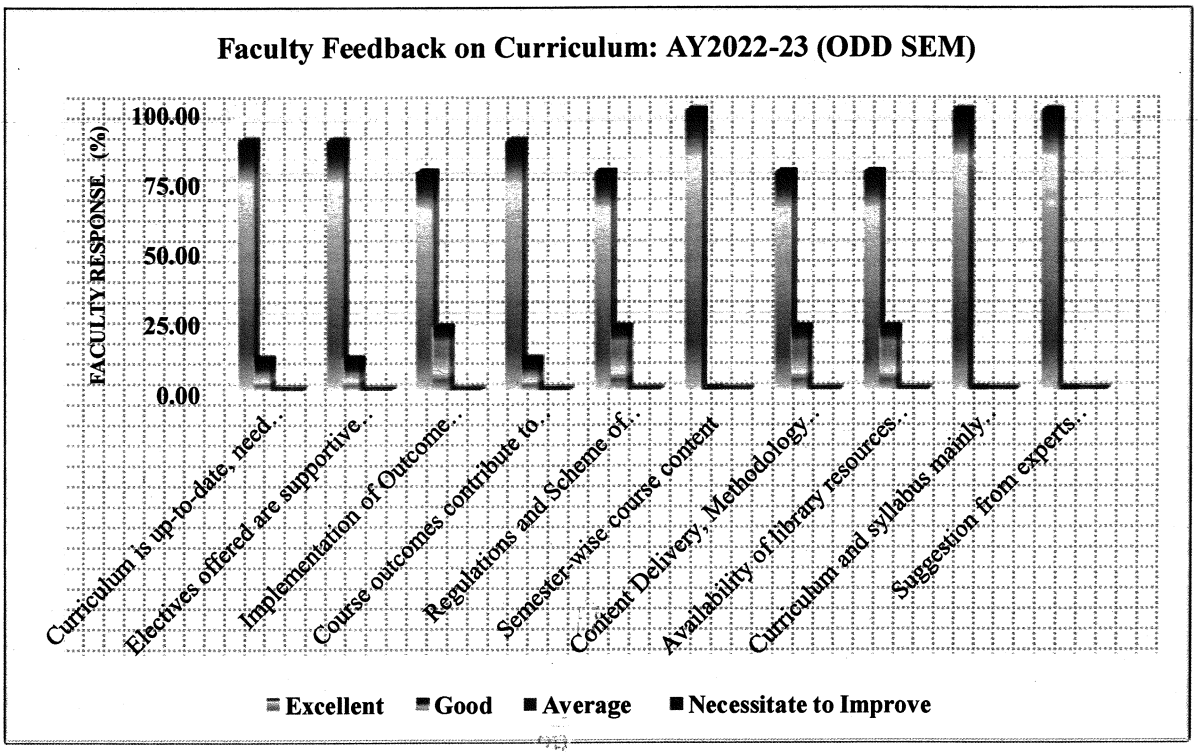

Fig.1.Faculty Feedback on Curriculum

- Regarding the Curriculum is up-to-date, need based and application oriented 89% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Implementation of Outcome Based Education papers 78 % of faculties is highly satisfied and 22 % of faculties are moderately satisfied.
- With respect to the Regulations and Scheme of Examination 78 % of faculties are highly satisfied and 22 % of faculties are moderately satisfied
- In the case of Semester-wise course content 100 % of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources 78 % of faculties are highly satisfied and 22 % of faculties are satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 77 % of faculties are highly satisfied and 28 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 100% of faculties are highly satisfied.
- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus 100 % of faculties are highly satisfied.

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Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E ELECTRONICS AND COMMUNICATION ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E -Electronics and Communication Engineering

EmployerFeedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	1	0	0	5
2.	Implementation of Outcome Based Education	4	1	0	0	5
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	2	0	0	5
4.	Offered Courses related to Industry/employability	4	0	1	0	5
5.	Competencies/outcomes in relation to the course content	4	0	1	0	5
6.	Tools used for designing the experiments in terms of existing practices in the industries	3	2	0	0	5
7.	Curriculum offers a range of professional and open electives/value-added courses	4	0	1	0	5
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	0	0	0	5

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80.00	20.00	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	80.00	20.00	0.00	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	60.00	40.00	0.00	0.00	100.00
4.	Offered Courses related to Industry/employability	80.00	0.00	20.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	80.00	0.00	20.00	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	60.00	40.00	0.00	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	80.00	0.00	20.00	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	100.00	0.00	0.00	0.00	100.00

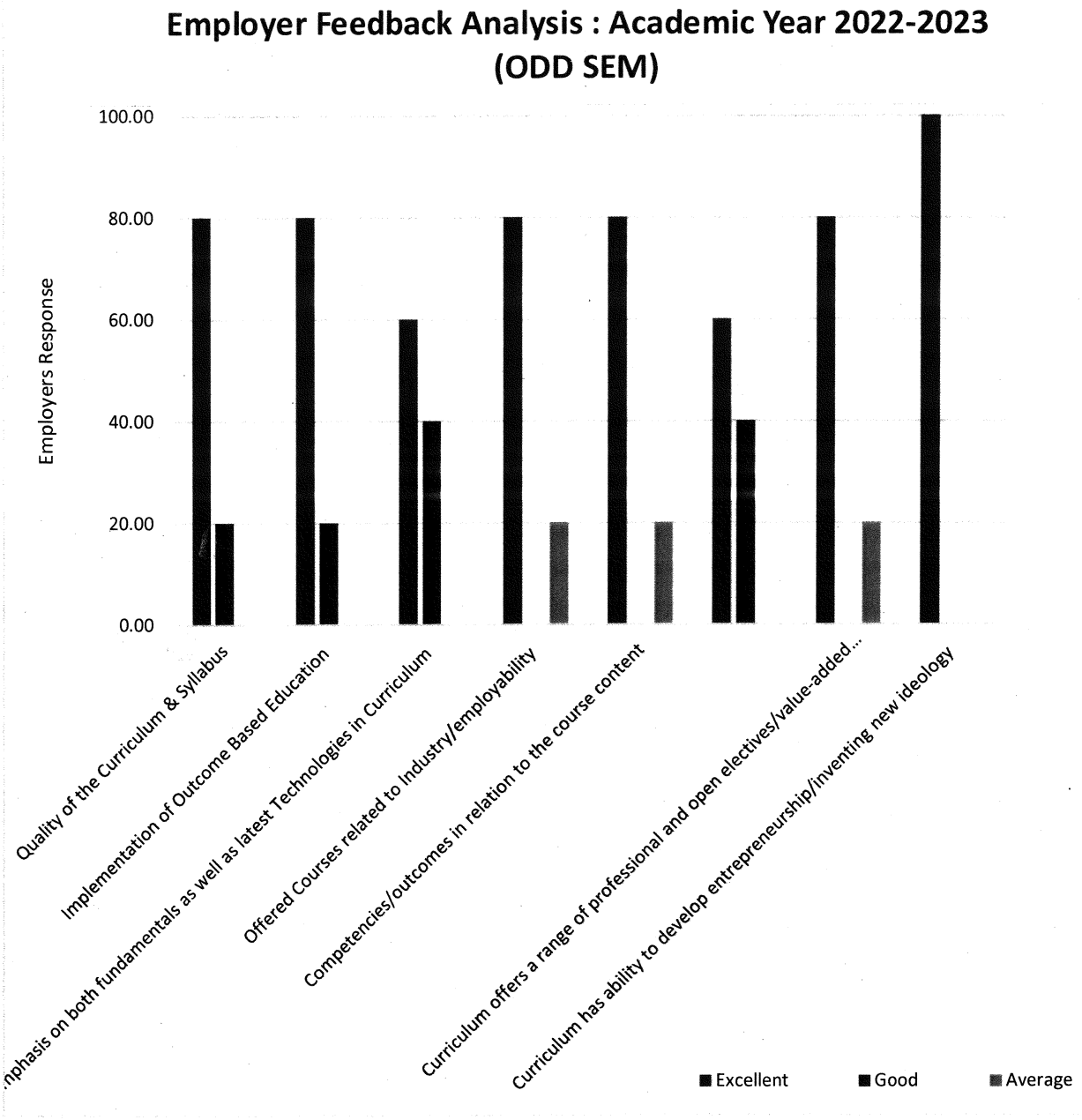

Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, 80 percentage of companies are given excellent, 20 percentage of the companies are given good.
- Implementation of Outcome Based Education, 80 percentage of companies are given excellent, 20 percentage of the companies are given good
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 60 percentage of companies are given excellent, 40 percentage of the companies are given good.

- Offered Courses related to Industry/employability, 80 percentage of companies are given excellent, 20 percentage of companies are marked as an average.
- Competencies/outcomes in relation to the course content, 80 percentage of companies are given excellent, 20 percentage of companies are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 60 percentage of companies are given excellent, 40 percentage of the companies are given good
- Curriculum offers a range of professional and open electives/value-added courses, 80 percentage of companies are given excellent, 20 percentage of the companies are given good.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 100 percentage of companies are given excellent

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in VLSI design subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in Wireless channel modelling using AI and signal processing in 6G.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
ECE - HiCET

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	15	2	1	0	18
2.	Regulations and Scheme of Examination	12	6	0	0	18
3.	Semester-wise course content	11	7		0	18
4.	Content Delivery, Methodology & Learning Resources	10	6	2	0	18
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	12	3	3	0	18
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	11	6	1	0	18
7.	Availability of library resources supports Text and Reference Books suggested to study	13	3	2	0	18

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	83.33	11.11	5.56	0.00	100
2.	Regulations and Scheme of Examination	66.67	33.33	0.00	0.00	100
3.	Semester-wise course content	61.11	38.89	0.00	0.00	100
4.	Content Delivery, Methodology & Learning Resources	55.56	33.33	11.11	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	66.67	16.67	16.67	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	61.11	33.33	5.56	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	72.22	16.67	11.11	0.00	100

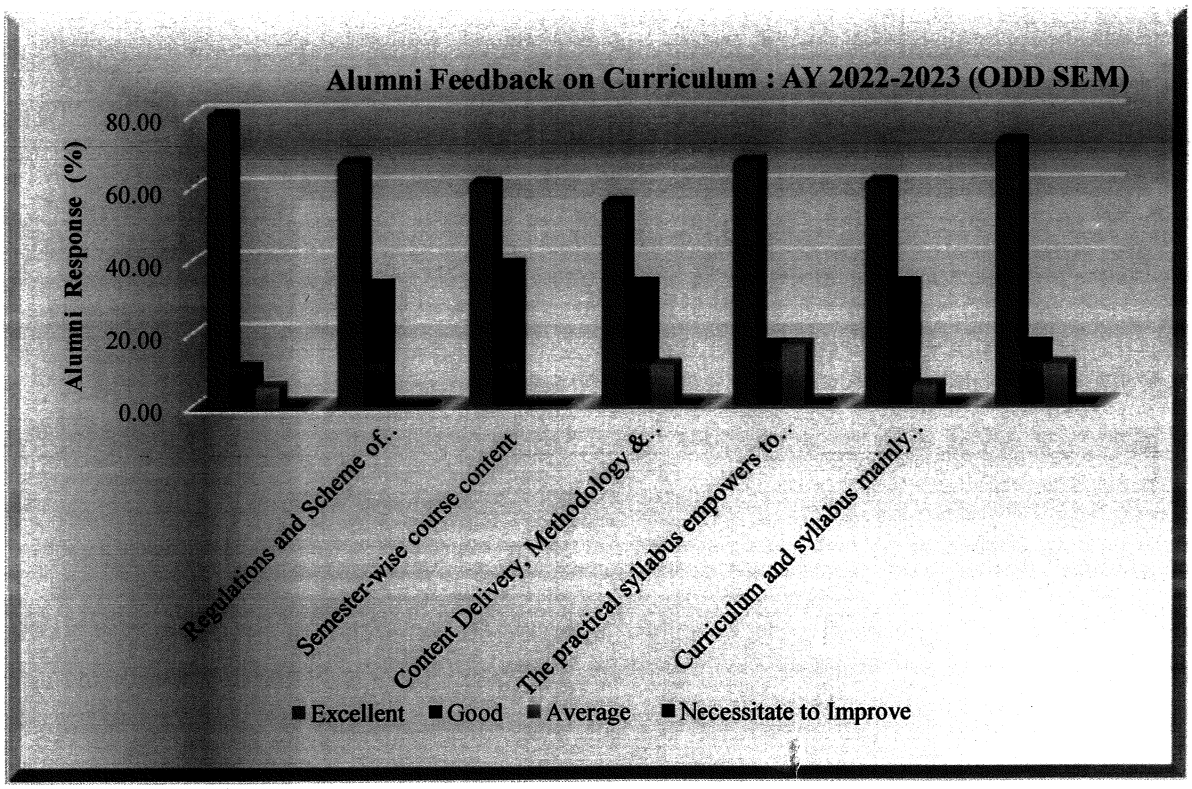

Fig.1.Alumni Feedback on Curriculum

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 84% of Alumni are highly satisfied 12% of Alumni are satisfied and 4% of Alumni are moderately satisfied.
- In the case of the Regulations and Scheme of Examination 67 % of Alumni are highly satisfied, 33% of Alumni are satisfied.
- With respect to the Semester-wise course content 61 % of Alumni are highly satisfied and 39% of Alumni are satisfied
- In the case of Content Delivery, Methodology & Learning Resources 56% of Alumni are highly satisfied, 33% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 67% of Alumni are highly satisfied, 16 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 61% of Alumni are highly satisfied, 33 % of Alumni are satisfied

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 72% of Alumni are highly satisfied and 17% of Alumni are satisfied

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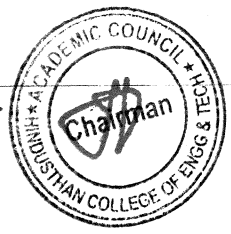

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Coimbatore 641 032

B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech –Electrical and Electronics Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	47	1	0	0	48
2.	Course objective & course outcomes are achieved in the syllabus.	40	8	0	0	48
3.	Professional and open Electives offered are supportive to the core papers.	38	9	1	0	48
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	40	7	1	0	48
5.	Profundity of the course content in the syllabus.	38	8	2	0	48
6.	Exact Sequence of the courses provided in the curriculum	39	7	2	0	48
7.	Syllabus coverage in class by the teaching faculty	38	6	4	0	48
8.	Faculty Encouragement in learning process	36	7	5	0	48
9.	Teaching and learning process enables clear understanding of the course content.	37	8	3	0	48
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	30	9	9	0	48
11.	Availability of library resources in central and departmental library.	29	10	9	0	48
12.	Reliability of Assessment and Evaluation Process.	32	12	4	0	48
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	38	5	5	0	48
14.	Curriculum has ability to develop Entrepreneurship and Employability.	29	11	8	0	48

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	97.92	2.08	0.00	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	83.33	16.67	0.00	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	79.17	18.75	2.08	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	83.33	14.58	2.08	0.00	100
5.	Profundity of the course content in the syllabus.	79.17	16.67	4.17	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	81.25	14.58	4.17	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	79.17	12.50	8.33	0.00	100
8.	Faculty Encouragement in learning process.	75.00	14.58	10.42	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	77.08	16.67	6.25	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	62.50	18.75	18.75	0.00	100
11.	Availability of library resources in central and departmental library.	60.42	20.83	18.75	0.00	100
12.	Reliability of Assessment and Evaluation Process.	66.67	25.00	8.33	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	79.17	10.42	10.42	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60.42	22.92	16.67	0.00	100

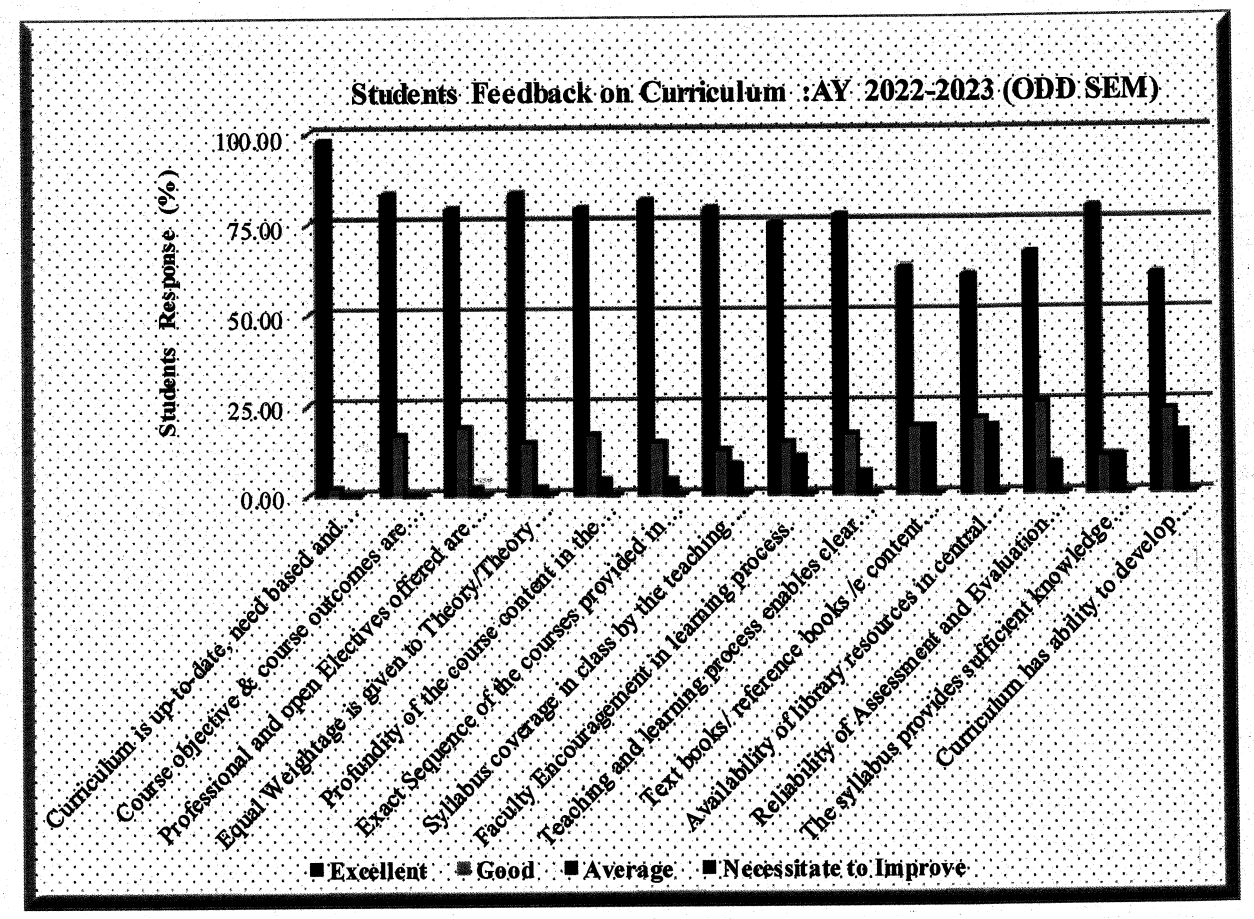

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly praised for its relevance, with 97.92% of respondents considering it "Excellent" and 2.08% as "Good."
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was well-regarded, with 83.3% of respondents rating it as "Excellent" and 16.67% as "Good."
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 79.17% of respondents considering it "Excellent" and 18.75% as "Good," and 2.08% as "Average."
- Equal Weightage to Course Content: The equal weightage given to theory, theory

with laboratory, practical, and mandatory course content was appreciated, with 83.33% of respondents rating it as "Excellent" and 14.58% as "Good," and 2.08% as "Average."

- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 79.17% of respondents considering it "Excellent," 16.67% as "Good," and 4.17% as "Average."
- Exact Sequence of the Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 81.25% of respondents considering it "Excellent," 14.58% as "Good," and 4.17% as "Average."
- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 79.17% of respondents rating it as "Excellent," 12.50% as "Good," and 8.33% as "Average."
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 75% of respondents considering it "Excellent," 14.58% as "Good," and 10.42% as "Average."
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 77.08% of respondents rating it as "Excellent," 16.67% as "Good," and 6.25% as "Average."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, with 62.50% of respondents considering it "Excellent," 18.75% as "Good," and 18.75% as "Average."
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 60.42% of respondents considering it "Excellent," 20.83% as "Good," and 18.75% as "Average."
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 66.67% of respondents rating it as "Excellent," 25% as "Good," and 8.33% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 79.17% of respondents considering it "Excellent," 10.42% as "Good," and 10.42% as "Average."
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 60.42% of respondents rating it as "Excellent," 22.92% as "Good," and 16.67% as "Average."

Suggestions:

- ❖ Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- ❖ Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- ❖ Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- ❖ Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.

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B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	10	0	0	0	10
2.	Electives offered are supportive to the core papers	9	1	0	0	10
3.	Implementation of Outcome Based Education	7	3	0	0	10
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	2	0	0	10
5.	Regulations and Scheme of Examination	9	1	0	0	10
6.	Semester-wise course content	9	1	0	0	10
7.	Content Delivery, Methodology and Learning Resources	9	1	0	0	10
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	2	0	10
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	10	0	0	0	10
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	10	0	0	0	10

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100.00	0.00	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	90.00	10.00	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	70.00	30.00	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	80.00	20.00	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	90.00	10.00	0.00	0.00	100.00
6.	Semester-wise course content	90.00	10.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	90.00	10.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	60.00	20.00	20.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

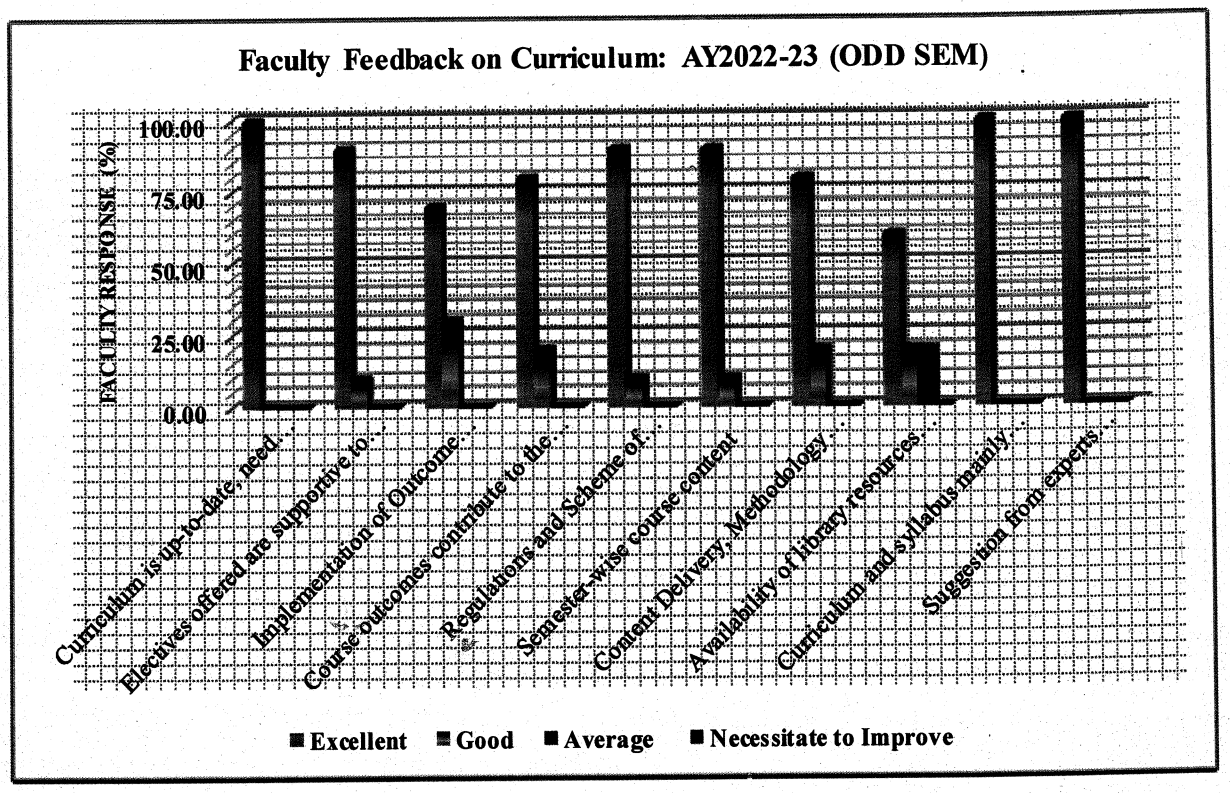

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly praised for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 90% of respondents rating it as "Excellent" and 10% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 70% of respondents considering it "Excellent" and 30% as "Good."
- Course outcomes were seen to significantly contribute to the fulfillment of program outcomes (PO), with 80% of respondents rating it as "Excellent" and 20% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 90% of respondents rating it as "Excellent" and 10% as "Good."
- The semester-wise course content, content delivery, methodology, and learning

resources all received a full score of 90% "Excellent" and 10% as "Good."

- Regarding the availability of library resources supporting text and reference books suggested for study, 60% of respondents rated it as "Excellent," 20% as "Good," and 20% as "Average."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Suggestions:

- ❖ Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- ❖ Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

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B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	6	2	0	0	8
2.	Teaching Faculty treat the students equally irrespective of the background	8	0	0	0	8
3.	Transparency of the evaluation system followed by the Institution	7	1	0	0	8
4.	Infrastructure and Lab Facility available to support the curriculum.	8	0	0	0	8
5.	Availability of the text and reference books in Central and Department library.	7	1	0	0	8

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	75.00	25.00	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100.00	0.00	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	87.50	12.50	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	100.00	0.00	0.00	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	87.50	12.50	0.00	0.00	100.00

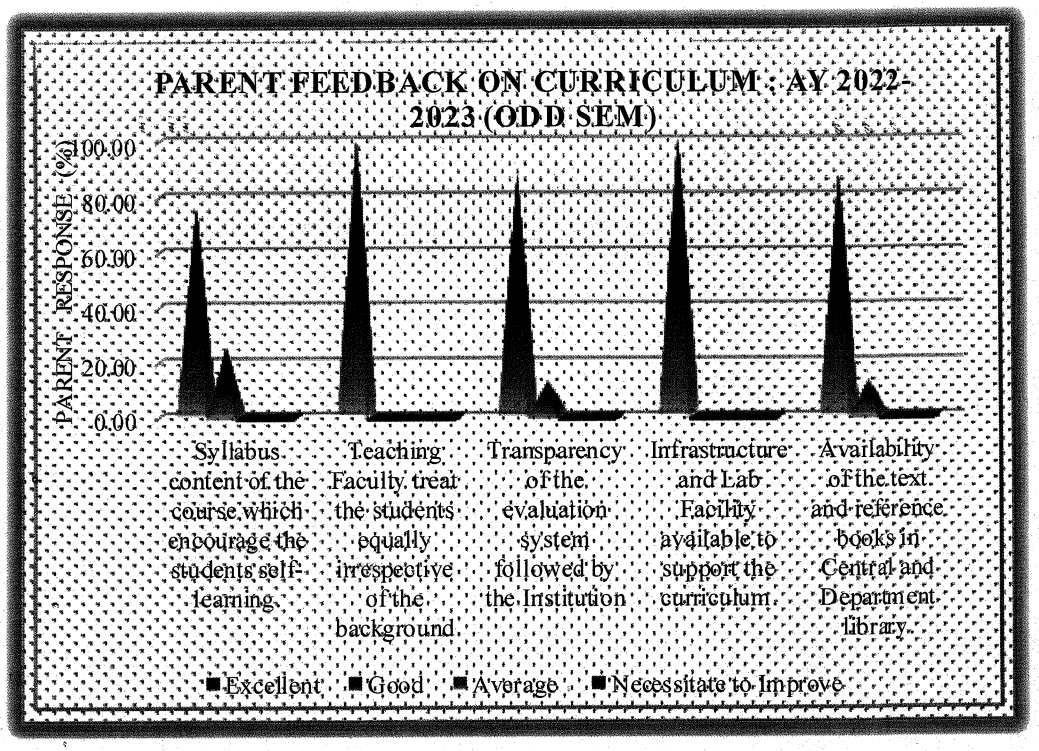

Fig.1. Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was well-regarded for encouraging self-learning, with 75% of respondents rating it as "Excellent" and 25% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was praised for treating students equally, irrespective of their background, with 100% of respondents considering it "Excellent."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 87.50% of respondents rating it as "Excellent" and 12.50% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 100% of respondents considering it "Excellent."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 87.50% of respondents rated it as "Excellent," 12.50% as "Good."

Suggestions:

- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources.

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B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	3	0	0	7
2.	Implementation of Outcome Based Education	3	4	0	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	4	0	0	7
4.	Offered Courses related to Industry/employability	3	2	2	0	7
5.	Competencies/outcomes in relation to the course content	4	2	1	0	7
6.	Tools used for designing the experiments in terms of existing practices in the industries	6	1	0	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	1	0	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	6	1	0	0	7

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Needs to improve	Total
1.	Quality of the Curriculum & Syllabus	57.14	42.86	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	42.86	57.14	0.00	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	42.86	57.14	0.00	0.00	100.00
4.	Offered Courses related to Industry/employability	42.86	28.57	28.57	0.00	100.00
5.	Competencies/outcomes in relation to the course content	57.14	28.57	14.29	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	85.71	14.29	0.00	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	57.14	28.57	14.29	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	85.71	14.29	0.00	0.00	100.00

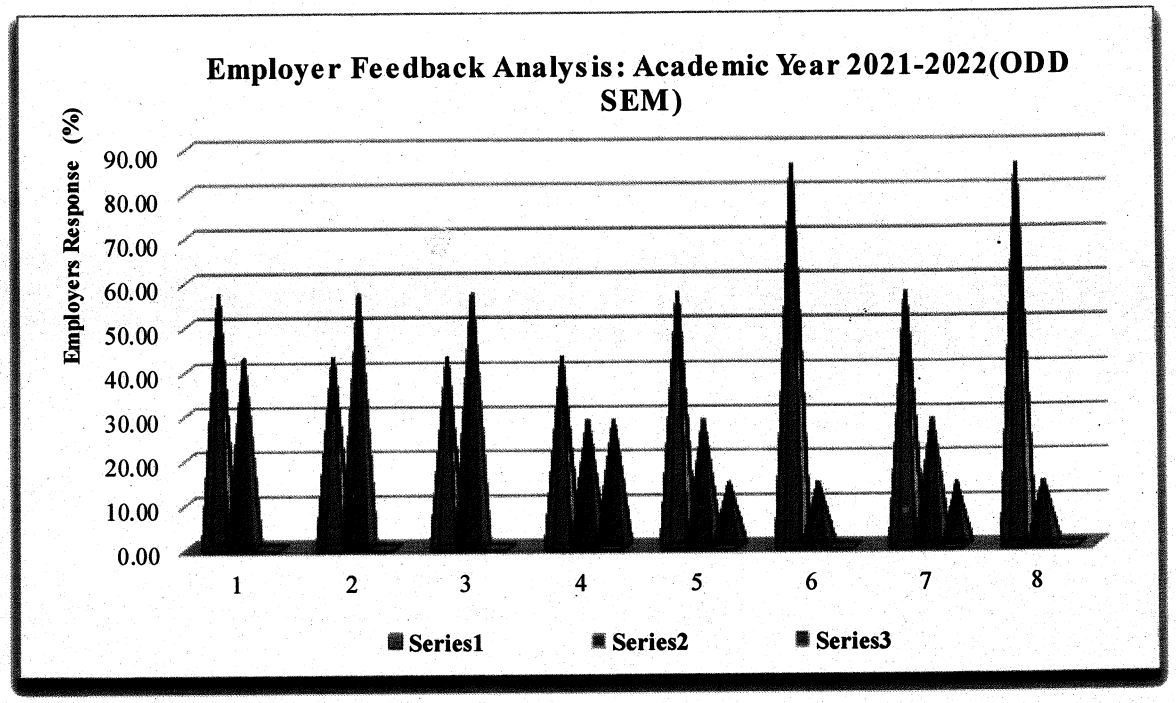

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly regarded, with 57.14% of respondents rating it as "Excellent" and 42.86% as "Good."

- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with 42.86% of respondents considering it "Excellent" and 57.14% as "Good."

- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with 42.86% of respondents considering it "Excellent" and 57.14% as "Good."

- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, with 42.86% of respondents rating it as "Excellent," 28.57% as "Good," and 28.57% as "Average."

- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 57.14% of respondents rating it as "Excellent," 28.57% as "Good," and 14.29% as "Average."

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 85.71% of respondents considering it "Excellent" and 14.29% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 57.14% of respondents rating it as "Excellent," 28.57% as "Good," and 14.29% as "Average."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 85.71% of respondents considering it "Excellent" and 14.29% as "Good."

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in Biomaterial and Artificial Organ subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce full stack java development courses
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in big data paper, including virtualization in OS.
- ✓ Include jingo topic in python paper
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman BoS
EEE - HiCET

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Dean (Academics)
HiCET

B.E/B.Tech-Electrical and Electronics Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	10	2	0	0	12
2.	Regulations and Scheme of Examination	9	2	1	0	12
3.	Semester-wise course content	11	1	0	0	12
4.	Content Delivery, Methodology & Learning Resources	8	4	0	0	12
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	9	2	1	0	12
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	7	4	1	0	12
7.	Availability of library resources supports Text and Reference Books suggested to study	6	4	2	0	12

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	80.00	20.00	0.00	0.00	100.00
2.	Regulations and Scheme of Examination	90.00	10.00	0.00	0.00	100.00
3.	Semester-wise course content	70.00	30.00	0.00	0.00	100.00
4.	Content Delivery, Methodology & Learning Resources	60.00	40.00	0.00	0.00	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	50.00	30.00	20.00	0.00	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	70.00	20.00	10.00	0.00	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	90.00	10.00	0.00	0.00	100.00

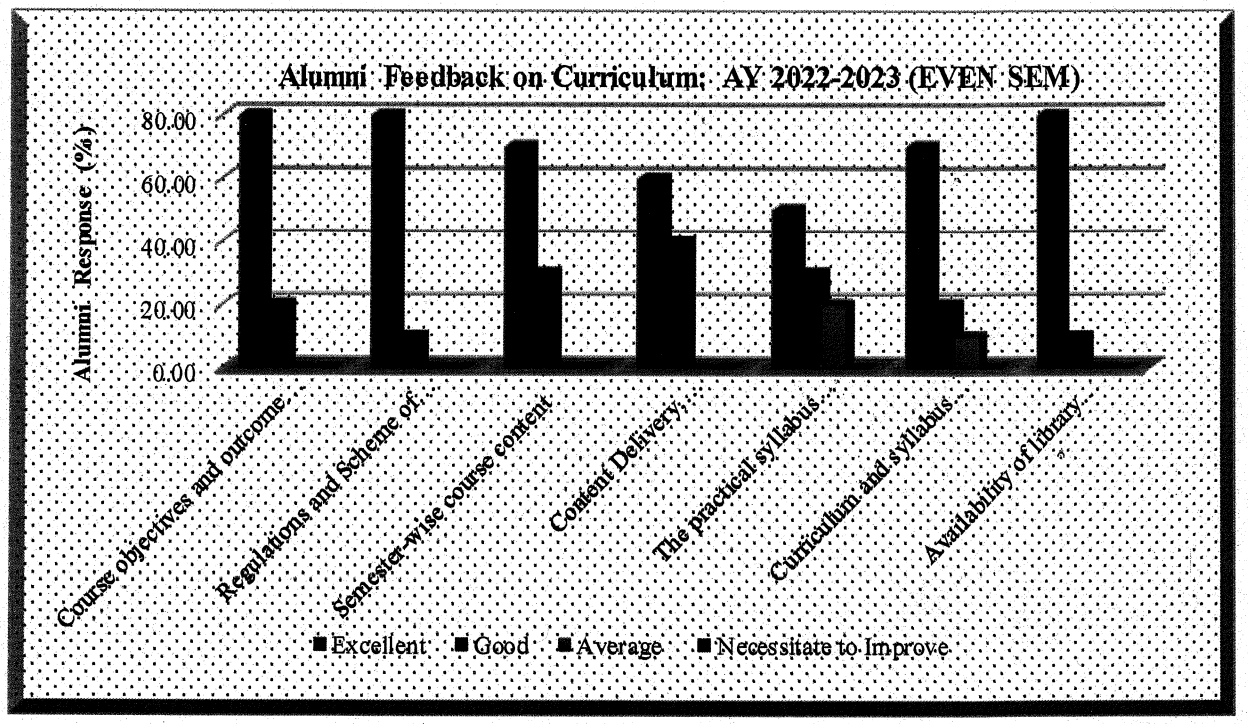

Fig.1. Alumni Feedback on Curriculum

In the assessment of various aspects of the course syllabus and curriculum, the following observations were made:

- Course Objectives and Outcome: The course objectives and outcome of the syllabus were clearly defined, with 80.00% of respondents rating it as "Excellent" and 20.00% as "Good."

- Regulations and Scheme of Examination: The regulations and scheme of examination were well-received, with 90% of respondents rating it as "Excellent" and 10% as "Good."

- Semester-wise Course Content: The semester-wise course content was well-defined, with 70% of respondents rating it as "Excellent" and 30% as "Good."

- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources were found to be satisfactory, with 60% of respondents rating it as "Excellent" and 40% as "Good."

- Practical Syllabus and Skill Development: The practical syllabus was deemed

effective in empowering students to develop experimental, design, problem-solving, and analysis skills, with 50% of respondents rating it as "Excellent," 30% as "Good," and 20% as "Average."

- Industry Readiness and Student Engagement: The curriculum and syllabus received mixed feedback in terms of industry readiness and student engagement. 70% of respondents rated it as "Good," 20% as "Excellent," and 10% as "Average."

- Library Resources and Study Material: The availability of library resources to support the suggested text and reference books were found to be satisfactory, with 90% of respondents rating it as "Excellent," 10% as "Good."

Suggestions:

- Establish a career counselling and guidance Centre to support students in aligning their skills with industry demands.
- Organize workshops, seminars, and networking events to foster industry-academia interaction and enhance student engagement.
- Suggested one MOOC (NPTEL- SWAYAM) course adding under Professional Elective IV

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B.TECH- FOOD TECHNOLOGY

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech - Food Technology

Faculty Feedback on Curriculum: Academic Year 2022-2023(ODD)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	16	0	0	0	16
2.	Electives offered are supportive to the core papers	13	3	0	0	16
3.	Implementation of Outcome Based Education	15	1	0	0	16
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	16	0	0	0	16
5.	Regulations and Scheme of Examination	14	2	0	0	16
6.	Semester-wise course content	16	0	0	0	16
7.	Content Delivery, Methodology and Learning Resources	16	0	0	0	16
8.	Availability of library resources supports Text and Reference Books suggested to study	12	4	0	0	16
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society,	14	2	0	0	16

	preparing research proposal and entrepreneurship					
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	16	0	0	0	16

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	81.25	18.75	0	0	100
3.	Implementation of Outcome Based Education	93.75	6.25	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100	0	0	0	100
5.	Regulations and Scheme of Examination	87.5	12.5	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100

9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate Conferences/Seminars /Webinars/Workshops , to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	87.5	12.5	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps tc design and update syllabus	100	0	0	0	100

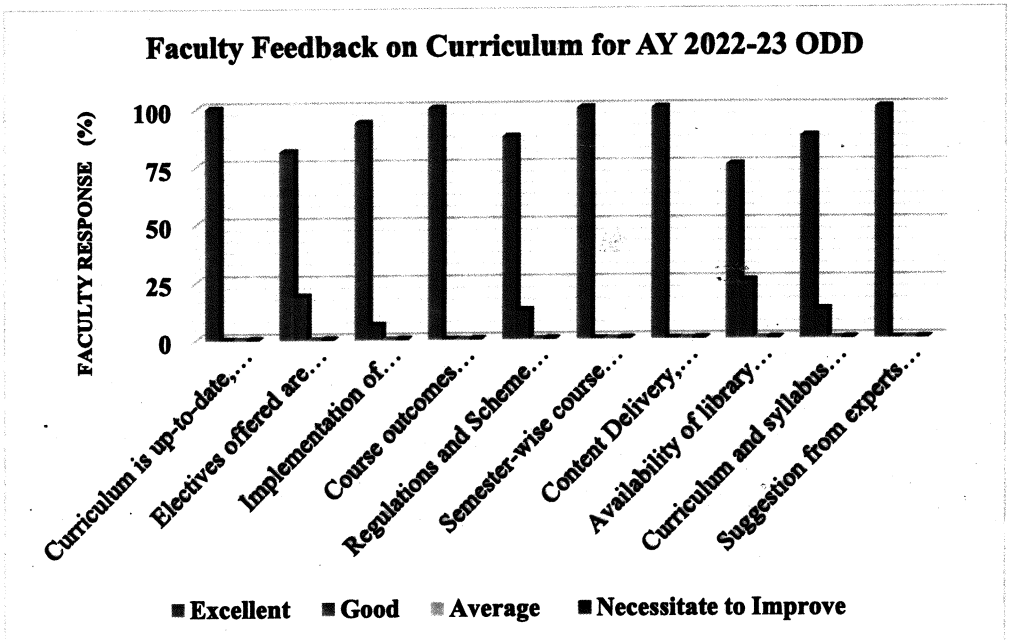

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 81.25%, and 18.75% as excellent, and good respectively.

- "Implementation of Outcome Based Education" scored 93.75%, and 6.25% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- "Regulations and Scheme of Examination" scored 87.5% as excellent and 12.5% as good.
- "Semester-wise course content" scored 100% as excellent, and good respectively.
- "Content Delivery, Methodology and Learning Resources" scored 100% as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 75 % as excellent and 25% as good.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 87.5% as excellent and 12.5% as good.
- "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100% as excellent.

Suggestions

✓ Mr. Premkumar J , suggested to include a new course based on cryogenics and Nanotechnology Applications in Professional elective IV of Regulation 209.

✓ The DAC members suggested to include courses pertaining to job opportunities, Entrepreneurship and innovation.

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B.TECH- FOOD TECHNOLOGY

STUDENT FEED BACK ANALYSIS

ODD SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech-Food Technology

Student Feedback on Curriculum: Academic Year 2022-2023(ODD)

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Students Response						
1.	Curriculum is up-to-date, need based and application oriented.	34	13	13	2	62
2.	Course objective & course outcomes are achieved in the syllabus.	38	22	2	0	62
3.	Professional and open Electives offered are supportive to the core papers.	32	25	5	0	62
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	53	9	0	0	62
5.	Profundity of the course content in the syllabus.	42	20	0	0	62
6.	Exact Sequence of the courses provided in the curriculum	40	15	7	0	62
7.	Syllabus coverage in class by the teaching faculty	26	36	0	0	62
8.	Faculty Encouragement in learning process	47	15	0	0	62
9.	Teaching and learning process enables clear understanding of the course content.	43	19	0	0	62
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	34	17	11	0	62
11.	Availability of library resources in central and departmental library.	33	29	0	0	62

12.	Reliability of Assessment and Evaluation Process.	54	8	0	0	62
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	36	26	0	0	62
14.	Curriculum has ability to develop Entrepreneurship and Employability.	42	20	0	0	62

Table.2. Consolidated Student Feedback Report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	55	21	21	3	100
2.	Course objective & course outcomes are achieved in the syllabus.	61	35	3	0	100
3.	Professional and open Electives offered are supportive to the core papers.	52	40	8	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	85	15	0	0	100
5.	Profundity of the course content in the syllabus.	68	32	0	0	100
6.	Exact Sequence of the courses provided in the curriculum.	65	24	11	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	42	58	0	0	100
8.	Faculty Encouragement in learning process.	76	24	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	69	31	0	0	100

10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	55	27	18	0.0	100
11.	Availability of library resources in central and departmental library.	53	47	0	0	100
12.	Reliability of Assessment and Evaluation Process.	87	13	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	58	42	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	68	32	0	0	100

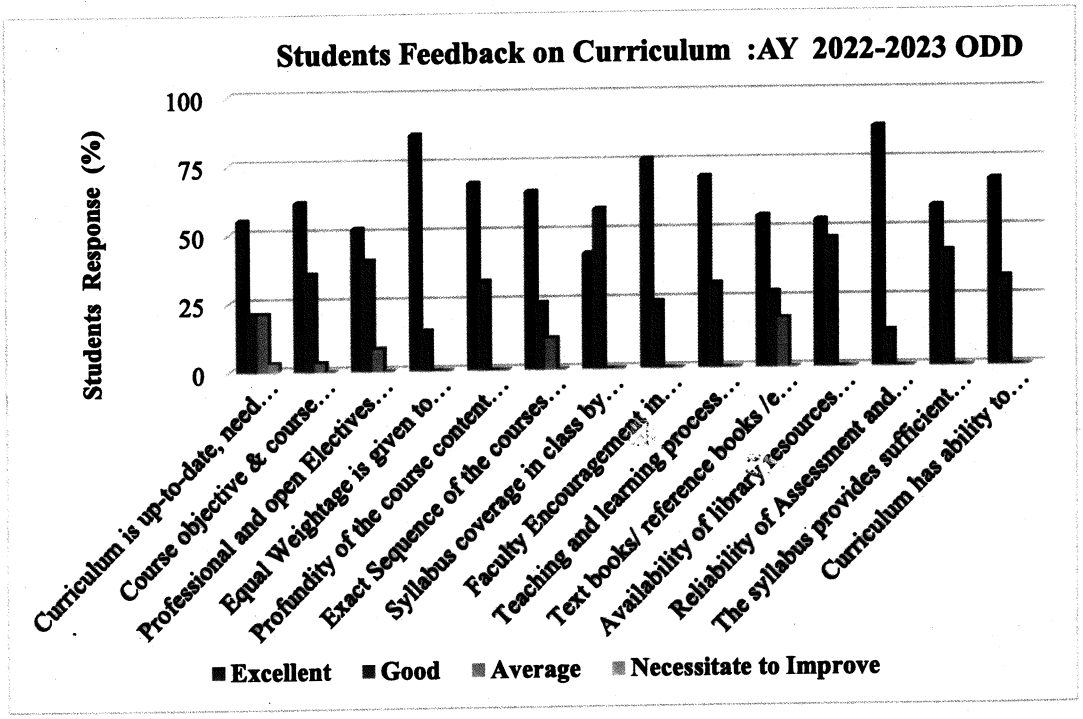

Fig.1. Student Feedback on Curriculum

REPORT

The student response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 55% as excellent, 21% as good, 21% as average, and 3% Necessitate to Improve.
- "Course objective & course outcomes are achieved in the syllabus" scored 61% excellent, 35% good, and 3% average.
- "Professional and open Electives offered are supportive to the core papers" scored 52% excellent, 40% good, and 8% average.
- "Equal weightage is given to theory/ theory with laboratory/ Practical / Mandatory course content" scored 85% excellently, and 15% as good.
- "Profundity of the course content in the syllabus" scored 68% as excellent, and 32% as good.
- "Exact sequence of the course provided in the curriculum" scored 65%, 24%, and 11% as excellent, good, and average respectively.
- "Syllabus coverage in class by the teaching faculty" scored 42%, 58% as excellent, good respectively.
- "Faculty Encouragement in learning process" scored 76%, and 24% as excellent, and good respectively.
- "Teaching and learning process enables clear understanding of the course content" scored 69 % and 31% as excellent, and good respectively.
- "Textbooks/ reference books content recommended in the syllabus are relevant and updated" scored 55 %, 27%, and 18% as excellent, good, and average.
- "Availability of library resources in central and departmental library" scored 53 %, and 47% as excellent and good respectively.
- "Reliability of assessment and evaluation process" scored 87%, and 13% as excellent, and good respectively.
- "The syllabus provides sufficient knowledge & perspective in the respective branch" scored 58%, and 42%, as excellent and good respectively.

Suggestions

- ✓ Mr.Viswa E G suggested Curriculum needs to be up-to-date with recent technologies and innovations.
- ✓ Ms.Jayashri suggested adding two more experiments in the soil science laboratory.
- ✓ Mr. Sharukkhan S suggested to a Course objective and course outcomes have to be framed to be helpful for the placements.

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B.TECH- FOOD TECHNOLOGY

ALUMINI FEED BACK ANALYSIS

ODD SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech-Food Technology

Alumini Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Alumini Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	49	9	0	0	58
2.	Regulations and Scheme of Examination	52	6	0	0	58
3.	Semester-wise course content	39	11	8	0	58
4.	Content Delivery, Methodology & Learning Resources	43	15	0	0	58
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	35	19	4	0	58
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	48	10	29	0	87
7.	Availability of library resources supports Text and Reference Books suggested to study	23	28	7	0	58

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	84	16	0	0	100
2.	Regulations and Scheme of Examination	90	10	0	0	100
3.	Semester-wise course content	67	19	14	0	100
4.	Content Delivery, Methodology & Learning Resources	74	26	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	60	33	7	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	83	17	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	40	48	12	0	100

Suggestions

- ✓ MS. Magitta Sherine S suggested to have reference books, articles, and journals related to food technology in libraries.
- ✓ Mr. Amaldev P A suggested to include topics related to critical thinking, and statistical analysis tools.
- ✓ Ms. Nikarika Bipin suggested to give assignments on simple designing equipment instead of writeups.

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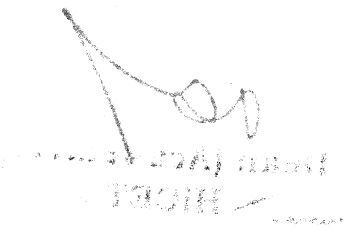



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B.TECH- FOOD TECHNOLOGY

PARENT FEED BACK ANALYSIS

ODD SEMESTER

ACADEMIC YEAR: 2022-2023

Suggestions

- ✓ Mr. Shellamuthu S suggested to improve lab facilities.
- ✓ Mr. Anbalagan D suggested to give books related to the syllabus to encourage the students' self-learning.

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B.TECH- FOOD TECHNOLOGY

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech-Food Technology

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Employers Response						
1	Quality of the Curriculum & Syllabus	3	4	0	0	7
2	Implementation of Outcome Based Education	6	1	0	0	7
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	2	0	0	7
4	Offered Courses related to Industry/employability	0	4	3	0	7
5	Competencies/outcomes in relation to the course content	2	5	0	0	7
6	Tools used for designing the experiments in terms of existing practices in the industries	2	3	2	0	7
7	Curriculum offers a range of professional and open electives/value-added courses	7	0	0	0	7
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	3	0	0	7

Table.2. Consolidated Employer Feedback Report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	43	57	0	0	100
2.	Implementation of Outcome Based Education	86	14	0	0	100

3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	71	29	0	0	100
4.	Offered Courses related to Industry/employability	0	57	43	0	100
5.	Competencies/outcomes in relation to the course content	29	71	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	29	43	29	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	57	43	0	0	100

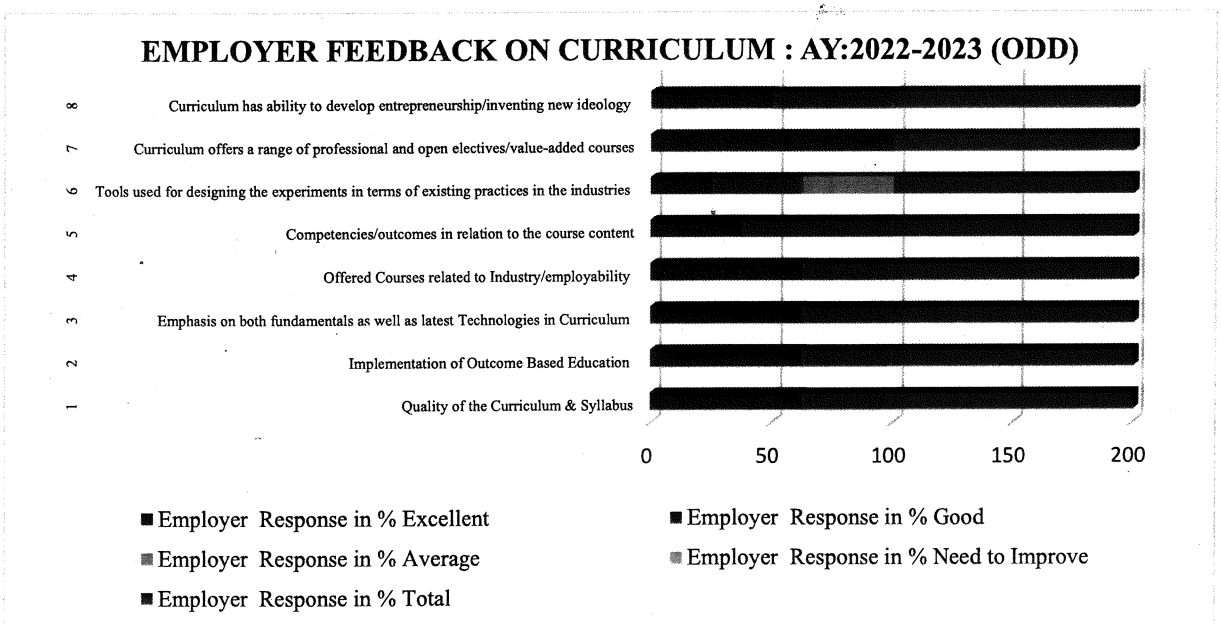

Fig.1. Employer Feedback Analysis: Academic Year 2022-2023

REPORT

The Employer response to feedback on the curriculum was given below

- "Quality of the Curriculum & Syllabus" scored 43 %, and 57% as excellent and good respectively.

- "Implementation of Outcome Based Education" scored 86%, and 14% as excellent, and good respectively.
- "Emphasis on both fundamentals as well as latest Technologies in Curriculum" scored 71%, and 29% as excellent, and good respectively.
- "Offered Courses related to Industry/employability" scored 57%, and 43% as good and average respectively.
- "Competencies/outcomes in relation to the course content" scored 29%, and 71% as excellent, and good respectively.
- "Tools used for designing the experiments in terms of existing practices in the industries" scored 29%, 43%, and 29% as excellent, good, and average respectively.
- "Curriculum offers a range of professional and open electives/value-added courses" scored 100 % as excellent.
- "Curriculum has the ability to develop entrepreneurship/inventing new ideology" scored 57%, and 43% as excellent and good respectively.

Suggestions

- ✓ Ms. Birundha suggested to install machinery in the food and biochemistry laboratory which will evolve the knowledge of students practically.
- ✓ Mr. Godwin Dass suggested to include designing tools in value-added courses.

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B.Tech - INFORMATION TECHNOLOGY

STUDENT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Student Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	80	15	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	85	9	6	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	18	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	77	15	8	0	100
5.	Profundity of the course content in the syllabus.	76	14	6	4	100
6.	Exact Sequence of the courses provided in the curriculum	83	16	1	0	100
7.	Syllabus coverage in class by the teaching faculty	91	2	7	0	100
8.	Faculty Encouragement in learning process	93	3	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	89	4	5	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	81	13	4	2	100
11.	Availability of library resources in central and departmental library.	80	6	10	4	100
12.	Reliability of Assessment and Evaluation Process.	85	9	3	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	82	6	10	2	100

14.	Curriculum has ability to develop Entrepreneurship and Employability.	62	19	16	3	100

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80	15	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	85	9	6	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	18	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	77	15	8	0	100
5.	Profundity of the course content in the syllabus.	76	14	6	4	100
6.	Exact Sequence of the courses provided in the curriculum.	83	16	1	0	100
7.	Syllabus coverage in class by the teaching faculty.	91	2	7	0	100
8.	Faculty Encouragement in learning process.	93	3	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	89	4	5	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	81	13	4	2	100
11.	Availability of library resources in central and departmental library.	80	6	10	4	100
12.	Reliability of Assessment and Evaluation Process.	85	9	3	3	100

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	82	6	10	2	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	62	19	16	3	100

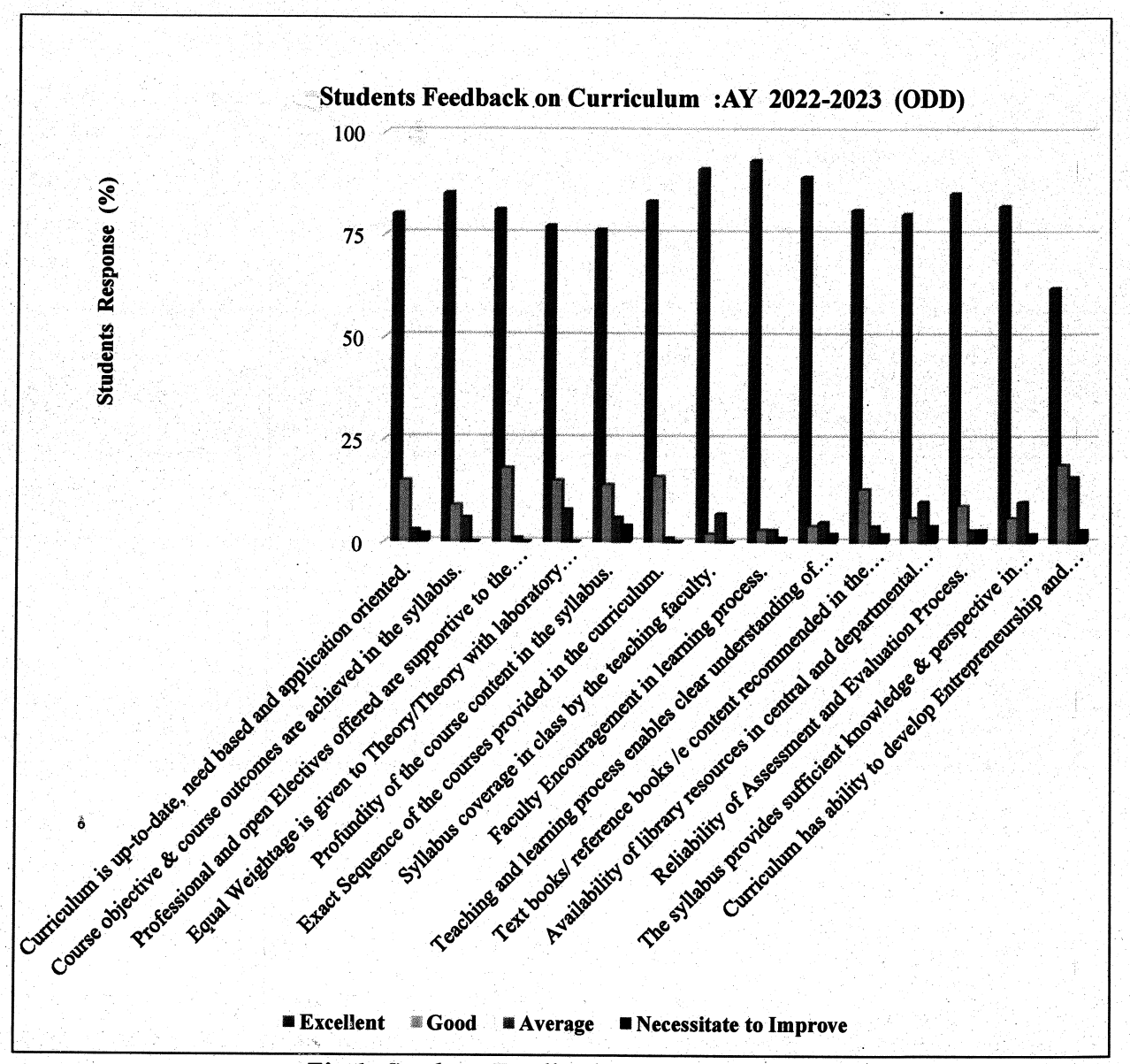

Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 80%, 15%, 3%, 2% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 85%, 9% and 6% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 81% as excellent, 18% as good and 1% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 77% as excellent, 15% as good and 8% as average.
5. Profundity of the course content in the syllabus scored 76%, 14%, 6%, 4% as Excellent, good, average and necessitate to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 83%, 16% and 1% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 91%, 2% and 7% as Excellent, good and average to improve respectively.
8. Faculty Encouragement in learning process scored 93% as excellent, 3% as good, 5% as average and 1% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 89% as excellent, 4% as good, 5% as average and 2% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 81% as excellent, 13% as good, 4% as average and 2% as necessity to improve.
11. Availability of library resources in central and departmental library scored 80% as excellent, 6% as good, 10% as average and 4% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 85% as excellent, 9% as good, 3% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 82%, 6%, 10% and 6% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 62% as excellent, 19% as good, 16% as average and 3% as necessity to improve.

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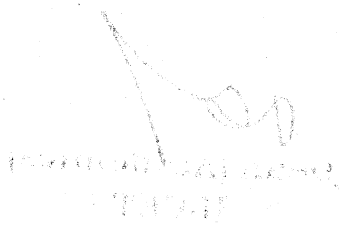

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B.Tech- INFORMATION TECHNOLOGY

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Alumni Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	37	18	3	0	58
2.	Regulations and Scheme of Examination	45	6	7	0	58
3.	Semester-wise course content	42	10	6	0	58
4.	Content Delivery, Methodology & Learning Resources	47	2	9	0	58
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	45	9	4	0	58
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	53	1	6	0	60
7.	Availability of library resources supports Text and Reference Books suggested to study	55	5	0	0	60

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	64	31	5	0	100
2.	Regulations and Scheme of Examination	78	10	12	0	100
3.	Semester-wise course content	72	17	10	0	100
4.	Content Delivery, Methodology & Learning Resources	81	3	16	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	78	16	7	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	88	2	10	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	92	8	0	0	100

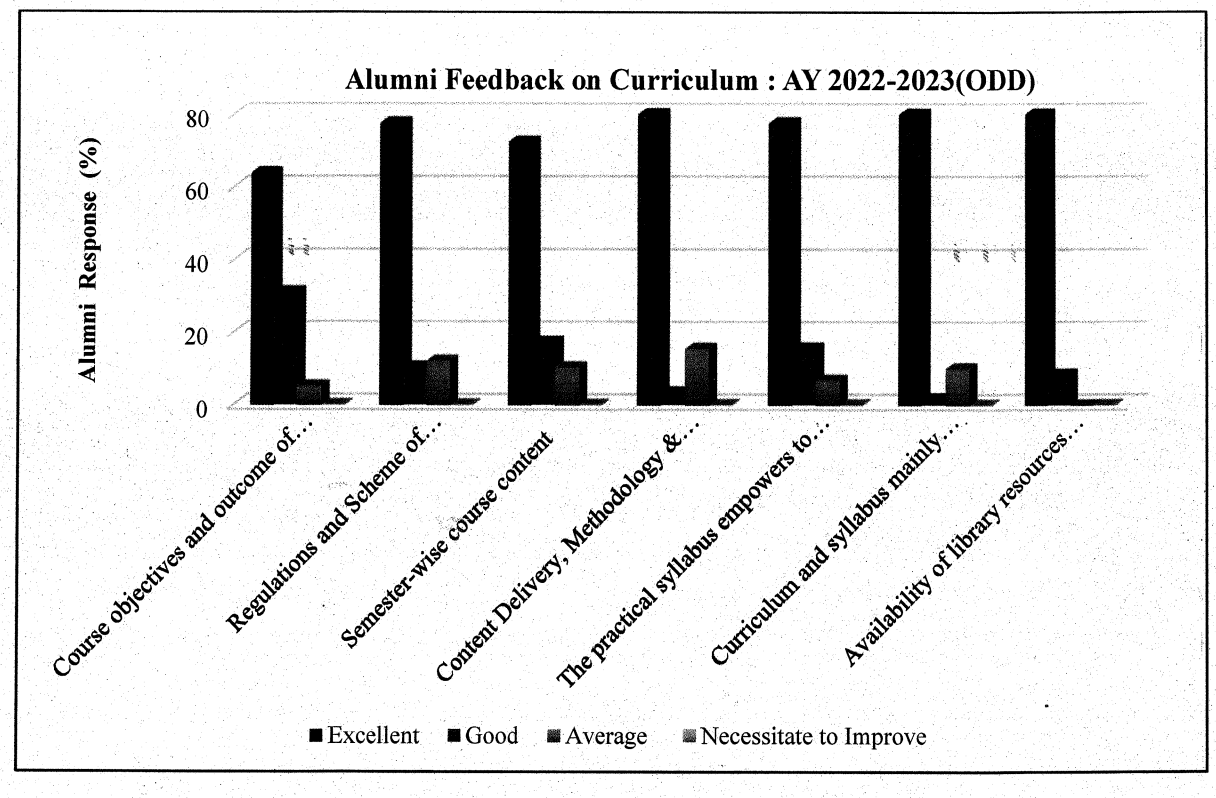

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 64% as excellent, 31% as good and 5% as average.
2. Regulations and Scheme of Examination scored 78% as excellent, 10% as good and 12% as average.
3. Semester-wise course content scored 72%, 17%, 10% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 81%, 3%, 16% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 78% as excellent, 16% as good and 7% as average.
6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/

Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 88% as excellent, 2% as good and 10% as average.

7. Availability of library resources supports Text and Reference Books suggested to study scored 92% as excellent and 8% as good

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B.Tech - INFORMATION TECHNOLOGY

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.Tech – Information Technology

Parents Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	41	12	2	0	55
2.	Teaching Faculty treat the students equally irrespective of the background	42	10	3	0	55
3.	Transparency of the evaluation system followed by the Institution	34	17	4	0	55
4.	Infrastructure and Lab Facility available to support the curriculum.	30	10	15	0	55
5.	Availability of the text and reference books in Central and Department library.	23	20	12	0	55

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	75	22	4	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	76	18	5	0	100
3.	Transparency of the evaluation system followed by the Institution	62	31	7	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	55	18	27	0	100
5.	Availability of the text and reference books in Central and Department library.	42	36	22	0	100

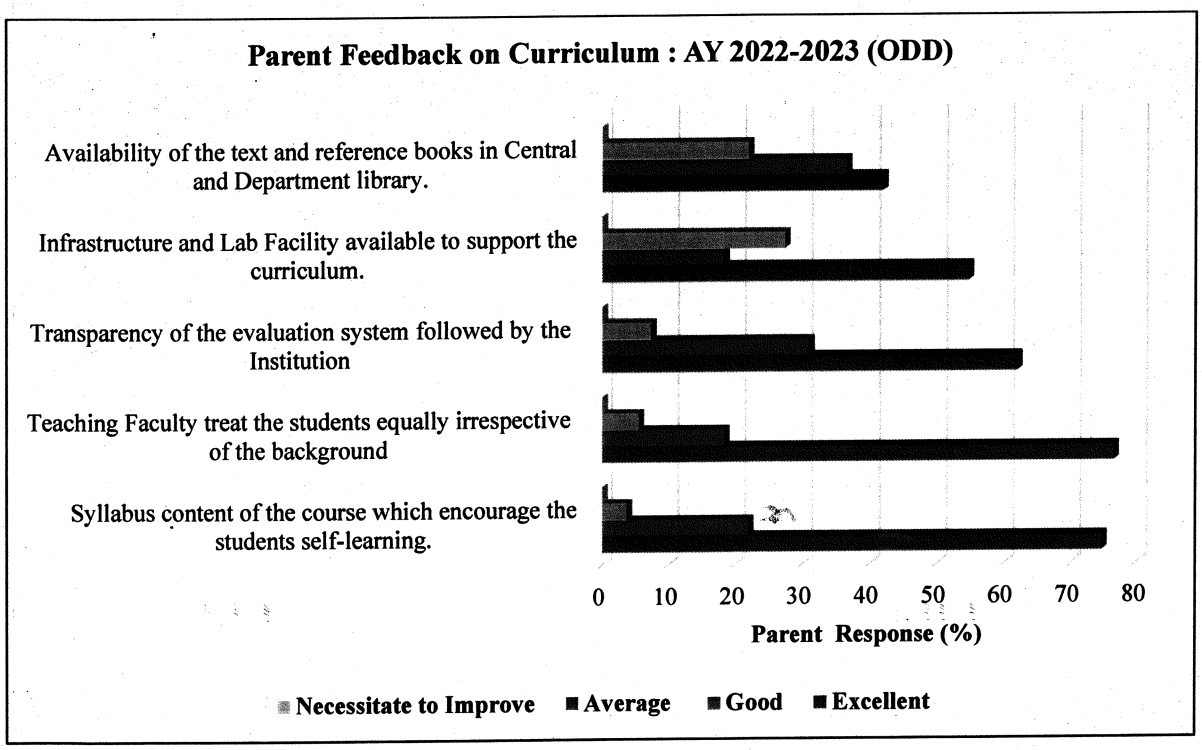

Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 75%, 22%, 4% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 76% as excellent, 18% as good and 5% as average.
3. Transparency of the evaluation system followed by the Institution scored 62%, 31%, 7% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 55% as excellent, 18% as good and 27% as average.
5. Availability of the text and reference books in Central and Department library scored 42%, 36%, 22% as excellent, good and average respectively.

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B.Tech - INFORMATION TECHNOLOGY

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.Tech – Information Technology

Faculty Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	11	4	0	0	15
2.	Electives offered are supportive to the core papers	10	5	0	0	15
3.	Implementation of Outcome Based Education	13	2	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	15	0	0	0	15
5.	Regulations and Scheme of Examination	12	3	0	0	15
6.	Semester-wise course content	15		0	0	15
7.	Content Delivery, Methodology and Learning Resources	13	2	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	13	1	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	15	0	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	73	27	0	0	100
2.	Electives offered are supportive to the core papers	67	33	0	0	100
3.	Implementation of Outcome Based Education	87	13	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100	0	0	0	100
5.	Regulations and Scheme of Examination	80	20	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	87	13	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	87	7	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

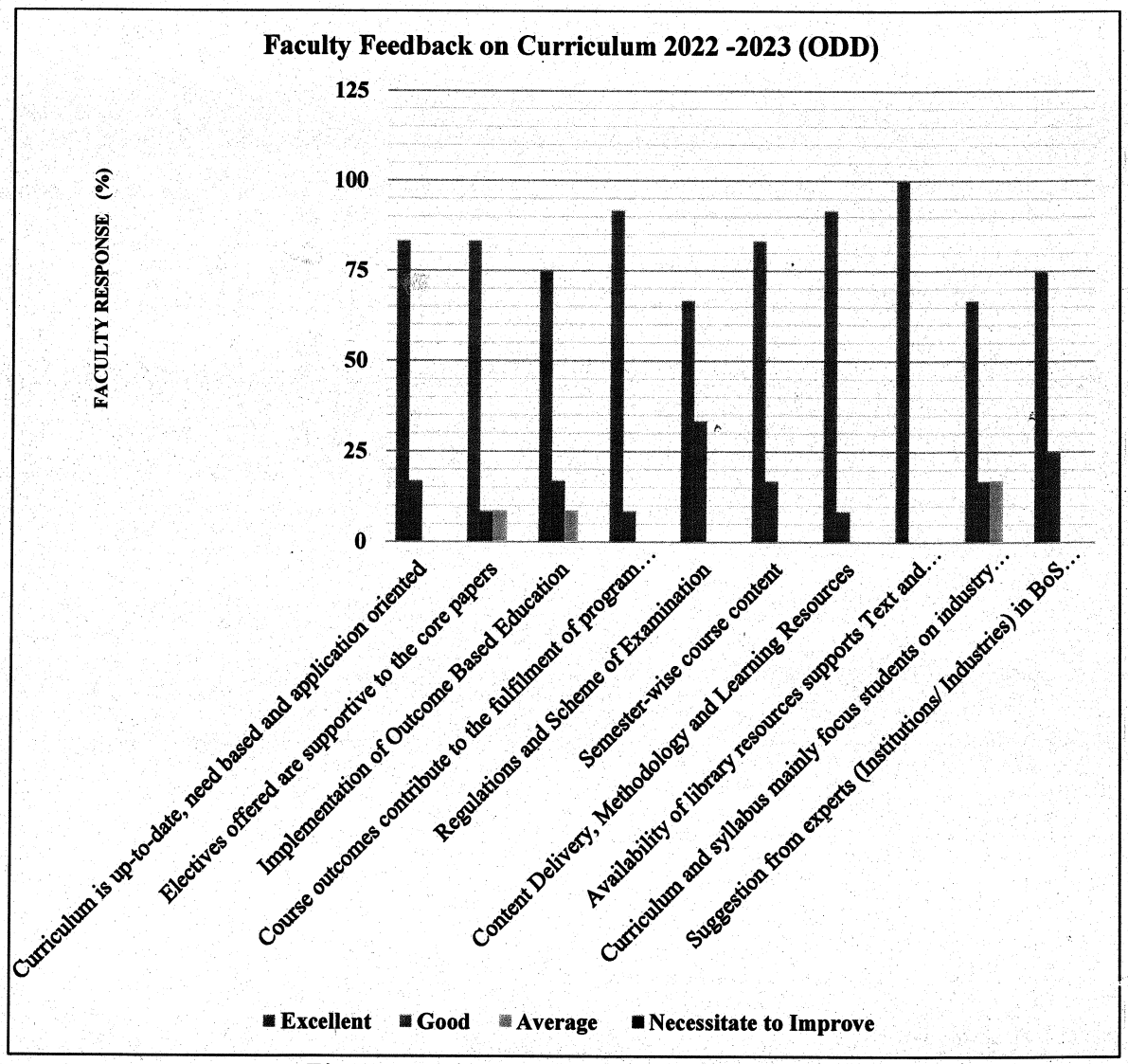

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 73% as excellent and 27% as good.
2. "Electives offered are supportive to the core papers" scored 67% and 33% as excellent, and good respectively.

3. "Implementation of Outcome Based Education" scored 87% and 13% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100% as excellent.
5. "Regulations and Scheme of Examination" scored 80% and 20% as excellent and good respectively.
6. "Semester-wise course content" scored 100% as excellent.
7. "Content Delivery, Methodology and Learning Resources" scored 87% as excellent and 13% as good.
8. " Availability of library resources supports Text and Reference Books suggested to study" scored 87% as excellent and 7% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100% as excellent.

Suggestions by Faculty

- ✓ Faculty members accepted the revised Syllabus for the Subject Titled "19IT5351-Internet and Web Technology.
- ✓ Faculty members accepted the revised Syllabus for the Subject Titled "19IT7002 - Data Analytics Laboratory.
- ✓ Faculty members suggested to have only one framework for the Subject Titled "19IT5351-Internet and Web Technology, instead of having more one framework.
- ✓ Faculty members discussed about the importance of placement training for the students and also discussed to insist students to do NPTEL programming courses.
- ✓ Faculty members discussed to insist students to work more on NASSCOM, Learnathon, Wipro milestone, Infosys full stack courses to improve programming skills of students so that students can face placement with more confidence.

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B.Tech - INFORMATION TECHNOLOGY

ACADEMIC EXPERT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.Tech – Information Technology

Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	2	2	2	0	6
2.	Implementation of Outcome Based Education	2	2	1	1	6
3.	Quality of PEOs, POs and COs	2	2	2	0	6
4.	Regulations and Scheme of Examination	2	2	1	1	6
5.	Semester-wise course content	2	1	2	1	6
6.	Content Delivery, Methodology and Learning Resources	2	3	0	1	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	4	1	1	0	6
10.	Panel of Examiners	1	2	2	1	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	33	33	33	0	100
2.	Implementation of Outcome Based Education	33	33	17	17	100
3.	Quality of PEOs, POs and COs	33	33	33	0	100
4.	Regulations and Scheme of Examination	33	33	17	17	100
5.	Semester-wise course content	33	17	33	17	100
6.	Content Delivery, Methodology and Learning Resources	33	50	0	17	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	67	17	17	0	100
10.	Panel of Examiners	17	33	33	17	100

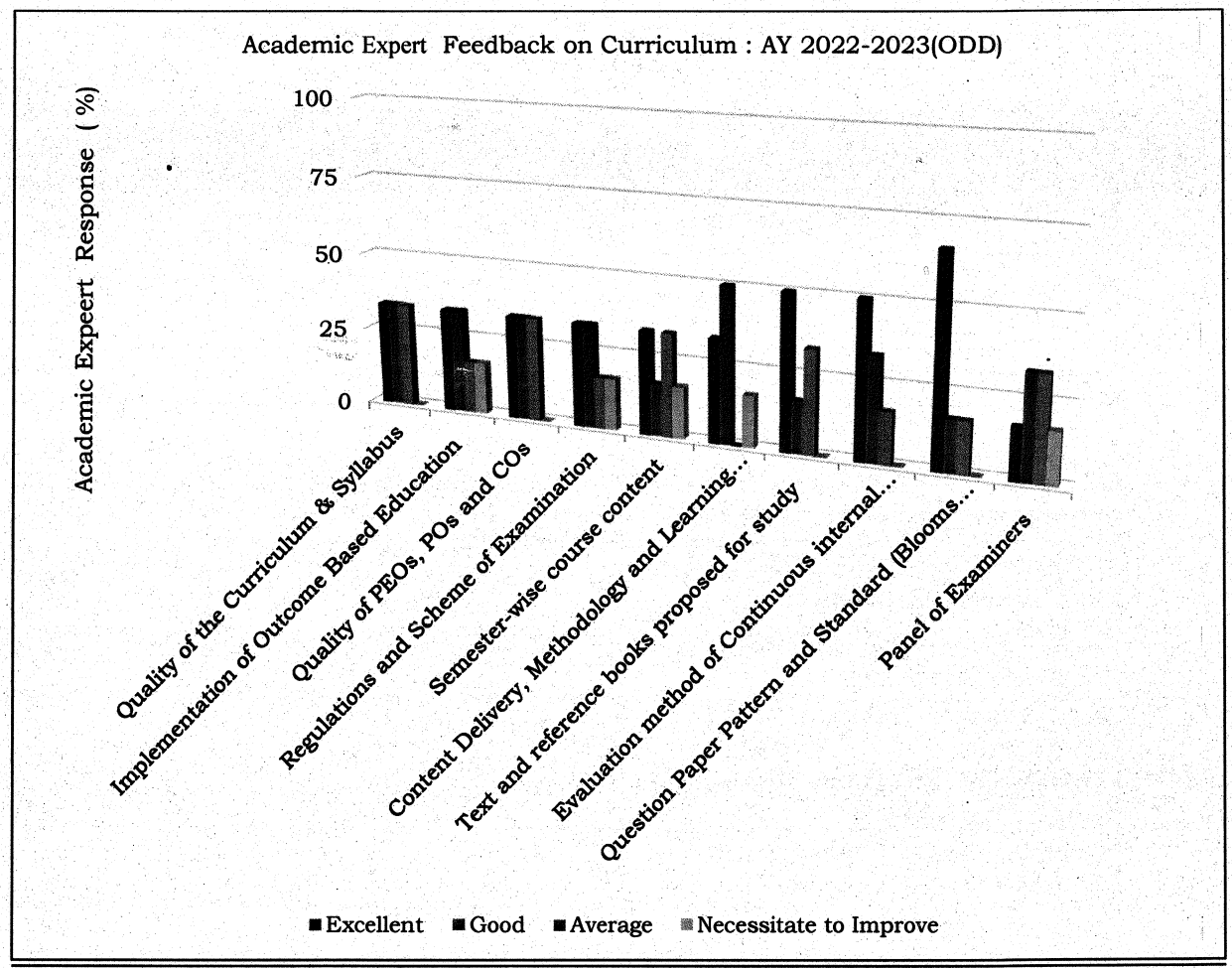

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 33%, 33%, 33% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 33% as excellent, 33% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 33% as excellent, good and average respectively.
4. Regulations and Scheme of Examination 33% as excellent, 33% as good, 17% as average and 17% as necessitate to improve.

5. Semester-wise course content scored 33%, 17%, 33% and 17% as excellent, good, average and necessitate to improve respectively.
6. Content Delivery, Methodology and Learning Resources scored 33% as excellent, 50% as good and 17% as necessitate to improve.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 67% as excellent, 17% as good and 17% as average.
10. Panel of Examiners scored 17%, 33%, 33% and 17% as excellent, good, average and necessitate to improve respectively.

Suggestions by Expert members

- The Experts of BoS suggested three hours of theory and two hours of lab for Problem Solving Using C Programming and also instructed to change total hours as sixty hours and the title of Fifth unit as File handling.
- Experts of BoS advised to move foundation of data science course to semester III as it needs python programming as prerequisite.
- Subject Experts of BoS advised to include Mongo Db, Full stack development courses for the students after the fourth semester.
- Experts of BoS suggested to include testing automation such as selenium with Java, selenium with python in the software testing course.
- BoS Expert also advised to revise rubrics for Mini project and suggested to provide 40% of marks for hardware and software implementation of the project, remaining 60% of marks for teamwork, application based project on social relevance.

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B.Tech - INFORMATION TECHNOLOGY

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Employer Feedback on Curriculum: Academic Year 2022-2023 (ODD)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	4	1	1	1	7
2.	Implementation of Outcome Based Education	3	2	2	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	3	0	1	7
4.	Offered Courses related to Industry/employability	3	2	1	1	7
5.	Competencies/outcomes in relation to the course content	4	2	0	1	7
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	0	3	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	3	2	1	1	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	2	0	7

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	57	14	14	14	100
2.	Implementation of Outcome Based Education	43	29	29	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	43	43	0	14	100
4.	Offered Courses related to Industry/employability	43	29	14	14	100
5.	Competencies/outcomes in relation to the course content	57	29	0	14	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	57	0	43	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	43	29	14	14	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	57	14	29	0	100

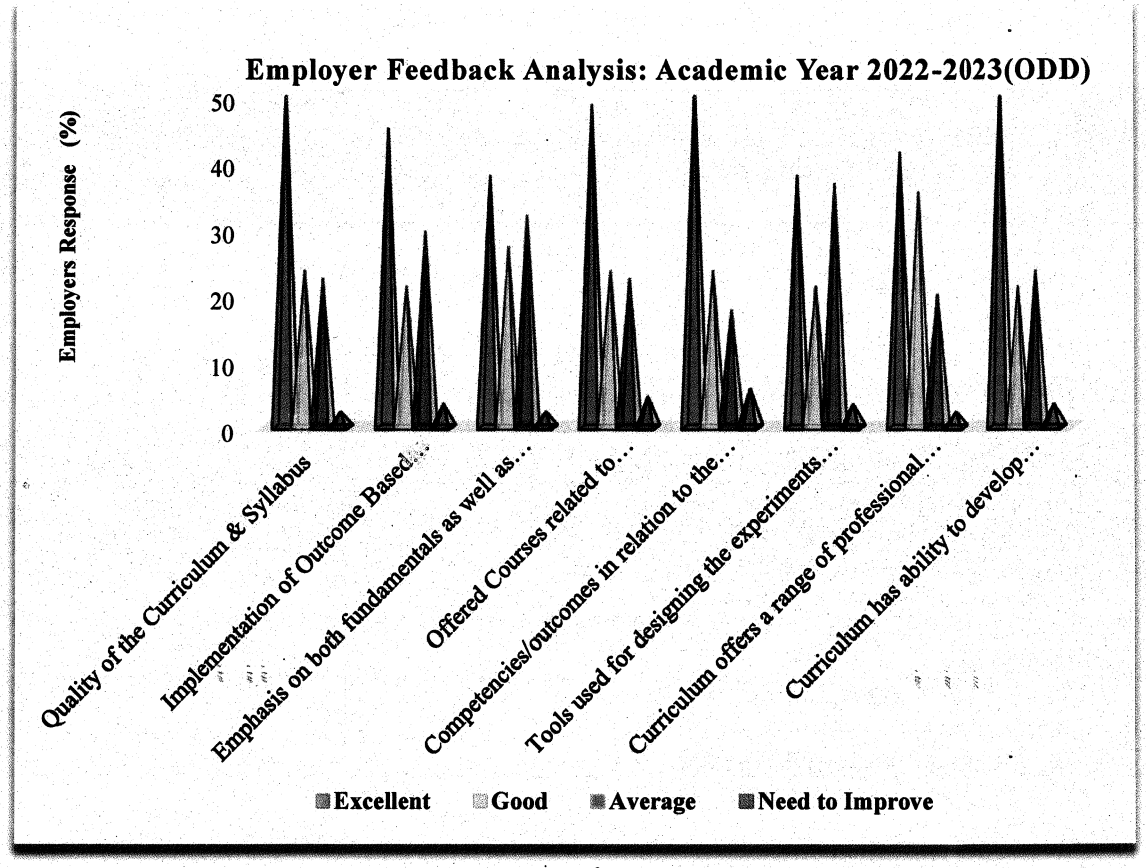

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

- Quality of the Curriculum & Syllabus scored 57%, 14%, 14%, 14% as excellent, good, average and necessity to improve respectively.
- Implementation of Outcome Based Education scored 43% as excellent, 29% as good and 29% as average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 43% and 43% as excellent and good respectively.
- Offered Courses related to Industry/employability scored 43%, 29%, 14% and 14% as excellent, good, average and necessity to improve respectively.
- Competencies/outcomes in relation to the course content scored 57% as excellent, 29% as good and 14% as necessity to improve.

- Tools used for designing the experiments in terms of existing practices in the industries scored 57% as excellent and 43% as average.
- Curriculum offers a range of professional and open electives/value-added courses scored 43%, 29%, 14% and 14% as excellent, good, average and necessitate to improve respectively.
- Curriculum has ability to develop entrepreneurship/inventing new ideology scored 57% as excellent, 14% as good and 29% as average respectively.

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B.E MECHANICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	88	7	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	6	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	95	4	1	0	100
5.	Profundity of the course content in the syllabus.	90	5	5	0	100
6.	Exact Sequence of the courses provided in the curriculum	94	4	2	0	100
7.	Syllabus coverage in class by the teaching faculty	100	0	0	0	100
8.	Faculty Encouragement in learning process	98	2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	6	2	0	100
11.	Availability of library resources in central and departmental library.	94	4	2	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	91	5	3	0	99
14.	Curriculum has ability to develop Entrepreneurship and Employability.	97	3	0	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	88	7	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	6	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	95	4	1	0	100
5.	Profundity of the course content in the syllabus.	90	5	5	0	100
6.	Exact Sequence of the courses provided in the curriculum.	94	4	2	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	98	2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	6	2	0	100
11.	Availability of library resources in central and departmental library.	94	4	2	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	5	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	97	3	0	0	100

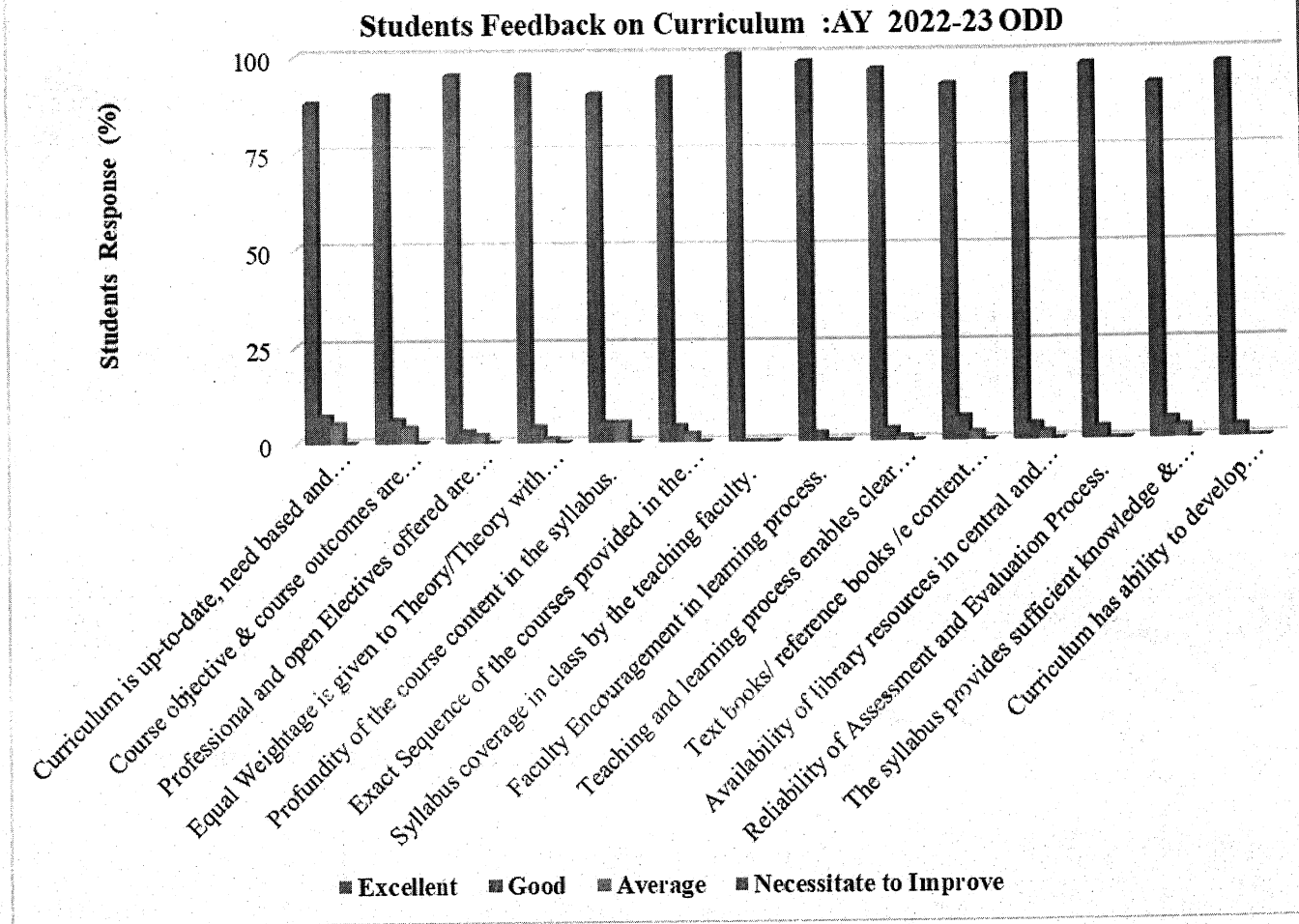

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied and only 5% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 90% of students are highly satisfied, 6% of students are satisfied only 4 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 95 % of students are very satisfied, 4% of students are satisfied and 1 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 90% of students are highly satisfied, 5% of students are satisfied only 5 % of students are moderately satisfied.

- In the case of Exact Sequence of the courses provided in the curriculum, 94 % of students are highly satisfied and 4% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 98 % of students are highly satisfied, 2% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 92% of students are highly satisfied, 6% of students are satisfied and only 2% of students are moderately satisfied.
- Availability of library resources in central and departmental library. 94% of students are highly satisfied, 4% of students are satisfied.
- Reliability of assessment & evaluation process 94% of students are highly satisfied, 4% of students are satisfied and 2% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch, 97 % of students are highly satisfied, only 3% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 97% of students are highly satisfied, only 3% of students are satisfied.

Suggestions:

- Arrange internship opportunities from semester III onwards to get exposure on industrial needs.
- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.

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B.E MECHANICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	44	1	0	0	45
2.	Teaching Faculty treat the students equally irrespective of the background	41	4	0	0	45
3.	Transparency of the evaluation system followed by the Institution	42	3	0	0	45
4.	Infrastructure and Lab Facility available to support the curriculum.	40	5	0	0	45
5.	Availability of the text and reference books in Central and Department library.	43	2	0	0	45

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	98	2	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	91	9	0	0	100
3.	Transparency of the evaluation system followed by the Institution	93	7	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	89	11	0	0	100
5.	Availability of the text and reference books in Central and Department library.	96	4	0	0	100

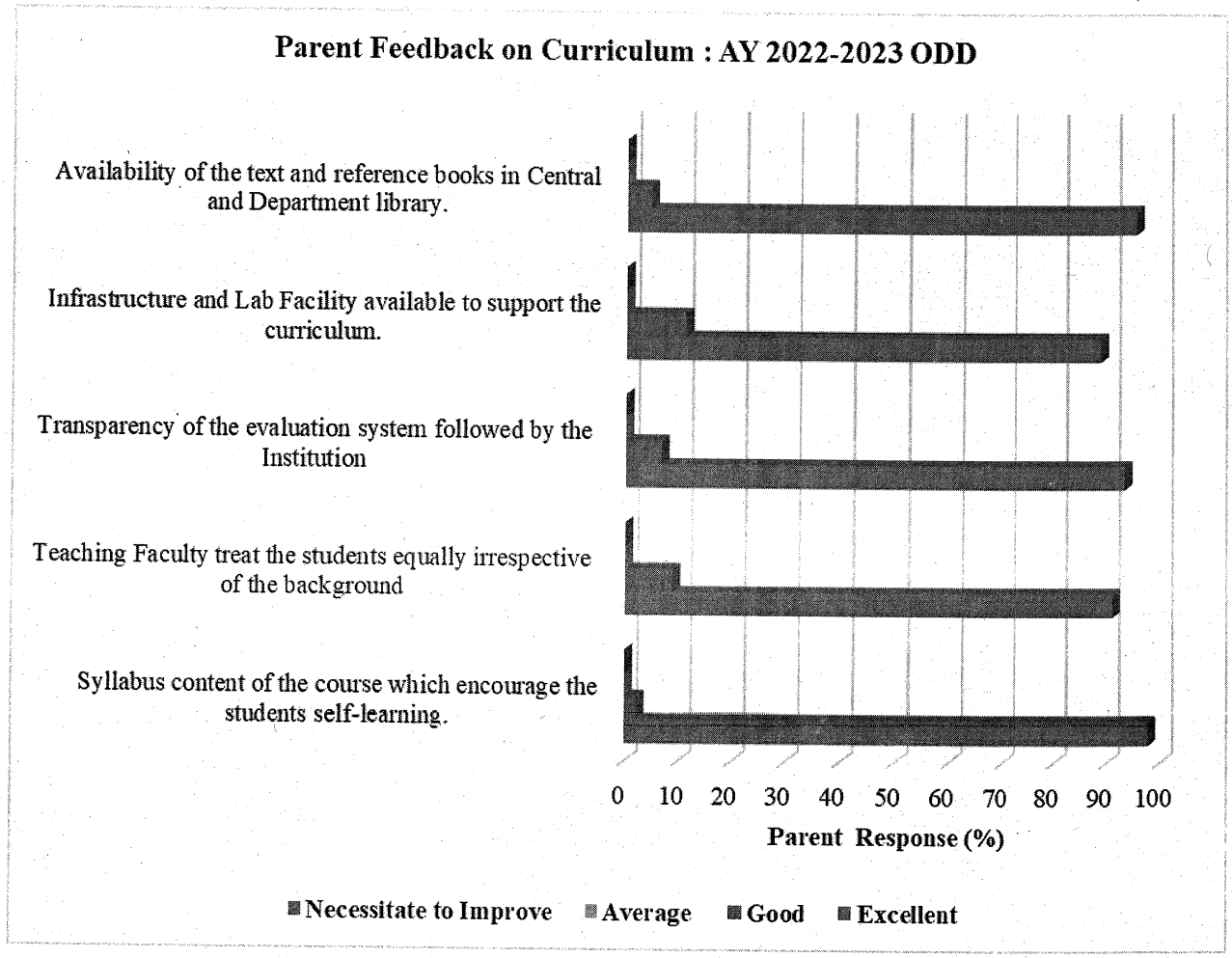

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 89 % of parents are highly satisfied, and 11 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 96 % of parents are satisfied and 4 % of parents are moderately satisfied.

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B.E MECHANICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	35	0	0	0	35
2.	Electives offered are supportive to the core papers	34	1	0	0	35
3.	Implementation of Outcome Based Education	30	5	0	0	35
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	31	2	2	0	35
5.	Regulations and Scheme of Examination	35	0	0	0	35
6.	Semester-wise course content	31	4	0	0	35
7.	Content Delivery, Methodology and Learning Resources	33	2	0	0	35
8.	Availability of library resources supports Text and Reference Books suggested to study	30	2	3	0	35
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	34	1	0	0	35
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	34	1	0	0	35

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessit ate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	97	3	0	0	100
3.	Implementation of Outcome Based Education	86	14	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	89	6	6	0	100
5.	Regulations and Scheme of Examination	100	0	0	0	100
6.	Semester-wise course content	89	11	0	0	100
7.	Content Delivery, Methodology and Learning Resources	94	6	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	86	6	9	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	97	3	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	97	3	0	0	100

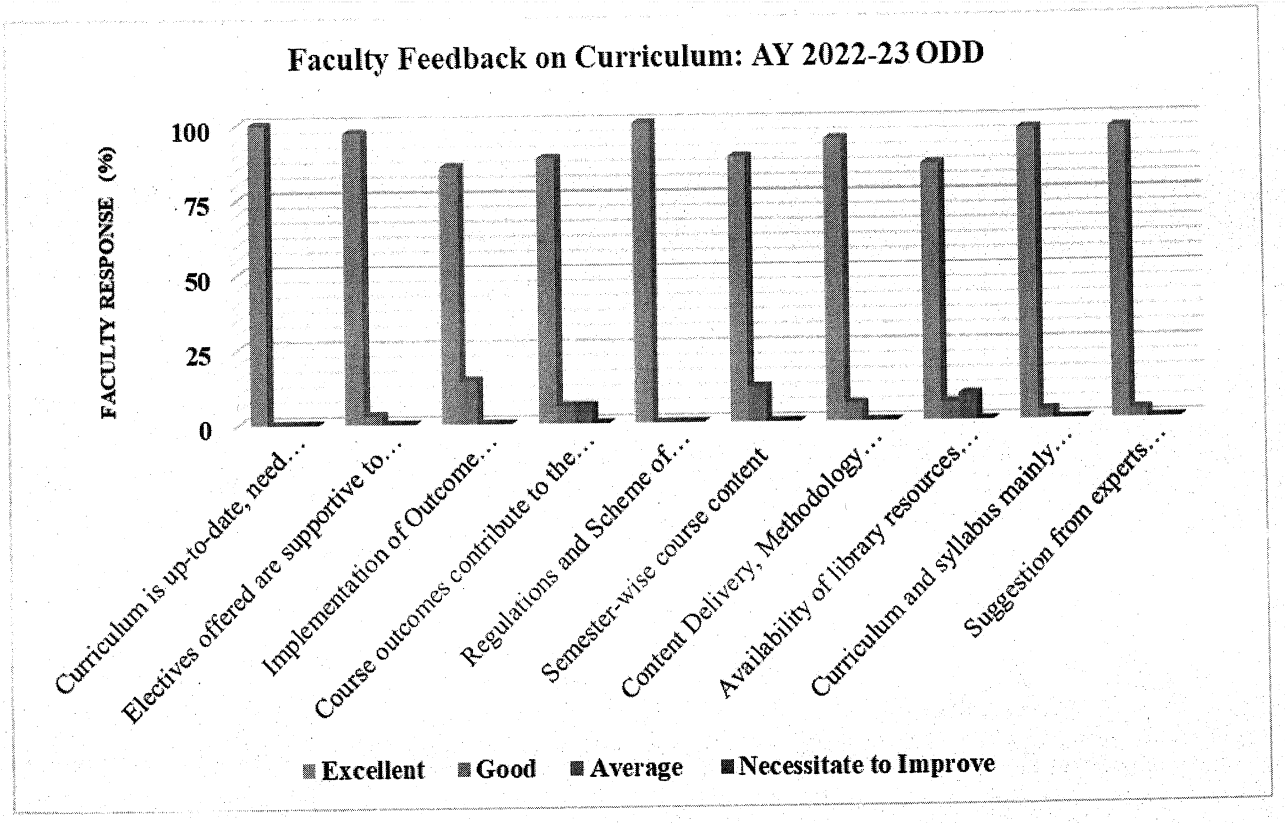

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.
- Implementation of Outcome Based Education, 86 % of faculties are highly satisfied and 14 % of faculties are satisfied.
- Course outcomes contribute to the fulfilment of program outcomes (PO) 94 % of faculties are highly satisfied and 6 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 94 % of faculties are highly satisfied and 6 % of faculties are good.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 91 % of faculties are highly satisfied and 9% of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry

ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 97 % of faculties are highly satisfied and 3% of faculties are satisfied.

Suggestions:

- Suggested to introduce 'IoT basics and Latest Automation developments' in the corresponding Honours verticals in R2022 curriculum.
- Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- Suggested to ensure Course objectives should be in line with Course outcomes.

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B.E MECHANICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	9	1	0	0	10
2.	Implementation of Outcome Based Education	8	1	1	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	10	0	0	0	10
4.	Offered Courses related to Industry/employability	10	0	0	0	10
5.	Competencies/outcomes in relation to the course content	8	1	1	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	8	2	0	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	10	0	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	9	1	0	0	10

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	90	10	0	0	100
2.	Implementation of Outcome Based Education	80	10	10	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	80	10	10	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	80	20	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	90	10	0	0	100

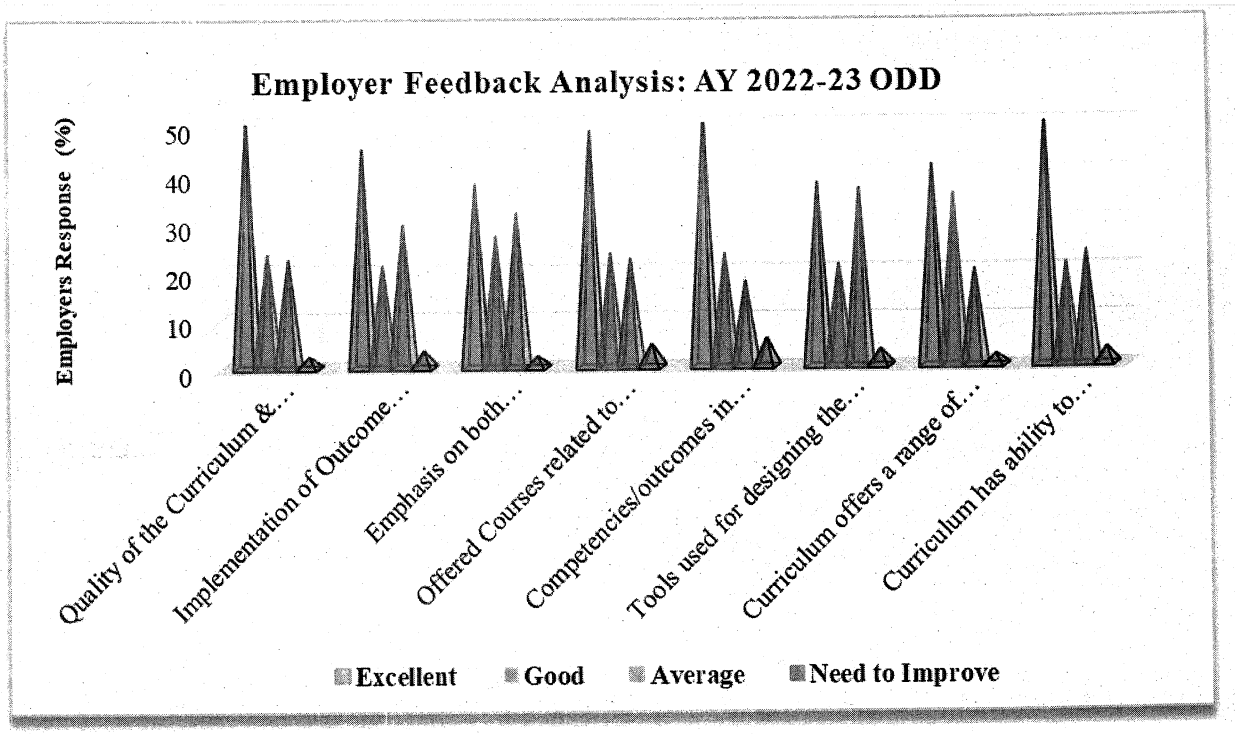

Fig. 1. Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, 90% of Employers are given excellent, 10% of Employers are given good.
- Implementation of Outcome Based Education, 80% of Employers are given excellent, 10% of Employers are given good, also 10% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 100% of Employers are given excellent.
- Competencies/outcomes in relation to the course content, all 80% of Employers are given excellent, 10% of Employers are given good, also 10% of Employers are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 80% of Employers are given excellent, 20% of Employers are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 90% of Employers are given excellent, 10% of Employers are given good.

Suggestions:

- ✓ Suggested to include more industry oriented and recent industrial developments in the syllabus.
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ More number of skills oriented training programs to be conducted every year.

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B.E MECHANICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessi tate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	35	3	2	0	40
2.	Regulations and Scheme of Examination	36	4	0	0	40
3.	Semester-wise course content	37	3	0	0	40
4.	Content Delivery, Methodology & Learning Resources	33	5	2	0	40
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	35	3	2	0	40
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	33	7	0	0	40
7.	Availability of library resources supports Text and Reference Books suggested to study	31	7	2	0	40

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	88	8	5	0	100
2.	Regulations and Scheme of Examination	90	10	0	0	100
3.	Semester-wise course content	93	8	0	0	100
4.	Content Delivery, Methodology & Learning Resources	83	13	5	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	88	8	5	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	83	18	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	78	18	5	0	100

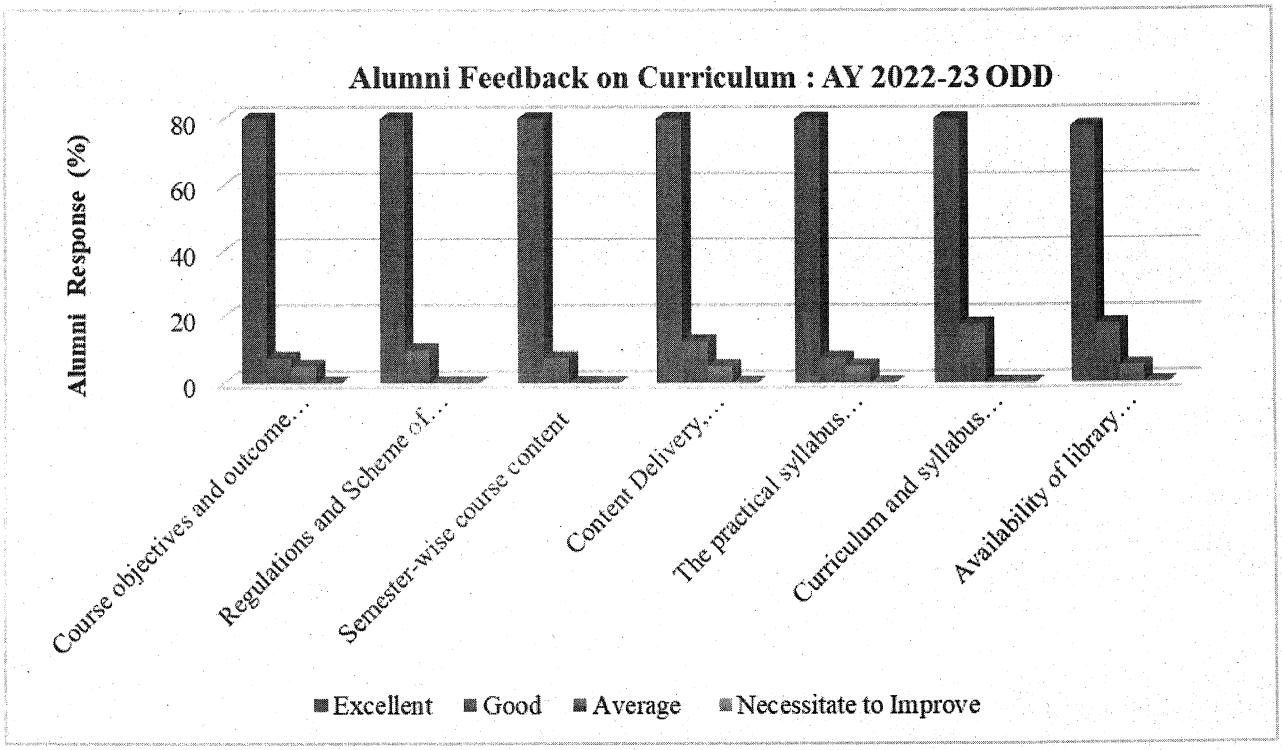

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 88% of Alumni are highly satisfied and 12% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination, 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content, 93 % of Alumni are highly satisfied, 8% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 96% of Alumni are highly satisfied, and 5% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 83% of Alumni are highly satisfied, 17 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 78% of Alumni are highly satisfied, 18% of Alumni are satisfied and 4% of Alumni are moderately satisfied.

Suggestions:

- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Invest in the latest educational technologies and digital resources to enhance the learning experience.
- Propose to develop carrier counseling and guidance center to support students in aligning their skills with industry demands.

Chairman, Board of Studies

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B.E MECHANICAL ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	8	2	0	0	10
2.	Implementation of Outcome Based Education	5	3	2	0	10
3.	Quality of PEOs, POs and COs	5	3	2	0	10
4.	Regulations and Scheme of Examination	10	0	0	0	10
5.	Semester-wise course content	7	3	0	0	10
6.	Content Delivery, Methodology and Learning Resources	5	3	2	0	10
7.	Text and reference books proposed for study	6	2	2	0	10
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	6	2	2	0	10
9.	Question Paper Pattern and Standard (Blooms Level)	6	2	2	0	10
10.	Panel of Examiners	10	0	0	0	10

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80	20	0	0	100
2	Implementation of Outcome Based Education	50	30	20	0	100
3.	Quality of PEOs, POs and COs	50	30	20	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	70	30	0	0	100
6.	Content Delivery, Methodology and Learning Resources	50	30	20	0	100
7.	Text and reference books proposed for study	60	20	20	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	60	20	20	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	60	20	20	0	100
10.	Panel of Examiners	100	0	0	0	100

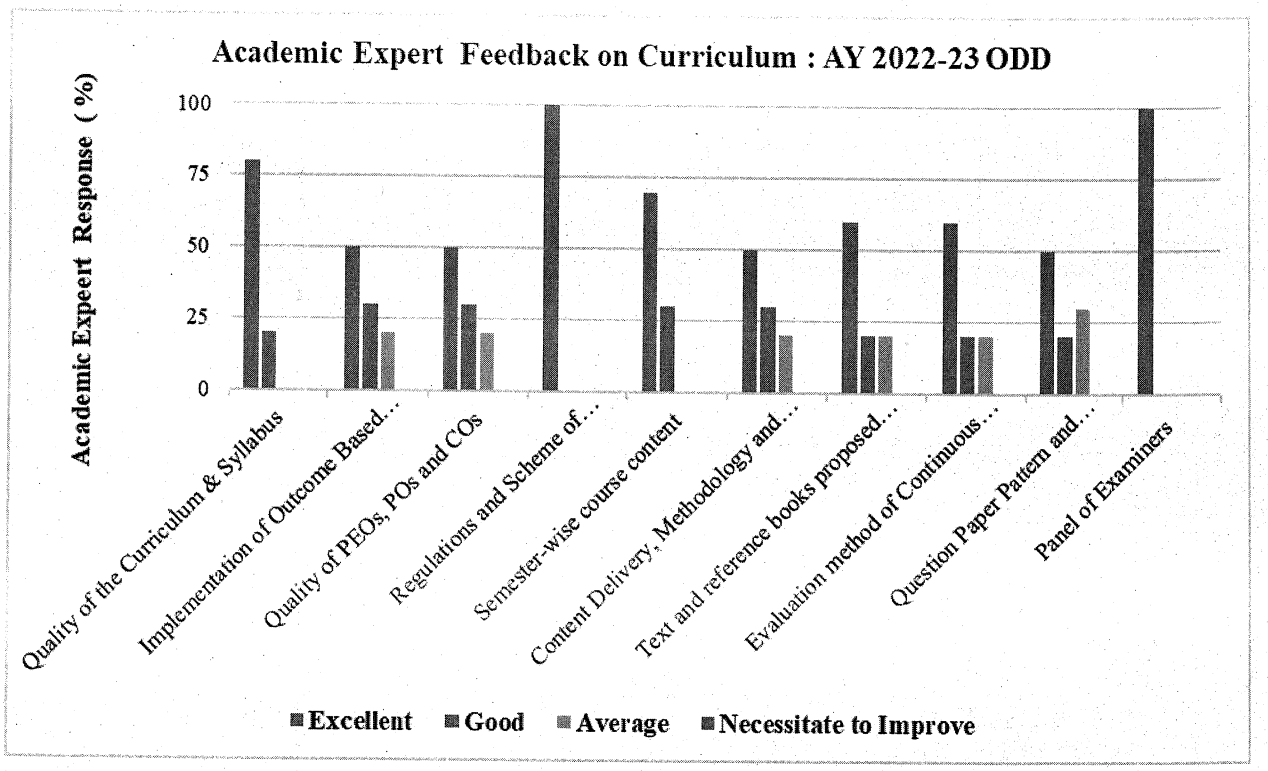

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 50% of Academic Experts are given as Excellent, 30% of Academic Experts are given are given as Good and 20% of Academic Experts are given are given as Average.
- The Quality of PEOs, POs and COs, 50% of Academic Experts are given as Excellent, 30% of Academic Experts are given are given as Good and 20% of Academic Experts are given are given as Average.
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 70% of Academic Experts are given as Excellent and 30% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 50% of Academic Experts are given as Excellent, 30% of Academic Experts are given are given as Good and 20% of Academic Experts are given are given as Average.

- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 60% of Academic Experts are given as Excellent, 20% of Academic Experts are given are given as Good and 20% of Academic Experts are given are given as Average.
- For Question Paper Pattern and Standard (Blooms Level), 50% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good and 20% are given as Average.
- For Panel of Examiners, 100% of Academic Experts are given as Excellent are given are given as Good.

Suggestions:

- Suggested changes in Course Objectives and Course Outcomes in Engineering graphics and engineering Drawing for R2022.
- Suggested to include application oriented topics and new era technologies in the higher semester syllabus for R2022.

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DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ALUMNI FEED BACK ANALYSIS

2022-2023

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B.E-Mechatronics Engineering

AlumniFeedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	58	32	14		104
2.	Regulations and Scheme of Examination	73	19	12		104
3.	Semester-wise course content	58	31	15		104
4.	Content Delivery, Methodology & Learning Resources	55	30	19		104
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	58	30	16		104
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	48	30	26		104
7.	Availability of library resources supports Text and Reference Books suggested to study	41	31	32		104

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Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	56	31	13	0	100
2.	Regulations and Scheme of Examination	70	18	12	0	100
3.	Semester-wise course content	56	30	14	0	100
4.	Content Delivery, Methodology & Learning Resources	53	29	18	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	56	29	15	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	46	29	25	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	39	30	31	0	100

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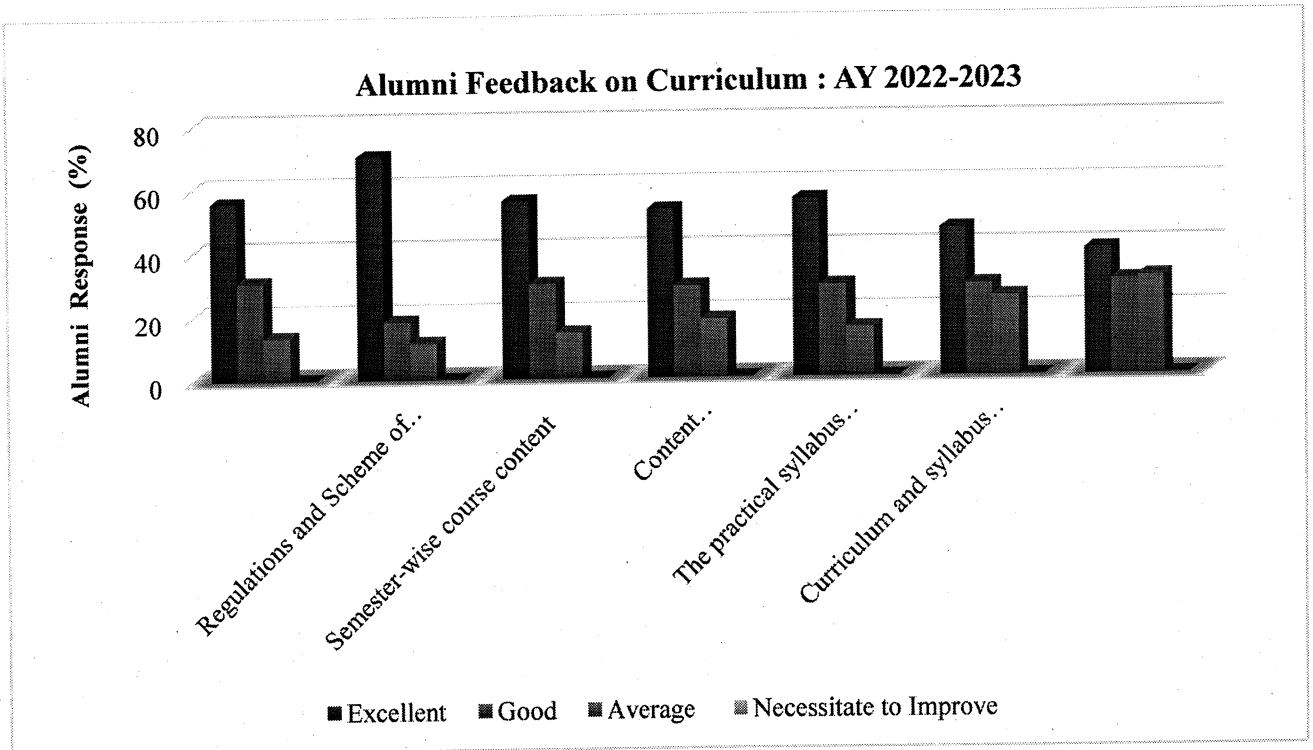

Fig.1.Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.

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- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

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DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

PARENT FEED BACK ANALYSIS

2022-2023

Chairman - BoS
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B.E-Mechatronics Engineering

Parent Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parent Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	38	15	5		58
2.	Teaching Faculty treat the students equally irrespective of the background	42	13	3		58
3.	Transparency of the evaluation system followed by the Institution	44	11	3		58
4.	Infrastructure and Lab Facility available to support the curriculum.	40	13	5		58
5.	Availability of the text and reference books in Central and Department library.	29	21	7	1	58

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Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

Sl.No.	Sl.No.	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	66	26	9	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	72	22	5	0	100
3.	Transparency of the evaluation system followed by the Institution	76	19	5	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	69	22	9	0	100
5.	Availability of the text and reference books in Central and Department library.	50	36	12	2	100

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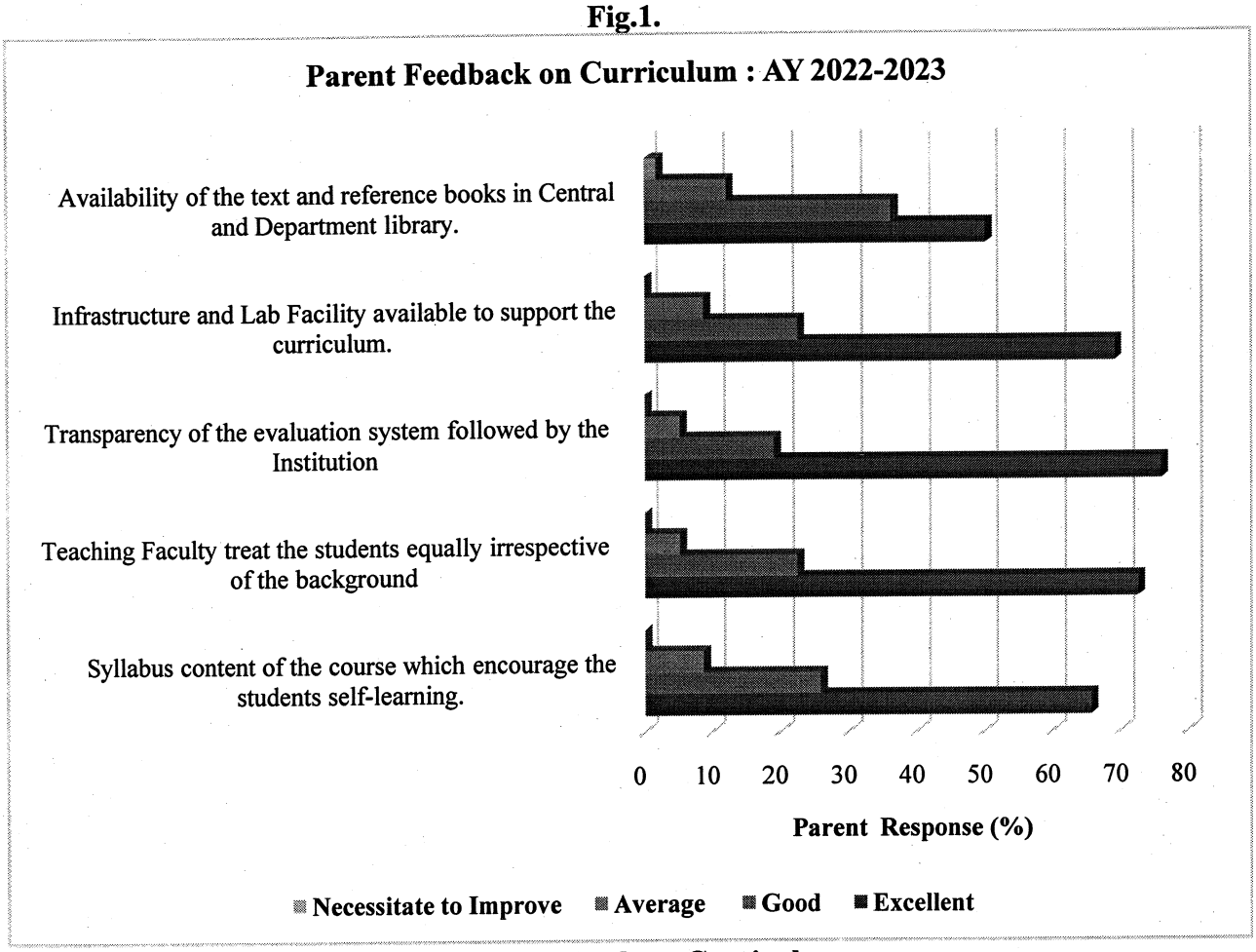
Fig.1.



Parent Feedback on Curriculum

REPORT

The Parentresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.

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- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

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DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ACADEMIC EXPERT FEED BACK ANALYSIS

2022-2023

Chairman - BoS
MCT - HiCET

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B.E-Mechatronics Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	1	2	2		5
	Implementation of Outcome Based Education	1	2	2		5
3.	Quality of PEOs, POs and COs	1	2	1	1	5
4.	Regulations and Scheme of Examination	1	2	2		5
5.	Semester-wise course content		2	3		5
6.	Content Delivery, Methodology and Learning Resources	2	3			5
7.	Text and reference books proposed for study	3	1	1		5
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	2	2	1		5
9.	Question Paper Pattern and Standard (Blooms Level)	2	1	1	1	5
10.	Panel of Examiners	1	2	1	1	5

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Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	20	40	40	0	100
	Implementation of Outcome Based Education	20	40	40	0	100
3.	Quality of PEOs, POs and COs	20	40	20	20	100
4.	Regulations and Scheme of Examination	20	40	40	0	100
5.	Semester-wise course content	0	40	60	0	100
6.	Content Delivery, Methodology and Learning Resources	40	60	0	0	100
7.	Text and reference books proposed for study	60	20	20	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	40	40	20	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	40	20	20	20	100
10.	Panel of Examiners	20	40	20	20	100

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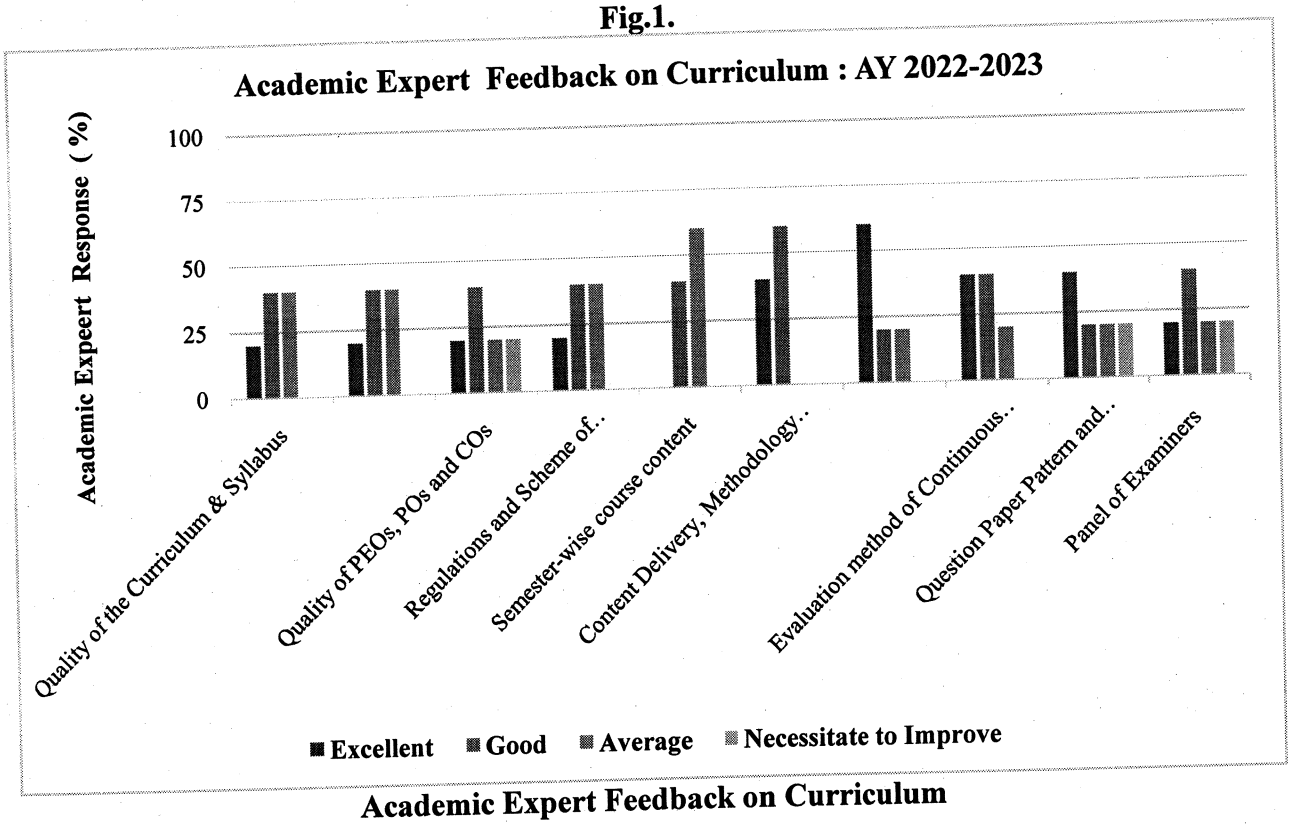
Fig.1.



Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.

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- ❖ "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- ❖ "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- ❖ "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- ❖ "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- ❖ "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Suggestions

- ✓ Dr.A.Arockia Rajan suggested to change the title for the experiment 8: Speed control of a FAN with a temperature sensor to Speed control of a FAN with an analog sensor"
- ✓ Dr.K.Selvaraj Industrial IOT" can be replaced with NPTEL Courses "Introduction to Industry 4.0 and Industrial Internet of Things"

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DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

EMPLOYER FEEDBACK ANALYSIS

2022-2023

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B.E-Mechatronics Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employers Response					
1	Quality of the Curriculum & Syllabus	23	10	8	2	43
2	Implementation of Outcome Based Education	28	8	5	2	43
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	20	13	7	3	43
4	Offered Courses related to Industry/employability	21	10	8	4	43
5	Competencies/outcomes in relation to the course content	24	10	5	4	43
6	Tools used for designing the experiments in terms of existing practices in the industries	22	8	11	2	43
7	Curriculum offers a range of professional and open electives/value-added courses	25	10	7	1	43
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	26	8	6	3	43

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Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	53	23	19	5	100
2	Implementation of Outcome Based Education	65	19	12	5	100
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	47	30	16	7	100
4	Offered Courses related to Industry/employability	49	23	19	9	100
5	Competencies/outcomes in relation to the course content	56	23	12	9	100
6	Tools used for designing the experiments in terms of existing practices in the industries	51	19	26	5	100
7	Curriculum offers a range of professional and open electives/value-added courses	58	23	16	2	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	60	19	14	7	100

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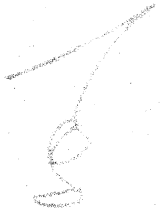

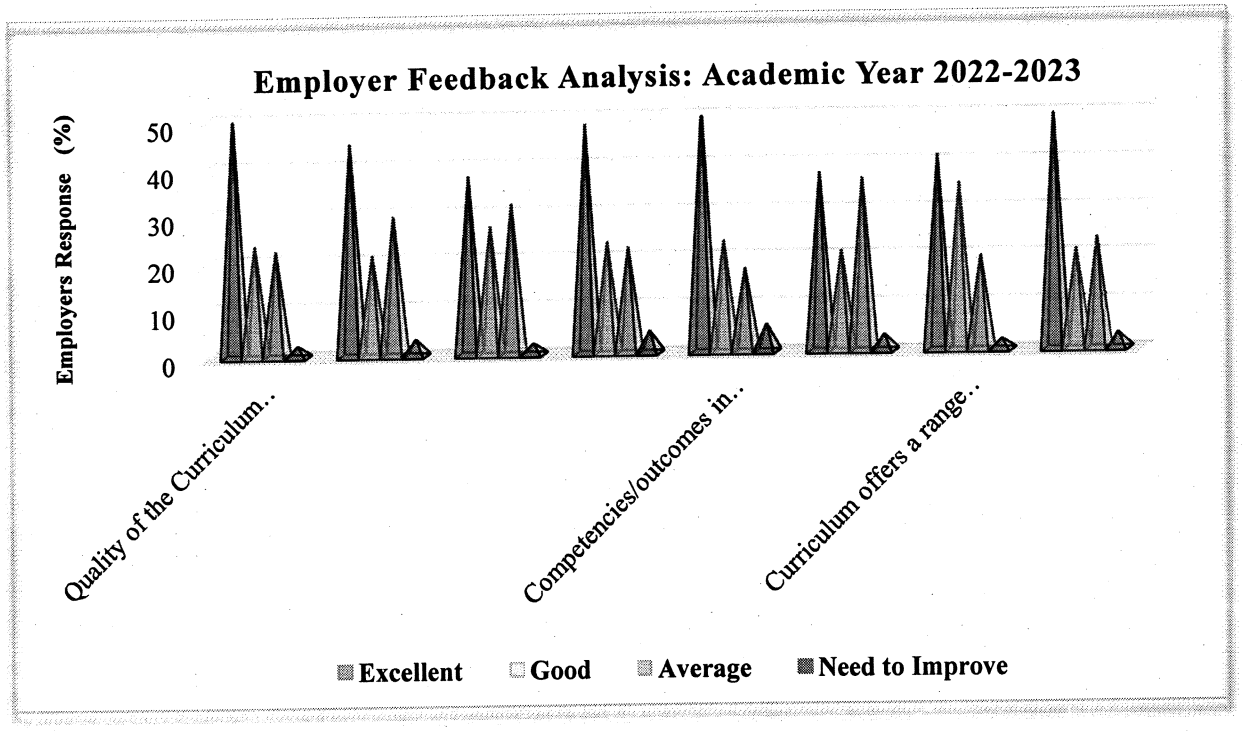

Fig.1.EmployerFeedback on Curriculum

REPORT

The Employerresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.

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- ”OBE attainment of your course/ programme” scored 92.86%, and 7.14% as excellent, and good respectively.
- “Opportunity to contribute/ participate in various committees, FDPs, conference and workshops” scored 100 % as excellent.
- “Availability of library resources” scored 85.71%, and 14.29% as excellent, and good respectively.
- “Learning opportunities for your career advancement in the institution” scored 100 % as excellent.

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Coimbatore 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

FACULTY FEED BACK ANALYSIS

2022-2023

Chairman - BoS
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B.E-Mechatronics Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	14				14
2.	Electives offered are supportive to the core papers	13	1			14
3.	Implementation of Outcome Based Education	13	1			14
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14				14
5.	Regulations and Scheme of Examination	13	1			14
6.	Semester-wise course content	14				14
7.	Content Delivery, Methodology and Learning Resources	12	1			13
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2			14
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	14				14
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14				14

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Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	92.86	7.14	0	0	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	92.86	7.14	0	0	100
4.	Representation from experts (in BoS helps to design and update syllabus	100.00	0.00	0	0	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	92.86	7.14	0	0	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	100.00	0.00	0	0	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	92.31	7.69	0	0	100
8.	Our training and placement courses for the curriculum makes students industry ready	85.71	14.29	0	0	100
9.	OBE attainment of your course/ programme	100.00	0.00	0	0	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	100.00	0.00	0	0	100
11.	Availability of library resources	100	0	0	0	100
12.	Learning opportunities for your career advancement in the institution	92.86	7.14	0	0	100

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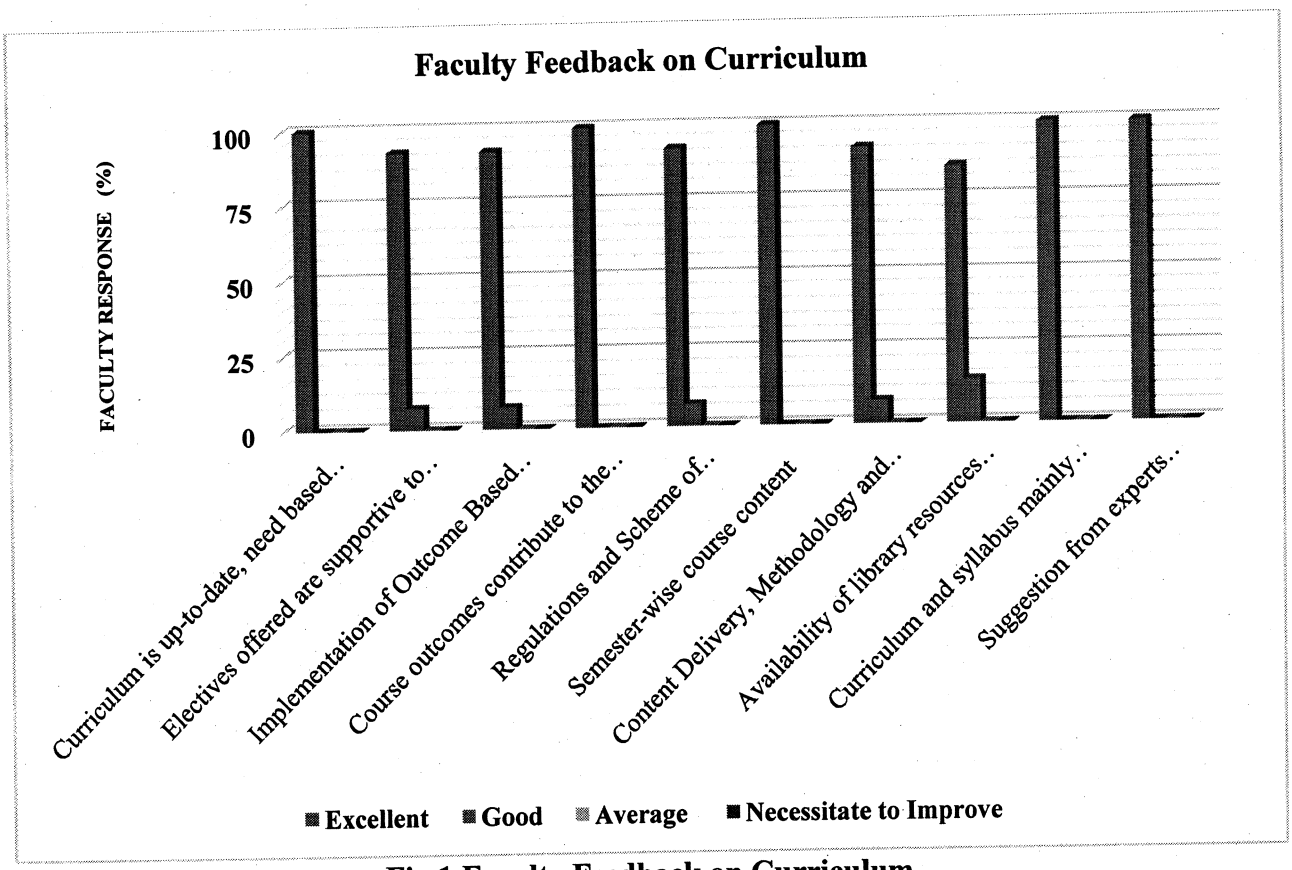

Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.

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- ❖ "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- ❖ "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- ❖ "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- ❖ "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- ❖ "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- ❖ "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Suggestions

- ✓ Dr.Pradeep Johnsonsuggested to add, study of software packages can be added in experiment list

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DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

STUDENT FEEDBACK ANALYSIS

2022-2023

Chairman - BoS
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B.E-Mechatronics Engineering

Student Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	208	97	14	1	320
2.	Course objective & course outcomes are achieved in the syllabus.	235	58	27		320
3.	Professional and open Electives offered are supportive to the core papers.	228	66	26		320
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	264	39	17		320
5.	Profundity of the course content in the syllabus.	262	38	20		320
6.	Exact Sequence of the courses provided in the curriculum	285	20	13	2	320
7.	Syllabus coverage in class by the teaching faculty	291	18	11		320
8.	Faculty Encouragement in learning process	285	21	14		320
9.	Teaching and learning process enables clear understanding of the course content.	293	18	9		320
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	291	20	6	3	320

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11.	Availability of library resources in central and departmental library.	206	62	39	13	320
12.	Reliability of Assessment and Evaluation Process.	284	25	11		320
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	283	26	11		320
14.	Curriculum has ability to develop Entrepreneurship and Employability.	240	42	36	2	320

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Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	65	30	4	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	73	18	8	0	100
3.	Professional and open Electives offered are supportive to the core papers.	71	21	8	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	83	12	5	0	100
5.	Profundity of the course content in the syllabus.	82	12	6	0	100
6.	Exact Sequence of the courses provided in the curriculum.	89	6	4	0.6	100
7.	Syllabus coverage in class by the teaching faculty.	91	6	3	0	100
8.	Faculty Encouragement in learning process.	89	7	4	0	100
9.	Teaching and learning process enables clear understanding of the course content.	92	6	3	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	91	6	2	0.9	100
11.	Availability of library resources in central and departmental library.	64	19	12	4.0625	100
12.	Reliability of Assessment and Evaluation Process.	89	8	3	0	100

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13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	88	8	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	75	13	11	0.625	100

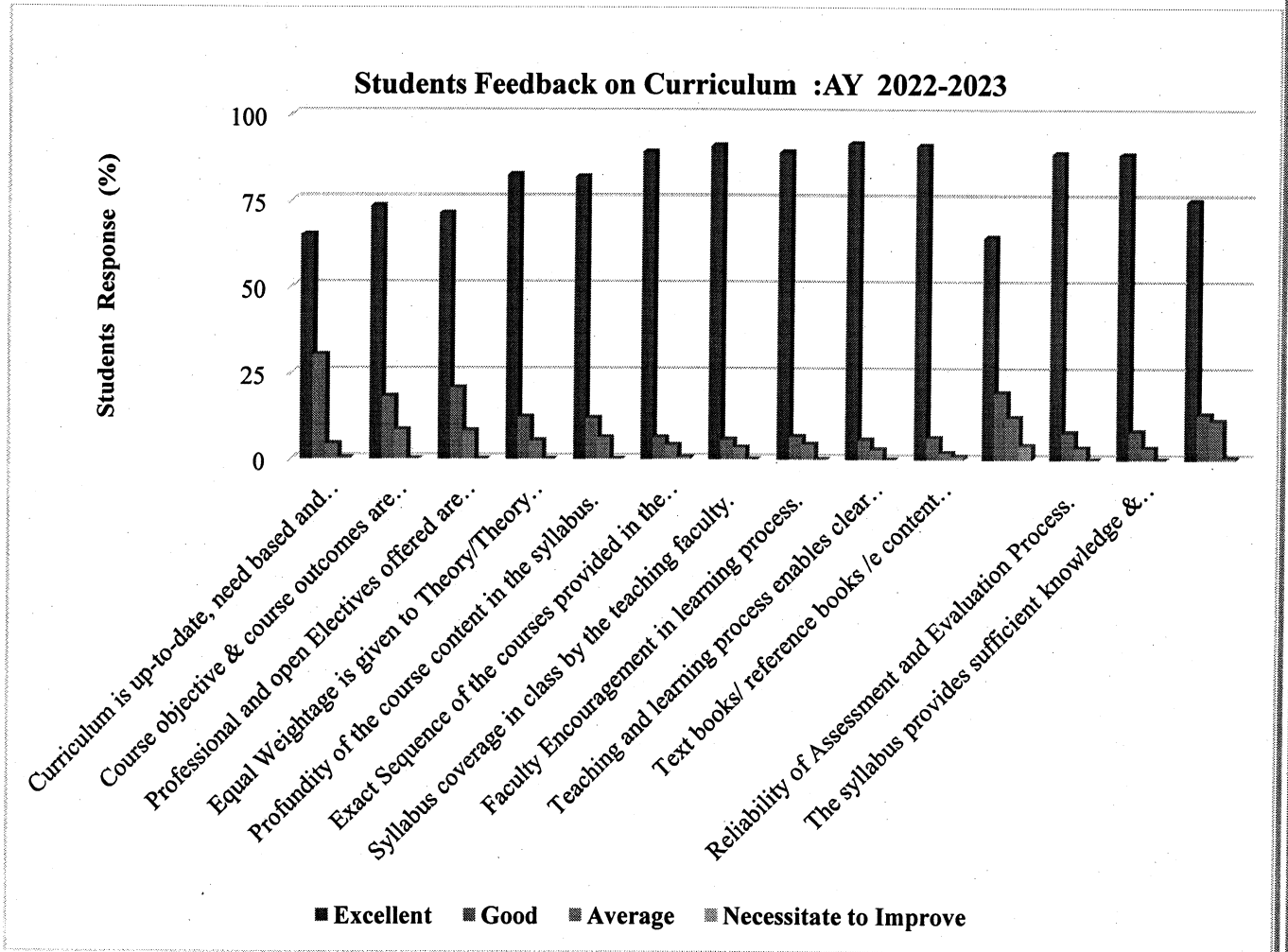

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Fig.1.StudentFeedback on Curriculum

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REPORT

The Studentresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Course objective & Course outcomes are achieved in the syllabus" scored 100% as excellent.
- "Professional and open Electives offered are supportive to the core paper" scored 100% as excellent.
- "Equal Weightage is given to theory/theory with laboratory/Practical/Mandatory course content scored 100% as excellent.
- "Profundity of the course content in the syllabus" as scored 100% as excellent.
- "Exact Sequence of the course provided in the curriculum" scored 100% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 100% as excellent.
- "Faculty encouragement in learning process" scored 100 % as excellent.
- "Teaching and learning process enable clear understanding of the course content" scored 100% as excellent.
- "Text books/reference books/content recommended in the syllabus are relevant and updated" scored 100% as excellent.
- "Availability of library resources in central and department library"scored 100% as excellent.
- "Reliability of Assessment and Evaluation Process"scored 100% as excellent.
- "The Syllabus provides sufficient knowledge & perspective in the respective branch" as scored 100% as excellent.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 100% as excellent.

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Hindusthan College of Engineering and Technology

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Syllabus Revision based Stakeholders suggestion -AY 2022-2023

Department of Mechatronics Engineering

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Academic Expert	Dr.A.Arockia Rajan suggested to change the title for the experiment 8: Speed control of a FAN with a temperature sensor to Speed control of a FAN with an analog sensor"	22MT3072 Home Automation	-	Titleof experiment 8 Changed
Industry Expert	Dr.K.Selvaraj Industrial IOT" can be replaced with NPTEL Courses "Introduction to Industry 4.0 and Industrial Internet of Things"	19MT8302 Industrial IOT	100	Course replaced as 19MT8309 Introduction to Industry 4.0 and Industrial Internet of Things" and implemented for the batch 2020-2024
Faculty	Dr.Pradeep Johnson suggested to add,study of software packages can be added in experiment list	22MT4002 CAD Laboratory	10	Added the study experiment in CAD laboratory.

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SYLLABUS REVISION- AY 2022-2023

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Programme	Course code	Name of the course	L	P	S	A
B.Tech	22MT3072	HOME AUTOMATION	0	0	4	2

The student should be made

Course Objective

1	To familiarize the basic introduction of automation process
2	To impart knowledge on basics communication system
3	To study the basic programming knowledge in automation
4	To impart knowledge on developing experimental model in automation
5	To prepare the product ideas from the real time problems

Unit	Description	Instructional Hours
1	Study of different types of Sensors and Actuators	3
2	Study of various Controllers	3
3	Study of Data Acquisition System	3
4	Study of Communication Protocols	3
5	LED Blink Using Arduino	3
6	Arduino based Light control with LDR Sensor	3
7	FAN ON/OFF control using PIR sensor	3
8	Speed control of a FAN with a analog sensor	3
9	Security control with biometric sensor	3
10	Floor cleaning BOT	3
11	Gas Leakage Indication system	3
12	Tank Level control	3
	Total Instructional Hours	**45**

Course Outcome

CO1	To identify suitable automation process
CO2	To use appropriate communication protocols
CO3	To apply the programming knowledge in automation
CO4	To developing experimental model in automation
CO5	To use appropriate semiconductor devices for applications

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Programme	Course code	Name of the course	L	P	S	A
B.Tech	22MT4002	CAD LABORATORY	0	0	4	2

	The student should be made	
Course Objective	1	To develop skills on 2D drafting and 3D modeling using CAD software systems
	2	To apply constructional drawing techniques in Engineering field
	3	To provide the importance of computer aided machine drawing in various applications
	4	To assemble various components to achieve the desire mechanisms
	5	To expose students to gain knowledge in machine design elements

Unit	Description	Instructional Hours
1	Study of Drawing standards and fits and tolerances	3
2	Introduction to drafting Software	3
3	2D Drafting of Piston	3
4	2D Drafting of Non-return valves	3
5	Introduction to modelling software	3
6	3D Assembly Drawing of Flange Coupling	3
7	3D Assembly Drawing of Universal Coupling	3
8	3D Assembly Drawing of Knuckle Joint	3
9	3D Assembly Drawing of Screw Jack	3
10	3D Assembly Drawing of Stuffing Box	3
11	3D Assembly Drawing of Plummer Block	3
12	3D Assembly Drawing of Connecting Rod	3
	Total Instructional Hours	**45**

Course Outcome	CO1	Develop 2D, 3D models using modeling software
	CO2	Design and model the constructional features in Engineering field
	CO3	Apply the design skills in computer aided machine drawing
	CO4	Demonstrate the machine drawings in assembly operations
	CO5	Design and model the given machine elements

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		THEORYCOURSES				
Programme	**Course Code**	**NameoftheCourse**	**L**	**T**	**P**	**C**
BE	19MT8309	**Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL)**	3	0	0	3

Week 1 : Introduction: Sensing & actuation, Communication-Part I, Part II, Networking-Part I, Part II

Week 2 : Industry 4.0: Globalization and Emerging Issues, The Fourth Revolution, LEAN Production Systems, Smart and Connected Business Perspective, Smart Factories

Week 3 : Industry 4.0: Cyber Physical Systems and Next Generation Sensors, Collaborative Platform and Product Lifecycle Management, Augmented Reality and Virtual Reality, Artificial Intelligence, Big Data and Advanced Analysis

Week 4 : Cybersecurity in Industry 4.0, Basics of Industrial IoT: Industrial Processes-Part I, Part II, Industrial Sensing & Actuation, Industrial Internet Systems

Week 5 : IIoT-Introduction, Industrial IoT: Business Model and Reference Architecture: IIoT-Business Models-Part I, Part II, IIoT Reference Architecture-Part I, Part II

Week 6 : Industrial IoT- Layers: IIoT Sensing-Part I, Part II, IIoT Processing-Part I, Part II, IIoT Communication-Part I

Week 7 : Industrial IoT- Layers: IIoT Communication-Part II, Part III, IIoT Networking-Part I, Part II, Part III

Week 8 : Industrial IoT: Big Data Analytics and Software Defined Networks: IIoT Analytics - Introduction, Machine Learning and Data Science - Part I, Part II, R and Julia Programming, Data Management with Hadoop.

Week 9 : Industrial IoT: Big Data Analytics and Software Defined Networks: SDN in IIoT-Part I, Part II, Data Center Networks, Industrial IoT: Security and Fog Computing: Cloud Computing in IIoT-Part I, Part II

Week 10 : Industrial IoT: Security and Fog Computing - Fog Computing in IIoT, Security in IIoT-Part I, Part II, Industrial IoT-Application Domains: Factories and Assembly Line, Food Industry.

Week 11 : Industrial IoT- Application Domains: Healthcare, Power Plants, Inventory Management & Quality Control, Plant Safety and Security (Including AR and VR safety applications), Facility Management.

Week 12 : Industrial IoT- Application Domains: Oil, chemical and pharmaceutical industry, Applications of UAVs in Industries, Real case studies :

Case study - I : Milk Processing and Packaging Industries

Case study - II: Manufacturing Industries - Part I

Case study - III : Manufacturing Industries - Part II

Case study - IV : Student Projects - Part I

Case study - V : Student Projects - Part II

Case study - VI : Virtual Reality Lab

Case study - VII : Steel Technology Lab

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B.E/B.Tech- CHEMICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	4	0	0	8
2.	Implementation of Outcome Based Education	3	5	0	0	8
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	4	1	0	8
4.	Offered Courses related to Industry/employability	3	5	0	0	8
5.	Competencies/outcomes in relation to the course content	4	4	0	0	8
6.	Tools used for designing the experiments in terms of existing practices in the industries	2	6	0	0	8
7.	Curriculum offers a range of professional and open electives/value-added courses	5	3	0	0	8
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	7	1	0	0	8

Chairman - BoS
CHE - HiCET

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	50	0	0	100
2.	Implementation of Outcome Based Education	38	63	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	38	50	13	0	100
4.	Offered Courses related to Industry/employability	38	63	0	0	100
5.	Competencies/outcomes in relation to the course content	50	50	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	25	75	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	63	38	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	88	13	0	0	100

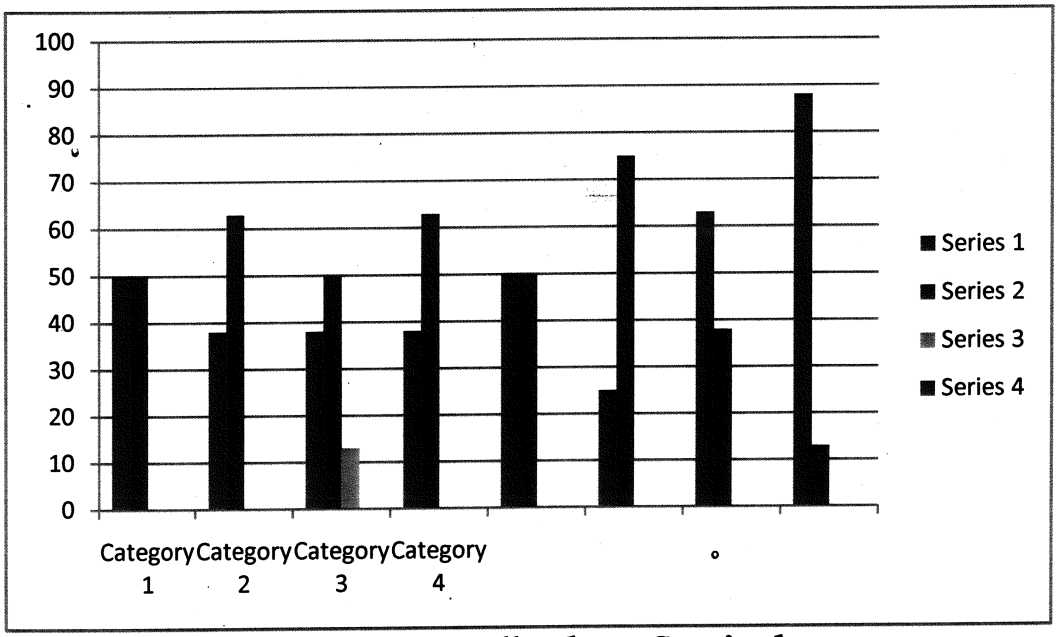

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly regarded, with 50% of respondents rating it as "Excellent" and 50% as "Good."

- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with 38% of respondents considering it "Excellent" and 63% as "Good."

- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with 38% of respondents considering it "Excellent" and 50% as "Good."

- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, with 38% of respondents rating it as "Excellent," 63% as "Good,"

- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 57.14% of respondents rating it as "Excellent," 38% as "Good," and 63% as "Average."

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 25% of respondents considering it "Excellent" and 75% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 42.86% of respondents rating it as "Excellent," 63% as "Good," and 38% as "Average."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 88% of respondents considering it "Excellent" and 13% as "Good."

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Course related to waste water treatment may be offered.
- ✓ Include case study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
CHE - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★
Chairman

Dean (Academics)
HiCET

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Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	8	6	0	0	14
2.	Teaching Faculty treat the students equally irrespective of the background	8	5	1	0	14
3.	Transparency of the evaluation system followed by the Institution	6	7	1	0	14
4.	Infrastructure and Lab Facility available to support the curriculum.	5	7	2	0	14
5.	Availability of the text and reference books in Central and Department library.	6	6	2	0	14

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	57	43	0	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	57	36	7	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	43	50	7	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	36	50	14	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	43	43	14	0.00	100.00

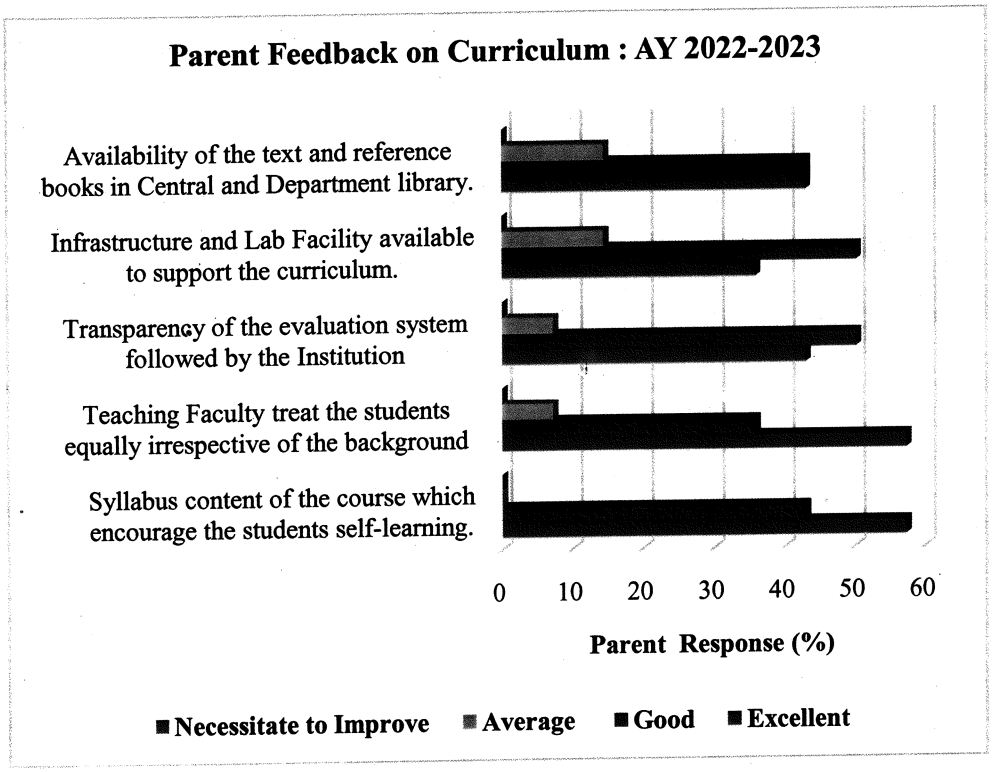

Fig.1. Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was highly appreciated for encouraging self-learning, with 57% of respondents rating it as "Excellent" and 43% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was commended for treating students equally, irrespective of their background, with 57% of respondents considering it "Excellent" ,36% as "Good, and 7% as "Average."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 43% of respondents considering it "Excellent" ,50% as "Good, and 7% as "Average."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 36% of respondents considering it "Excellent," 50% as "Good," and 14% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 43% of respondents rated it as "Excellent," 43% as "Good," and 14% as "Average."

- **Suggestions:**
- Opportunities towards Analytical Instrument in Curriculum may be strengthened.
- Seek funding or collaborations to upgrade facilities and provide state-of-the-art equipment for better practical learning experiences.

Chairman - BoS
CHE - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Chemical Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	24	45	8	0	77
2.	Course objective & course outcomes are achieved in the syllabus.	21	50	6	0	77
3.	Professional and open Electives offered are supportive to the core papers.	27	47	3	0	77
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	26	45	6	0	77
5.	Profundity of the course content in the syllabus.	26	48	3	0	77
6.	Exact Sequence of the courses provided in the curriculum	23	50	3	1	77
7.	Syllabus coverage in class by the teaching faculty	24	50	2	1	77
8.	Faculty Encouragement in learning process	27	47	2	1	77
9.	Teaching and learning process enables clear understanding of the course content.	24	47	5	1	77
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	19	50	7	1	77
11.	Availability of library resources in central and departmental library.	21	46	6	4	77
12.	Reliability of Assessment and Evaluation Process.	24	46	7		77
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	24	49	3	1	77
14.	Curriculum has ability to develop Entrepreneurship and Employability.	20	51	5	1	77

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	31	58	10	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	27	65	8	0	100
3.	Professional and open Electives offered are supportive to the core papers.	35	61	4	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	34	58	8	0	100
5.	Profundity of the course content in the syllabus.	34	62	4	0	100
6.	Exact Sequence of the courses provided in the curriculum.	30	65	4	1.3	100
7.	Syllabus coverage in class by the teaching faculty.	31	65	3	1.29	100
8.	Faculty Encouragement in learning process.	35	61	3	1.29	100
9.	Teaching and learning process enables clear understanding of the course content.	31	61	6	1.29	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	25	65	9	1.3	100
11.	Availability of library resources in central and departmental library.	27	60	8	5.19	100
12.	Reliability of Assessment and Evaluation Process.	31	60	9	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	31	64	4	1.29	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	26	66	6	1.29	100

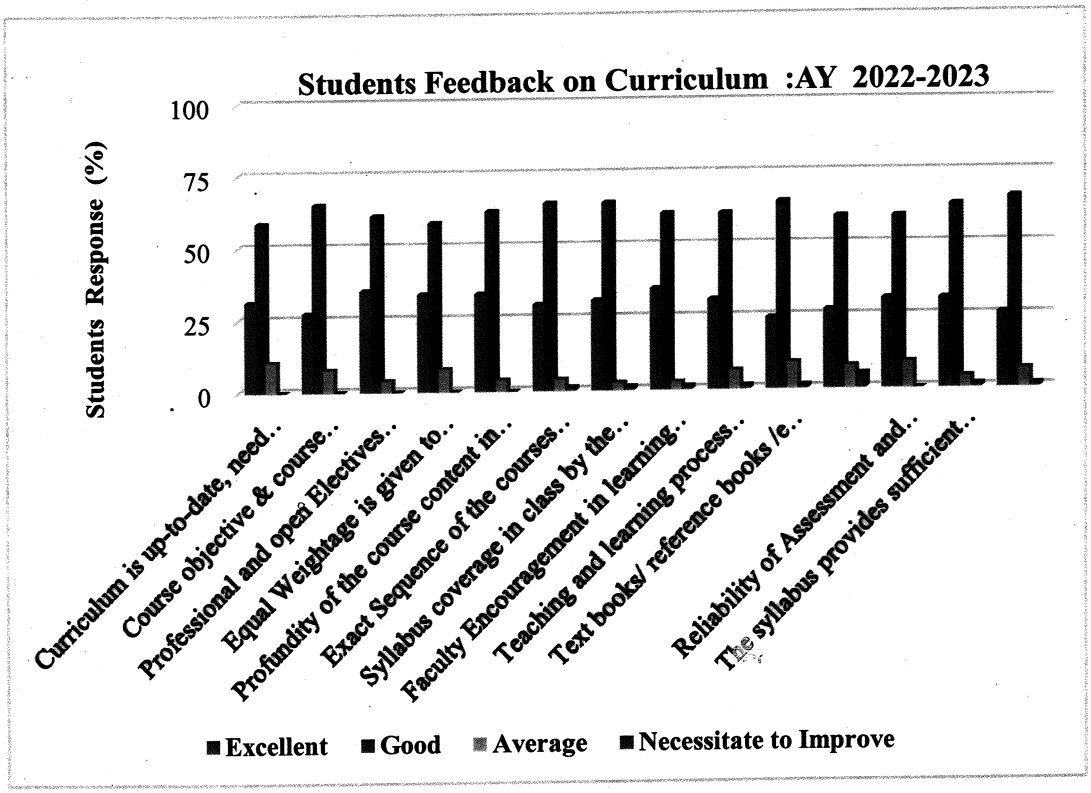

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly praised for its relevance, with 31%, 58% and 10% as excellent, good and average respectively.
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was well-regarded, with 27%, and65% and 8% as excellent, good and average respectively.
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 35%, 61% and 8% as excellent, good and average respectively.
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 34 % as excellent and 62% good and 4% average respectively.
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 34% of respondents considering it "Excellent," 62% as "Good," and 4% as "Average."
- Exact Sequence of the Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 30% of respondents considering it

"Excellent," 65% as "Good," 4% as "Average, and 1.3 as necessity to improve"

- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 31% of respondents considering it "Excellent," 65% as "Good," 4% as "Average, and 1.2 as necessity to improve
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 35% of respondents considering it "Excellent," 61% as "Good," 5% as "Average, and 1.2 as necessity to improve
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 31% of respondents considering it "Excellent," 61% as "Good," 6% as "Average, and 1.2 as necessity to improve."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, considering it "25% as Excellent," 65% as "Good," 9 % as "Average, and 1.2 as necessity to improve
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 27% of respondents considering it "Excellent," 60% as "Good," and 8% as "Average, and 5%as necessity to improve "
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 31% of respondents rating it as "Excellent," 60% as "Good," and 9% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 31% of respondents considering it "Excellent," 64% as "Good," and 4% as "Average, and 1.2 as necessity to improve "
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 26% of respondents rating it as "Excellent," 66% as "Good," and 6% as "Average, and 1.2 as necessity to improve "

Suggestions:

- ❖ Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- ❖ Provide opportunities for students to work to do training in Piping Design Engineering
- ❖ Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- ❖ More skill development courses and Employability Enhancement courses may be offered in the Curriculum

Chairman - BoS
CHE - HiCET

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	7	2			9
2.	Electives offered are supportive to the core papers	4	5			9
3.	Implementation of Outcome Based Education	5	4			9
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	1			9
5.	Regulations and Scheme of Examination	7	2			9
6.	Semester-wise course content	7	2			9
7.	Content Delivery, Methodology and Learning Resources	8	1			9
8.	Availability of library resources supports Text and Reference Books suggested to study	7	2			9
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	1			9
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	6	3			9

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	77.77	22.22	0	0	100
2.	Electives offered are supportive to the core papers	44.44	55.55	0	0	100
3.	Implementation of Outcome Based Education	55.55	44.44	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	88.88	11.11	0	0	100
5.	Regulations and Scheme of Examination	77.77	22.22	0	0	100
6.	Semester-wise course content	77.77	22.22	0	0	100
7.	Content Delivery, Methodology and Learning Resources	88.88	11.11	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	77.77	22.22	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	88.88	11.11	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	66.66	33.33	0	0	100

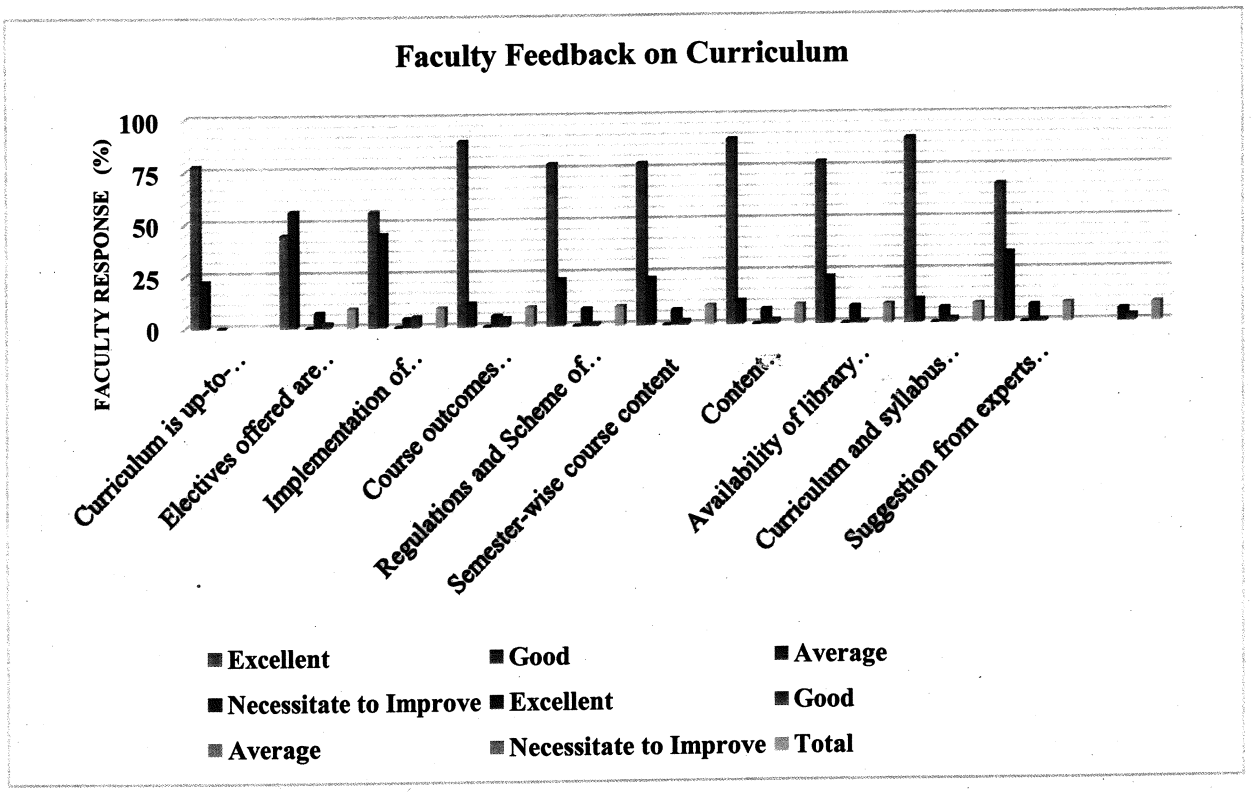

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- Electives offered were found to be supportive of the core papers, with 44.44% of respondents rating it as "Excellent" and 55.56% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 55.55% of respondents rating it as "Excellent" and 44.44 % as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 88.88% of respondents rating it as "Excellent" and 11.11% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- The semester-wise course content, content delivery, methodology, and learning resources were considered satisfactory, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- Regarding the availability of library resources supporting text and reference books suggested for study, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship with 88.88% of respondents rating it as "Excellent" and 11.11% as "Good."
- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 66.66% of respondents rating it as "Excellent" and 33.33% as "Good."

Suggestions:

- ❖ Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.

Chairman - BoS
CHE - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH *
Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Chemical Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	24	45	8	0	77
2.	Course objective & course outcomes are achieved in the syllabus.	21	50	6	0	77
3.	Professional and open Electives offered are supportive to the core papers.	27	47	3	0	77
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	26	45	6	0	77
5.	Profundity of the course content in the syllabus.	26	48	3	0	77
6.	Exact Sequence of the courses provided in the curriculum	23	50	3	1	77
7.	Syllabus coverage in class by the teaching faculty	24	50	2	1	77
8.	Faculty Encouragement in learning process	27	47	2	1	77
9.	Teaching and learning process enables clear understanding of the course content.	24	47	5	1	77
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	19	50	7	1	77
11.	Availability of library resources in central and departmental library.	21	46	6	4	77
12.	Reliability of Assessment and Evaluation Process.	24	46	7		77
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	24	49	3	1	77
14.	Curriculum has ability to develop Entrepreneurship and Employability.	20	51	5	1	77

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	31	58	10	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	27	65	8	0	100
3.	Professional and open Electives offered are supportive to the core papers.	35	61	4	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	34	58	8	0	100
5.	Profundity of the course content in the syllabus.	34	62	4	0	100
6.	Exact Sequence of the courses provided in the curriculum.	30	65	4	1.3	100
7.	Syllabus coverage in class by the teaching faculty.	31	65	3	1.29	100
8.	Faculty Encouragement in learning process.	35	61	3	1.29	100
9.	Teaching and learning process enables clear understanding of the course content.	31	61	6	1.29	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	25	65	9	1.3	100
11.	Availability of library resources in central and departmental library.	27	60	8	5.19	100
12.	Reliability of Assessment and Evaluation Process.	31	60	9	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	31	64	4	1.29	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	26	66	6	1.29	100

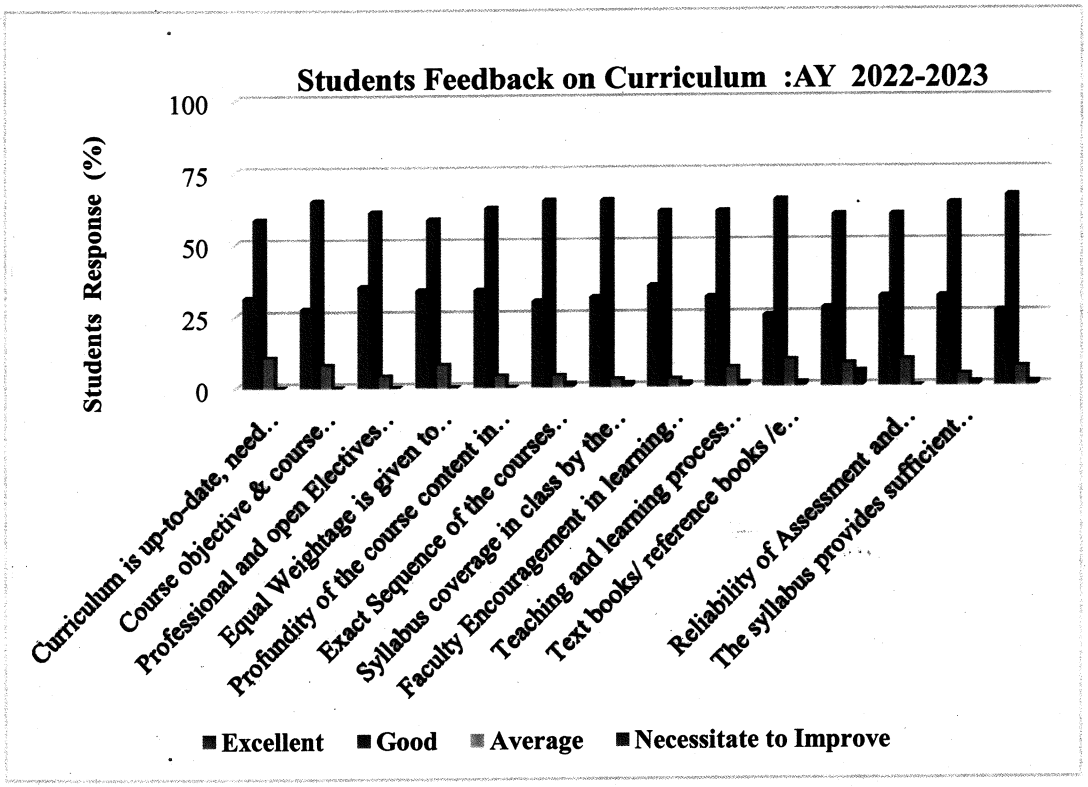

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly praised for its relevance, with 31%, 58% and 10% as excellent, good and average respectively.
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was well-regarded, with 27%, and65% and 8% as excellent, good and average respectively.
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 35%, 61% and 8% as excellent, good and average respectively.
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 34 % as excellent and 62% good and 4% average respectively.
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 34% of respondents considering it "Excellent," 62% as "Good," and 4% as "Average."
- Exact Sequence of the Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 30% of respondents considering it

"Excellent," 65% as "Good," 4% as "Average, and 1.3 as necessity to improve"

- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 31% of respondents considering it "Excellent," 65% as "Good," 4% as "Average, and 1.2 as necessity to improve
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 35% of respondents considering it "Excellent," 61% as "Good," 5% as "Average, and 1.2 as necessity to improve
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 31% of respondents considering it "Excellent," 61% as "Good," 6% as "Average, and 1.2 as necessity to improve."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, considering it "25% as Excellent," 65% as "Good," 9 % as "Average, and 1.2 as necessity to improve
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 27% of respondents considering it "Excellent," 60% as "Good," and 8% as "Average, and 5%as necessity to improve "
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 31% of respondents rating it as "Excellent," 60% as "Good," and 9% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 31% of respondents considering it "Excellent," 64% as "Good," and 4% as "Average, and 1.2 as necessity to improve "
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 26% of respondents rating it as "Excellent," 66% as "Good," and 6% as "Average, and 1.2 as necessity to improve "

Suggestions:

- ❖ Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- ❖ Provide opportunities for students to work to do training in Piping Design Engineering
- ❖ Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- ❖ More skill development courses and Employability Enhancement courses may be offered in the Curriculum

Chairman - BoS
CHE - HICET

Chairman

Dean (Academics)
HICET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

MCA – COMPUTER APPLICATIONS

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	61				61
2.	Course objective & course outcomes are achieved in the syllabus.	60	1			61
3.	Professional and open Electives offered are supportive to the core papers.	57	3	1		61
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	55	5	1		61
5.	Profundity of the course content in the syllabus.	54	5	2		61
6.	Exact Sequence of the courses provided in the curriculum	59	2			61
7.	Syllabus coverage in class by the teaching faculty	60	1			61
8.	Faculty Encouragement in learning process	61				61
9.	Teaching and learning process enables clear understanding of the course content.	59	2			61
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	56	5			61
11.	Availability of library resources in central and departmental library.	59	2			61
12.	Reliability of Assessment and Evaluation Process.	58	3			61
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	57	4			61
14.	Curriculum has ability to develop Entrepreneurship and Employability.	59	2			61

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	98	2	0	0	100
3.	Professional and open Electives offered are supportive to the core papers.	93	5	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90	8	2	0	100
5.	Profundity of the course content in the syllabus.	89	8	3	0	100
6.	Exact Sequence of the courses provided in the curriculum.	97	3	0	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	98	2	0	0	100
8.	Faculty Encouragement in learning process.	100	0	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	97	3	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	8	0	0.0	100
11.	Availability of library resources in central and departmental library.	97	3	0	0.0	100
12.	Reliability of Assessment and Evaluation Process.	95	5	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	93	7	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	97	3	0	0	100

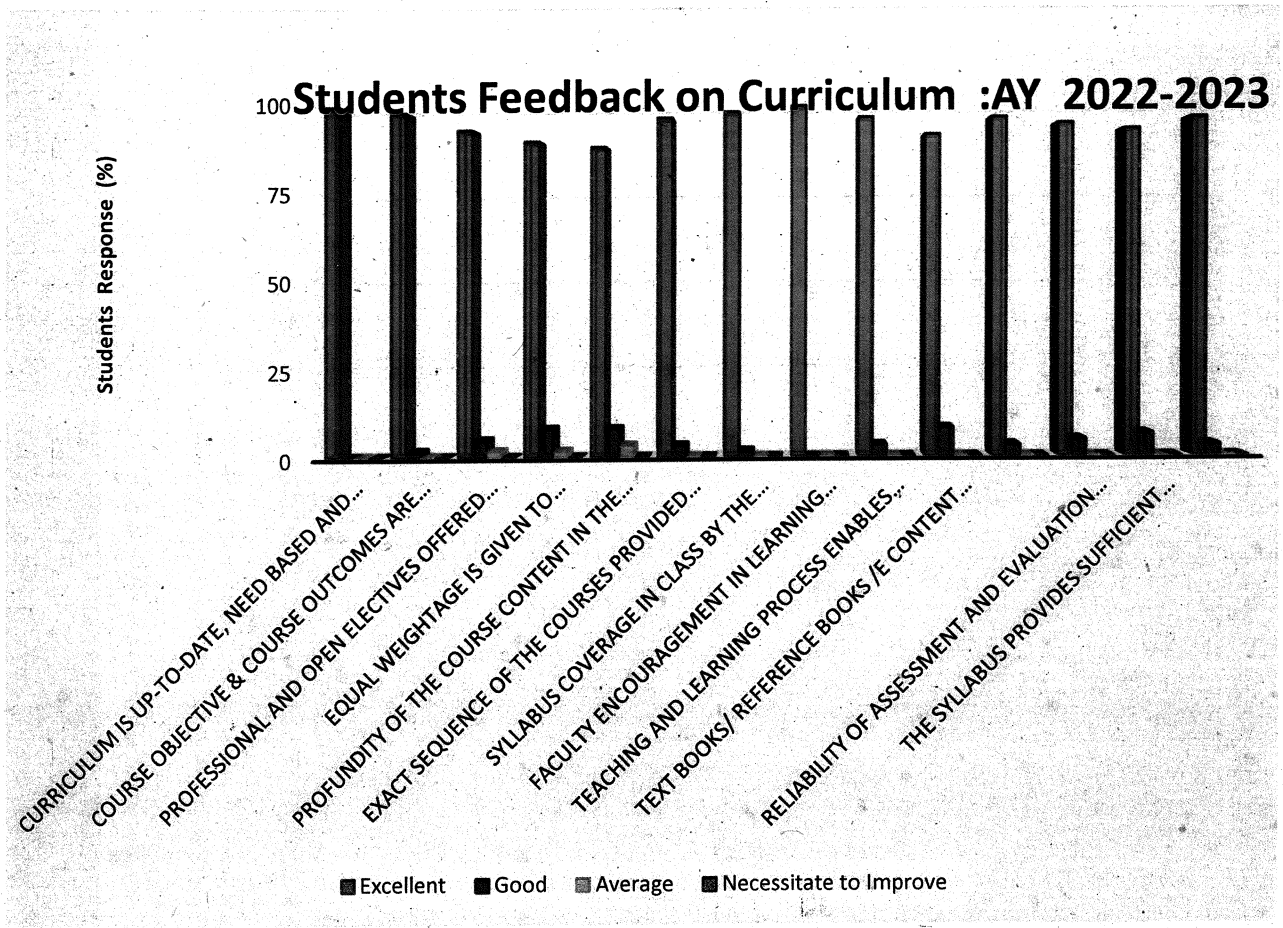

Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application-oriented design 100% of students are highly satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome-based education system98% of students are highly satisfied, 2% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 93 % of students are highly satisfied, 5 % of students are satisfied and 2% of students are averagely satisfied
- In the Equal Weightage is given to theory and practical course content90 % of students are highly satisfied,8 % of students are satisfied and 2% are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 89% of students are highly satisfied, 8% of students are satisfiedand 3% are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 97% of students are highly satisfied, 3% of students are satisfied.
- Syllabus coverage in class by the teaching faculty 98% of students are highly

satisfied, 2% of students are satisfied.

- Faculty Encouragement in learning process 100 % of students are highly satisfied.
- Teaching and learning process enables clear understanding of the course content 97% of students are highly satisfied, 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated,92% of students are highly satisfied, 8% of students are satisfied and 9% of students are moderately satisfied.
- Availability of library resources in central and departmental library, 97% of students are highly satisfied, 3% of students are satisfied
- Reliability of assessment & evaluation process 95% of students are highly satisfied, 5% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch. 93% of students are highly satisfied, 7% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 97% of students are highly satisfied, 3%of students are satisfied.

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MCA – COMPUTER APPLICATIONS

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessi tate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	5				5
2.	Regulations and Scheme of Examination	5				5
3.	Semester-wise course content	5				5
4.	Content Delivery, Methodology & Learning Resources	3	2			5
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	4	1			5
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	3	2			5
7.	Availability of library resources supports Text and Reference Books suggested to study	5				5

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	100	0	0	0	100
2.	Regulations and Scheme of Examination	100	0	0	0	100
3.	Semester-wise course content	100	0	0	0	100
4.	Content Delivery, Methodology & Learning Resources	60	40	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	80	20	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	60	40	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	100	0	0	0	100

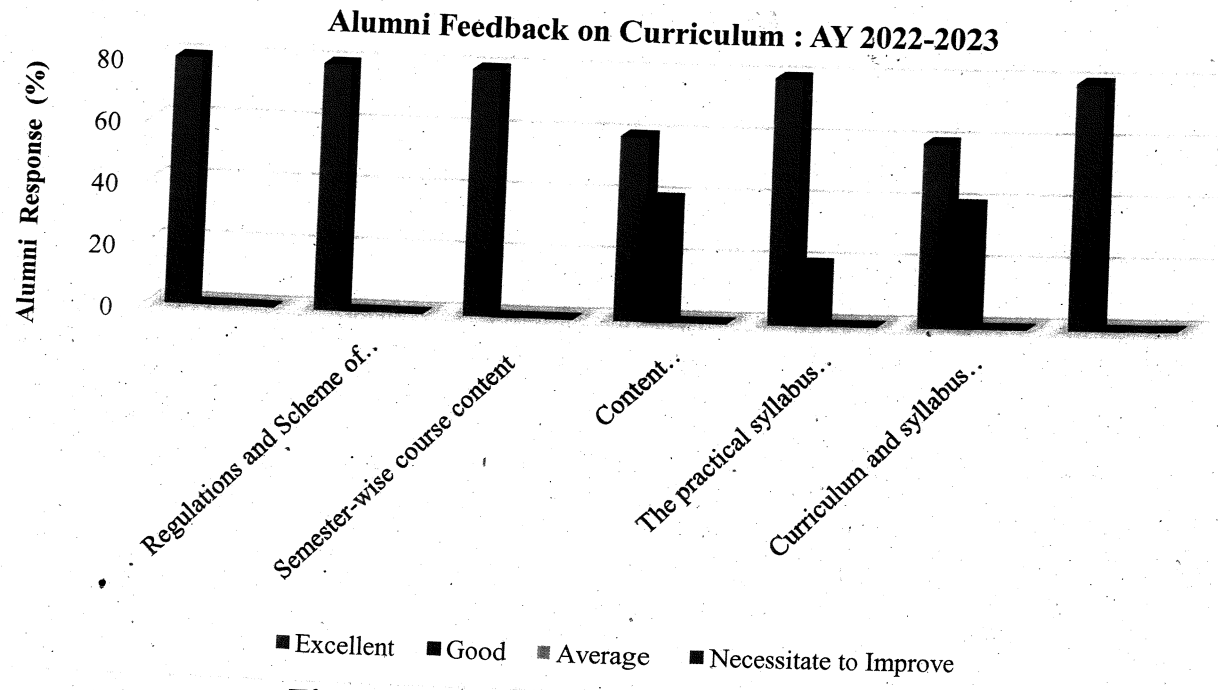

Fig.1.Alumni Feedback on Curriculum

- Regarding "Aim, objectives and outcome of the syllabi are well defined and clear", Alumniis100% highly satisfied.
- In the case of the Regulations and Scheme of Examination, the Alumni is 100% highly satisfied.
- With respect to the Semester-wise course content,Alumni is100% satisfied with Excellent remark.
- In the case of Content Delivery, Methodology & Learning Resources, 60% Alumniis highlysatisfiedand 40% are satisfied.
- Considering the use of "The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students",Alumni is 80% highly satisfied and 20% is satisfied.
- In case of "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship",Alumni is 60% highly satisfied and 40% satisfied with Good remark.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study,Alumni is 100% satisfied.

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MCA – COMPUTER APPLICATIONS

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5				5
2.	Implementation of Outcome Based Education	3	2			5
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5				5
4.	Offered Courses related to Industry/employability	5				5
5.	Competencies/outcomes in relation to the course content	3	2			5
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1			5
7.	Curriculum offers a range of professional and open electives/value-added courses	5				5
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5				5

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100
2.	Implementation of Outcome Based Education	60	40	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	60	40	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	80	20	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	100	0	0	0	100

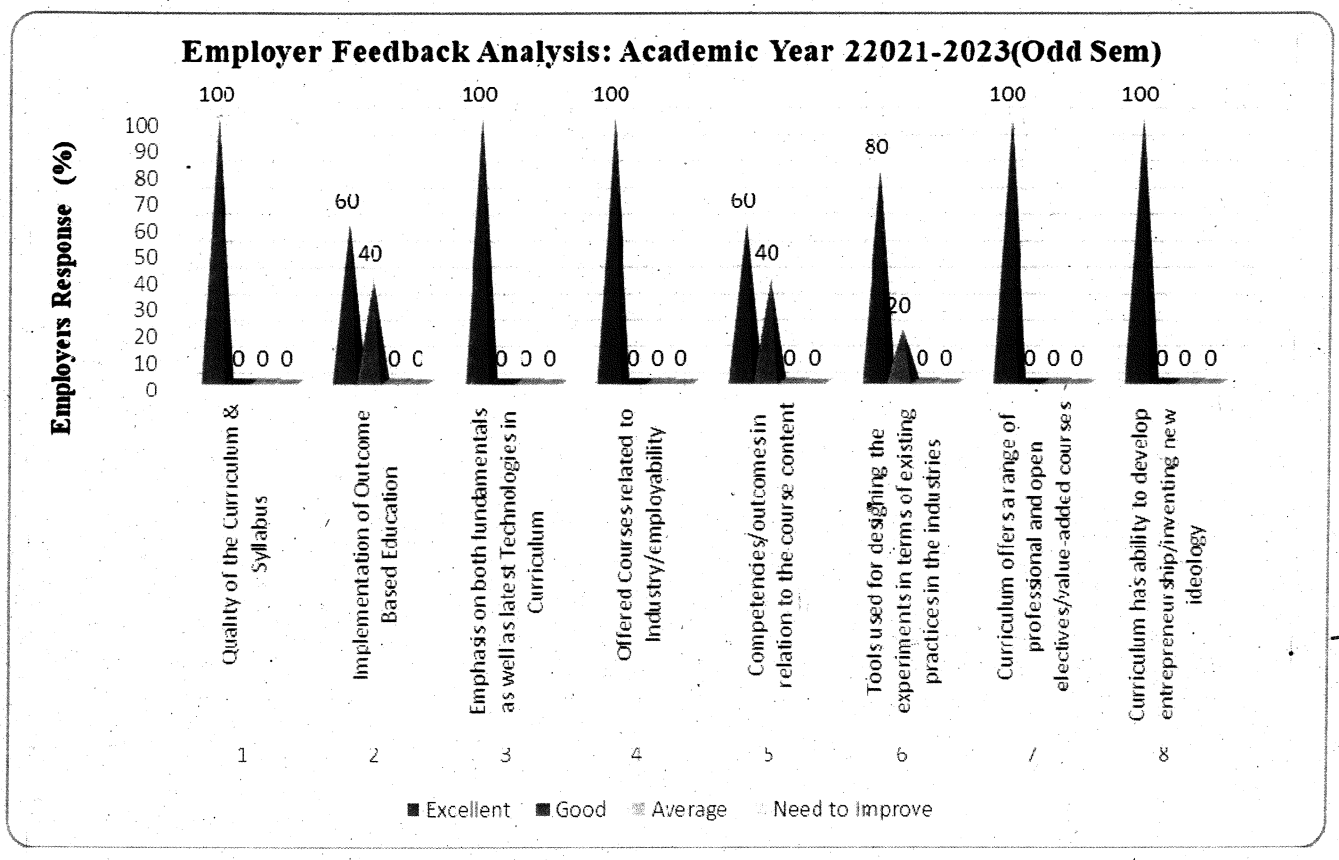

Fig.1.Employer Feedback on Curriculum

- With respect to Quality of the Curriculum & Syllabus, the employer is 100% highly satisfied.
- Implementation of Outcome Based Education, the employer is 60% highly satisfied and 40% is satisfied.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, the employer is 100% highly satisfied.
- Offered Courses related to Industry/employability, the employer is 100% highly satisfied.
- Competencies/outcomes in relation to the course content, the employer is 60% highly satisfied and 40% satisfied.
- Tools used for designing the experiments in terms of existing practices in the industries, the employer is 80% highly satisfied and 20% satisfied.
- Curriculum offers a range of professional and open electives/value-added courses, the employer is 100% highly satisfied.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 72 percentage of companies are given excellent, the employer is 100% highly satisfied.

Suggestions:

- ✓ Reduce the content of Core Java from Java Programming Paper and including

Networking topic in it.

- ✓ Include advanced Java programming topics in Java programming.
- ✓ Deletion of Text processing, Image Processing and Deep Learning topics from Data Analytics paper and include data modeling and data analytics framework.
- ✓ Inclusion of security topic in cloud computing paper.
- ✓ Revise the syllabus for UI design and Development paper.

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MCA – COMPUTER APPLICATIONS

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8				8
2.	Electives offered are supportive to the core papers	7	1			8
3.	Implementation of Outcome Based Education	8				8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8				8
5.	Regulations and Scheme of Examination	8				8
6.	Semester-wise course content	8				8
7.	Content Delivery, Methodology and Learning Resources	6	2	1		9
8.	Availability of library resources supports Text and Reference Books suggested to study	7	1			8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8				8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8				8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	87.5	12.5	0	0	100
3.	Implementation of Outcome Based Education	100.0	0.0	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100.0	0.0	0	0	100
5.	Regulations and Scheme of Examination	100.0	0.0	0	0	100
6.	Semester-wise course content	100.0	0.0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	66.7	22.2	11.111111	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	87.5	12.5	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.0	0.0	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

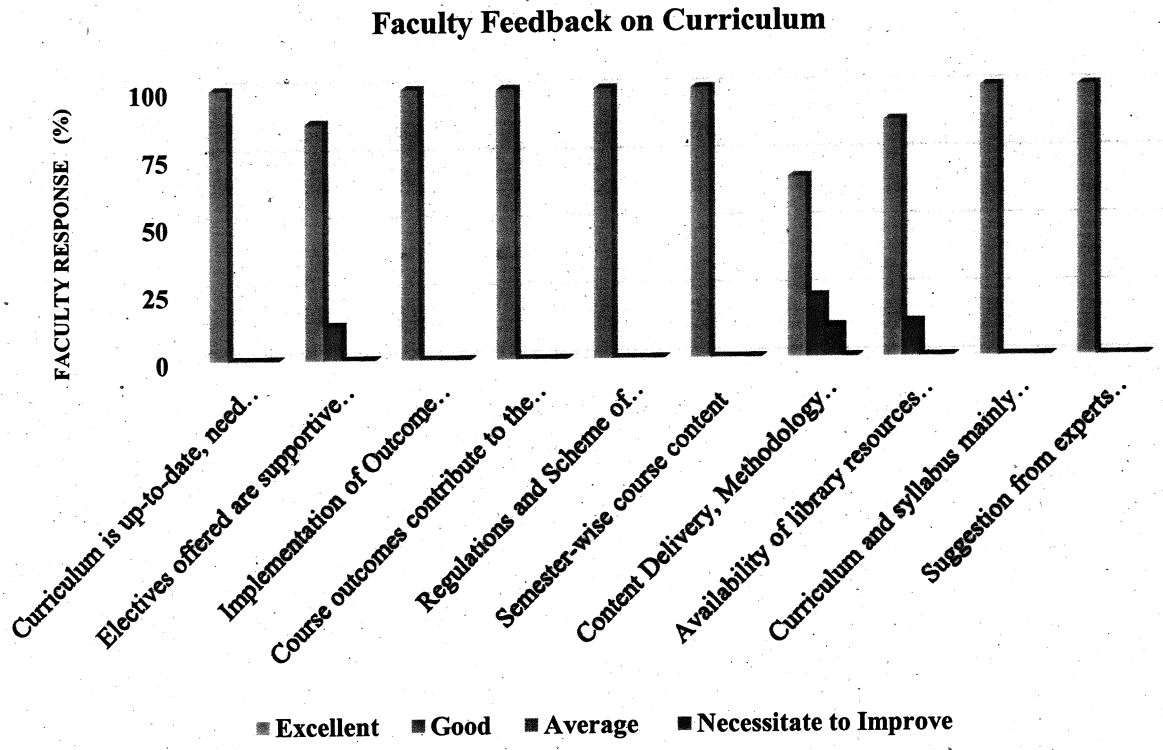

Fig.1.Faculty Feedback on Curriculum

- Regarding the Curriculum is up-to-date, need based and application oriented,100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers87.5 % of faculties are highly satisfied and 12.5 % of faculties are satisfied.
- Implementation of Outcome Based Education, 100% of faculties are highly satisfied.
- "Course outcome contribute to the fulfillment of program outcome (PO)", 100% of faculties are highly satisfied.
- With respect to the Regulations and Scheme of Examination100% of faculties are highly satisfied.
- In the case of Semester-wise course content,100% of faculties are highly satisfied
- Considering the use of Content Delivery, Methodology and Learning Resources66.7 % of faculties are highly satisfied, 22.2% are satisfied and 11% of faculties are moderately satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study87.5 % of faculties are highly satisfied and 12.5 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship100% of faculties are highly satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus100 % of faculties are highly satisfied.

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MCA – COMPUTER APPLICATIONS

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	2	1			3
2.	Teaching Faculty treat the students equally irrespective of the background	3				3
3.	Transparency of the evaluation system followed by the Institution	3				3
4.	Infrastructure and Lab Facility available to support the curriculum.	3				3
5.	Availability of the text and reference books in Central and Department library.	2	1			3

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	67	33	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	100	0	0	0	100
5.	Availability of the text and reference books in Central and Department library.	67	33	0	0	100

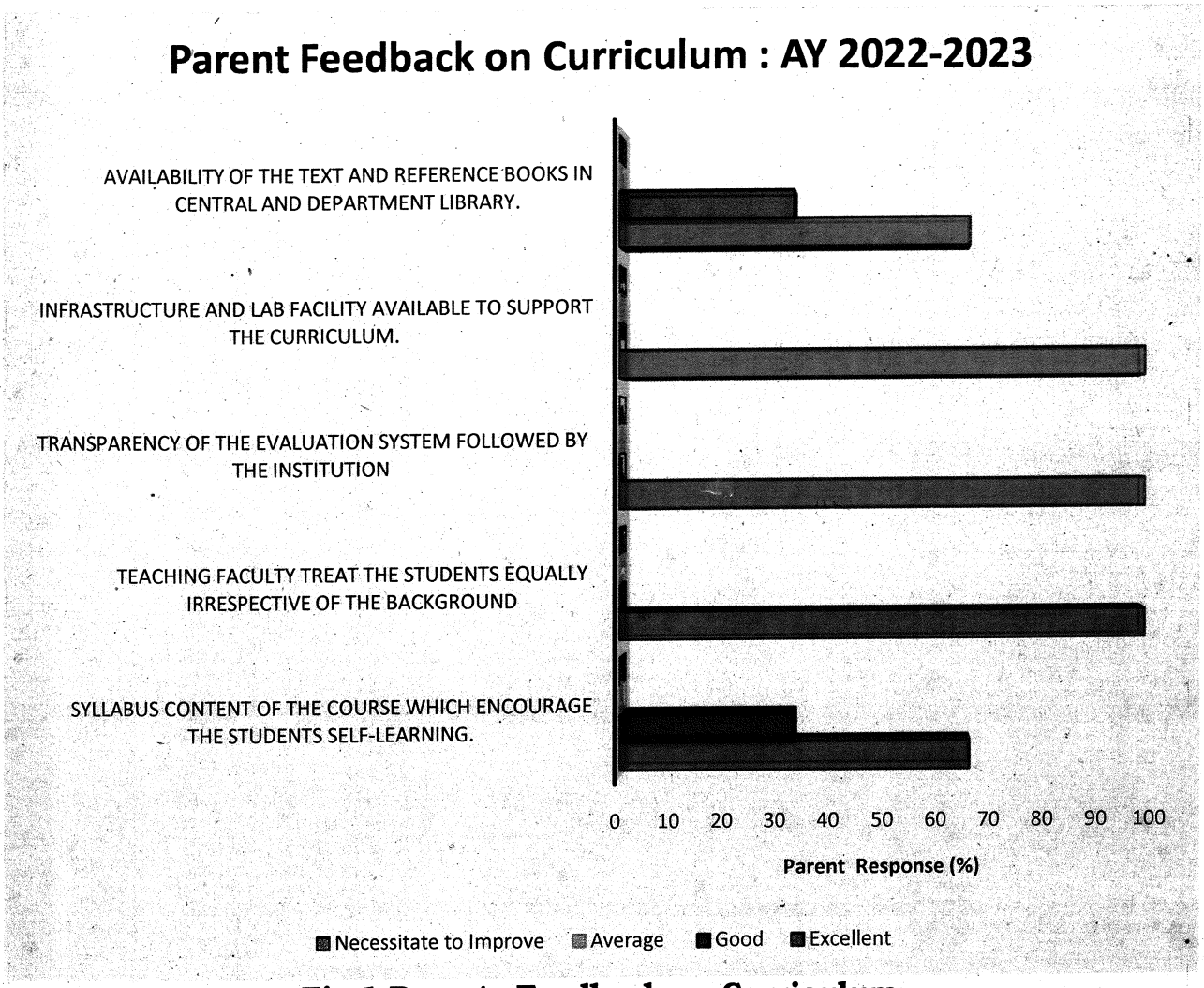

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 67 % of parents are highly satisfied, 33% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 100 % of parents are highly satisfied.
- In the case of Availability of the text and reference books in Central and Department library 67 % of parents are highly satisfied, 33 % of parents are satisfied.

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MCA – COMPUTER APPLICATIONS

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	2	1			3
2.	Teaching Faculty treat the students equally irrespective of the background	3				3
3.	Transparency of the evaluation system followed by the Institution	3				3
4.	Infrastructure and Lab Facility available to support the curriculum.	3				3
5.	Availability of the text and reference books in Central and Department library.	2	1			3

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	67	33	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	100	0	0	0	100
5.	Availability of the text and reference books in Central and Department library.	67	33	0	0	100

Parent Feedback on Curriculum : AY 2022-2023

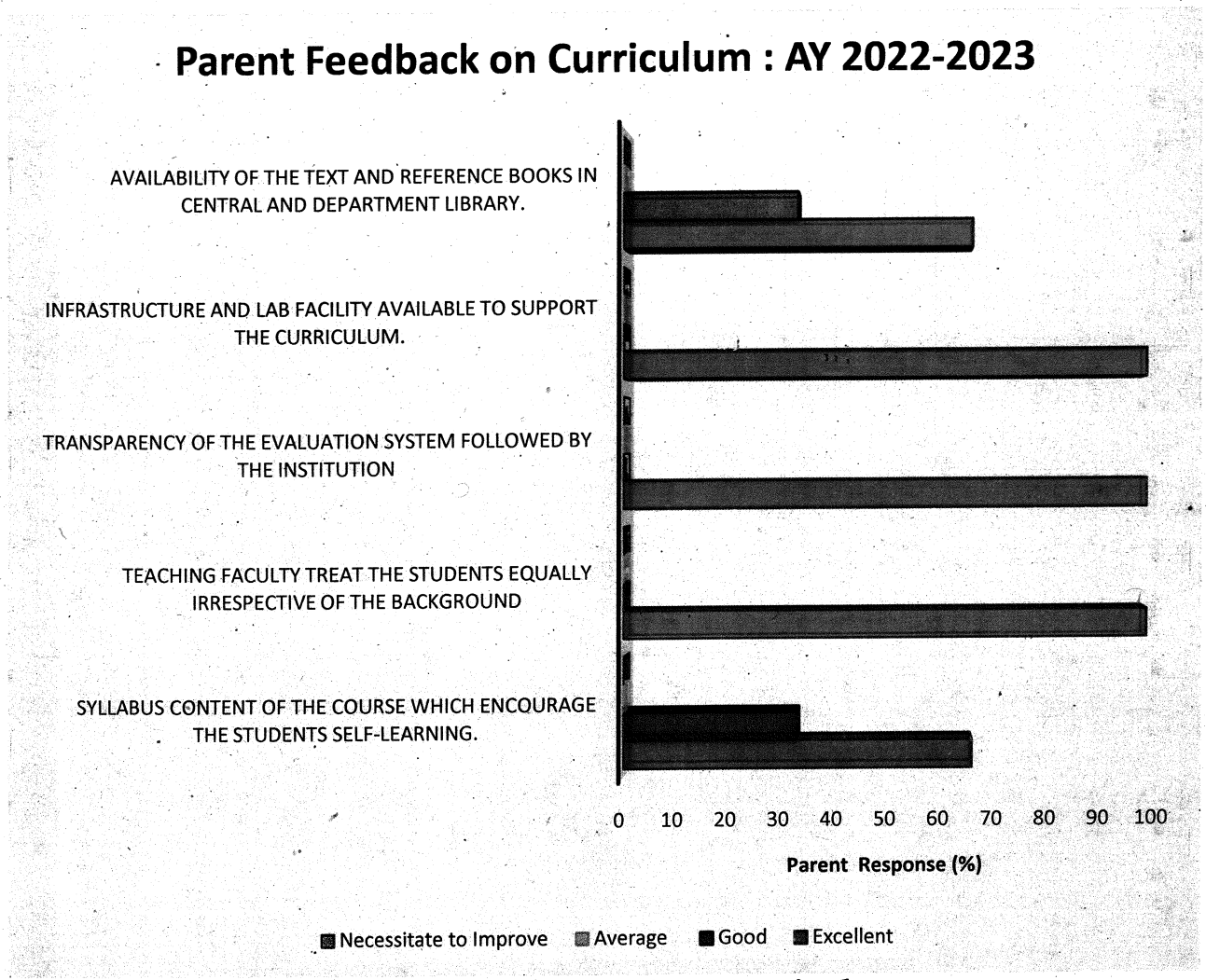

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 67 % of parents are highly satisfied, 33% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 100 % of parents are highly satisfied.
- In the case of Availability of the text and reference books in Central and Department library 67 % of parents are highly satisfied, 33 % of parents are satisfied.

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MCA – COMPUTER APPLICATIONS

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	61				61
2.	Course objective & course outcomes are achieved in the syllabus.	55	5	1		61
3.	Professional and open Electives offered are supportive to the core papers.	50	9	2		61
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	48	10	3		61
5.	Profundity of the course content in the syllabus.	45	15	1		61
6.	Exact Sequence of the courses provided in the curriculum	52	7	2		61
7.	Syllabus coverage in class by the teaching faculty	58	2	1		61
8.	Faculty Encouragement in learning process	60	1			61
9.	Teaching and learning process enables clear understanding of the course content.	58	2	1		61
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	53	7	1		61
11.	Availability of library resources in central and departmental library.	50	10	1		61
12.	Reliability of Assessment and Evaluation Process.	58	3			61
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	56	5			61
14.	Curriculum has ability to develop Entrepreneurship and Employability.	55	5	1		61

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	8	2	0	100
3.	Professional and open Electives offered are supportive to the core papers.	82	15	3	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	79	16	5	0	100
5.	Profundity of the course content in the syllabus.	74	25	2	0	100
6.	Exact Sequence of the courses provided in the curriculum.	85	11	3	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	95	3	2	0	100
8.	Faculty Encouragement in learning process.	98	2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	95	3	2	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	87	11	2	0.0	100
11.	Availability of library resources in central and departmental library.	82	16	2	0.0	100
12.	Reliability of Assessment and Evaluation Process.	95	5	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	8	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	90	8	2	0	100

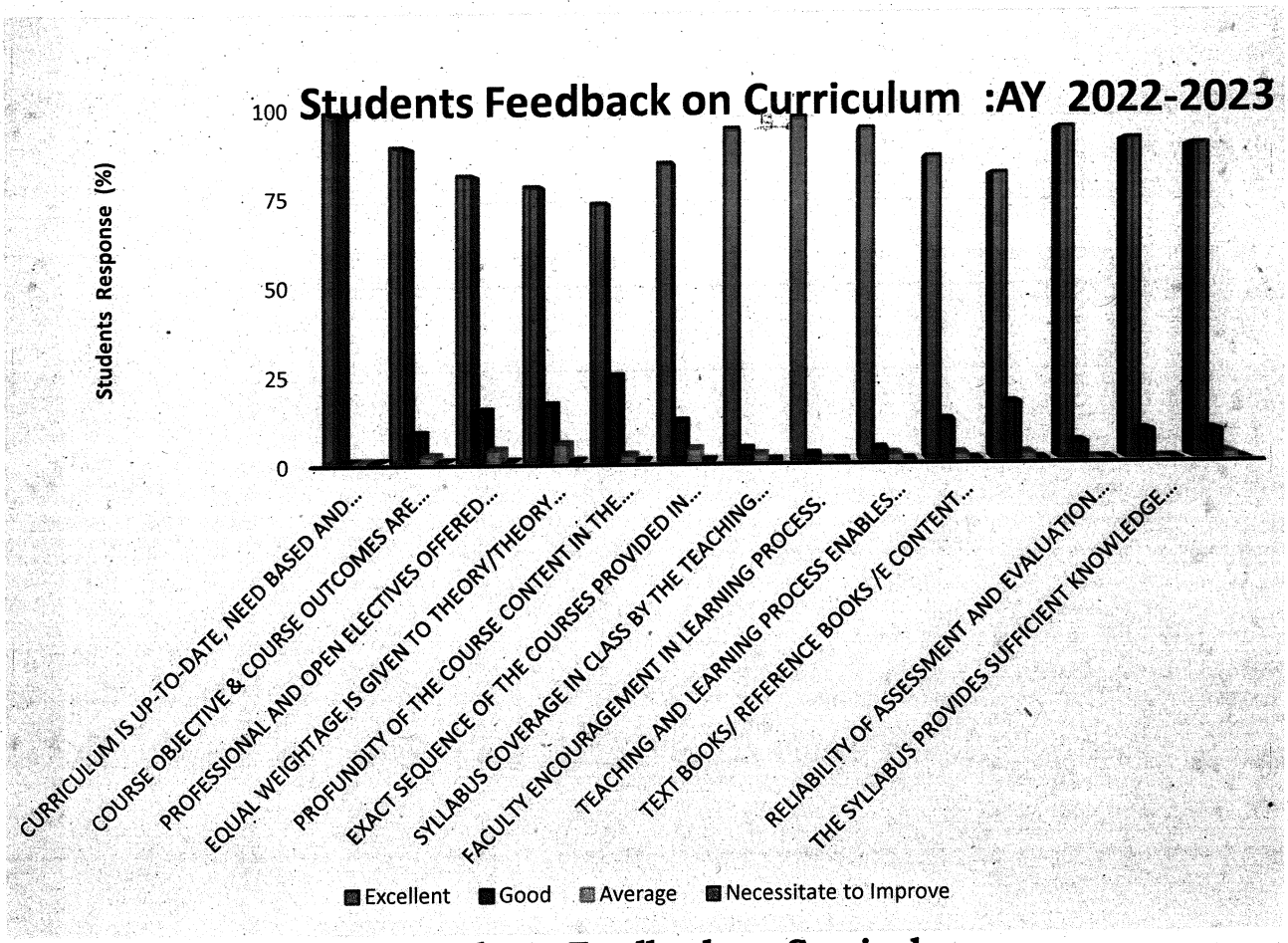

Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application-oriented design 100% of students are highly satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome-based education system,90% of students are highly satisfied, 8% of students are satisfied and 2 % of students are averagely satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers,82 % of students are highly satisfied, 15 % of students are satisfied.
- In the "Equal Weightage is given to theory and practical course content",79% of students are highly satisfied 16 % of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus, 74% of students are highly satisfied, 25% of students are satisfied and 2% of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum,85% of students are highly satisfied, 11% of students are satisfied and 3% of students are moderately satisfied.
- "Syllabus coverage in class by the teaching faculty",95% of students are highly satisfied, 3% of students are satisfied and 2 % of students are moderately satisfied.

- "Faculty Encouragement in learning process",98% of students are highly satisfied, 2 % of students are satisfied.
- "Teaching and learning process enables clear understanding of the course content",95 % of students are highly satisfied, 3% of students are satisfied and 2 % of students are moderately satisfied
- "Text books/ reference books /e content recommended in the syllabus are relevant and updated",87% of students are highly satisfied, 11% of students are satisfied and 2% of students are moderately satisfied.
- "Availability of library resources in central and departmental library", 82% of students are highly satisfied, 16% of students are satisfied and 2% are moderately satisfied.
- "Reliability of assessment & evaluation process",82% of students are highly satisfied, 16% of students are satisfied and 2% of students are moderately satisfied.
- "The syllabus provides sufficient knowledge & perspective in the respective branch",. 92% of students are highly satisfied, 8% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability,90% of students are highly satisfied, 8%of students are satisfied and 2% of students are moderately satisfied.

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MCA – COMPUTER APPLICATIONS

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	61				61
2.	Course objective & course outcomes are achieved in the syllabus.	55	5	1		61
3.	Professional and open Electives offered are supportive to the core papers.	50	9	2		61
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	48	10	3		61
5.	Profundity of the course content in the syllabus.	45	15	1		61
6.	Exact Sequence of the courses provided in the curriculum	52	7	2		61
7.	Syllabus coverage in class by the teaching faculty	58	2	1		61
8.	Faculty Encouragement in learning process	60	1			61
9.	Teaching and learning process enables clear understanding of the course content.	58	2	1		61
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	53	7	1		61
11.	Availability of library resources in central and departmental library.	50	10	1		61
12.	Reliability of Assessment and Evaluation Process.	58	3			61
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	56	5			61
14.	Curriculum has ability to develop Entrepreneurship and Employability.	55	5	1		61

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	8	2	0	100
3.	Professional and open Electives offered are supportive to the core papers.	82	15	3	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	79	16	5	0	100
5.	Profundity of the course content in the syllabus.	74	25	2	0	100
6.	Exact Sequence of the courses provided in the curriculum.	85	11	3	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	95	3	2	0	100
8.	Faculty Encouragement in learning process.	98	2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	95	3	2	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	87	11	2	0.0	100
11.	Availability of library resources in central and departmental library.	82	16	2	0.0	100
12.	Reliability of Assessment and Evaluation Process.	95	5	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	8	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	90	8	2	0	100

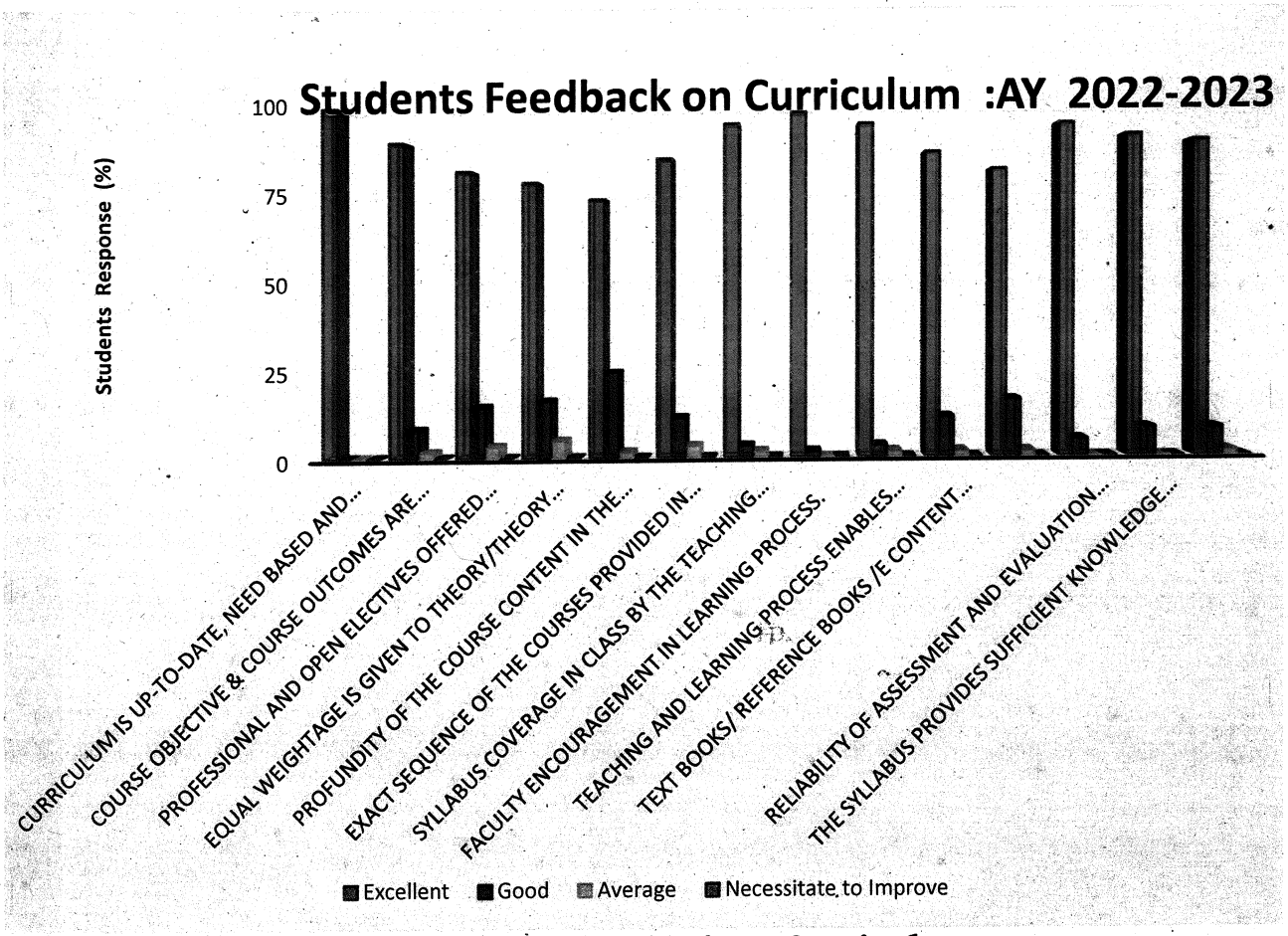


Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application-oriented design 100% of students are highly satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome-based education system,90% of students are highly satisfied, 8% of students are satisfied and 2 % of students are averagely satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers,82 % of students are highly satisfied, 15 % of students are satisfied.
- In the "Equal Weightage is given to theory and practical course content",79% of students are highly satisfied 16 % of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus, 74% of students are highly satisfied, 25% of students are satisfied and 2% of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum,85% of students are highly satisfied, 11% of students are satisfied and 3% of students are moderately satisfied.
- "Syllabus coverage in class by the teaching faculty",95% of students are highly satisfied, 3% of students are satisfied and 2 % of students are moderately satisfied.

- "Faculty Encouragement in learning process",98% of students are highly satisfied, 2 % of students are satisfied.
- "Teaching and learning process enables clear understanding of the course content",95 % of students are highly satisfied, 3% of students are satisfied and 2 % of students are moderately satisfied
- "Text books/ reference books /e content recommended in the syllabus are relevant and updated",87% of students are highly satisfied, 11% of students are satisfied and 2% of students are moderately satisfied.
- "Availability of library resources in central and departmental library", 82% of students are highly satisfied, 16% of students are satisfied and 2% are moderately satisfied.
- "Reliability of assessment & evaluation process",82% of students are highly satisfied, 16% of students are satisfied and 2% of students are moderately satisfied.
- "The syllabus provides sufficient knowledge & perspective in the respective branch",. 92% of students are highly satisfied, 8% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability,90% of students are highly satisfied, 8%of students are satisfied and 2% of students are moderately satisfied.

Chairman - BoS
MCA - HiCET

ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG. & TECH.

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA (Master of Business Administration)

ALUMNI FEED BACK ANALYSIS

2022-2023 (Odd Semester)

MBA (Master of Business Administration)

Alumni Feedback on Curriculum: Academic Year 2022-2023

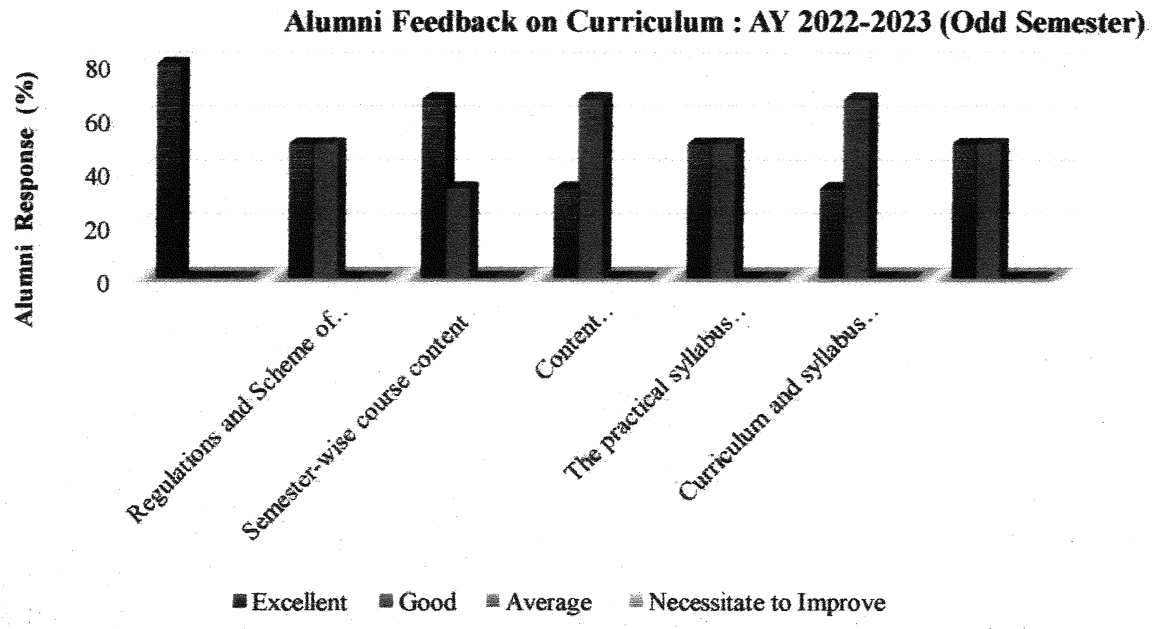
Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	6	0	0	0	6
2.	Regulations and Scheme of Examination	3	3	0	0	6
3.	Semester-wise course content	4	2	0	0	6
4.	Content Delivery, Methodology & Learning Resources	2	4	0	0	6
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	3	3	0	0	6
6.	Curriculum and syllabus mainlyfocusstudents on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	2	4	0	0	6
7.	Availability of library resources supports Text and Reference Books suggested to study	3	3	0	0	6

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Course objectives and outcome of the syllabus are clearly defined.	100	0	0	0	100
2.	Regulations and Scheme of Examination	50	50	0	0	100
3.	Semester-wise course content	67	33	0	0	100
4.	Content Delivery, Methodology & Learning Resources	33	67	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	50	50	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	33	67	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	50	50	0	0	100

Fig.1.Alumni Feedback on Curriculum (Odd Semester 2022-2023)



REPORT

The Alumni response to feedback on the curriculum was given below

- Course objectives and outcome of the syllabus has secured score of 100% excellent
- Regulations and Scheme of Examination has secured score of 50% excellent and 50% good
- Semester-wise course content has secured score of 67% excellent and 33% good
- Content Delivery, Methodology & Learning Resources has secured score of 33% excellent and 67% good
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute in events has secured 33% excellent and 67% good
- Availability of library resources supports Text and Reference Books suggested to study has secured 50% excellent and 50% good

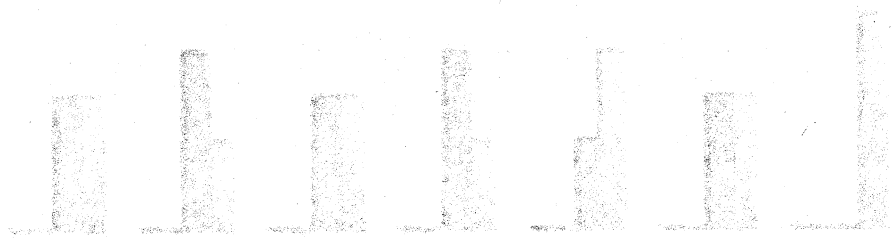
Suggestion

- ✓ Mr.Praveen kumar has suggested to incorporate more practical exposure to the students.

Chairman - BoS
MBA - HiCET

HINDUSTHAN COLLEGE OF ENGG. & TECH. ACADEMIC COUNCIL Chairman

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

EMPLOYER FEED BACK ANALYSIS

2022-2023 (Odd Semester)

MBA (Master of Business Administration)

Employer Feedback on Curriculum: Academic Year 2022-2023

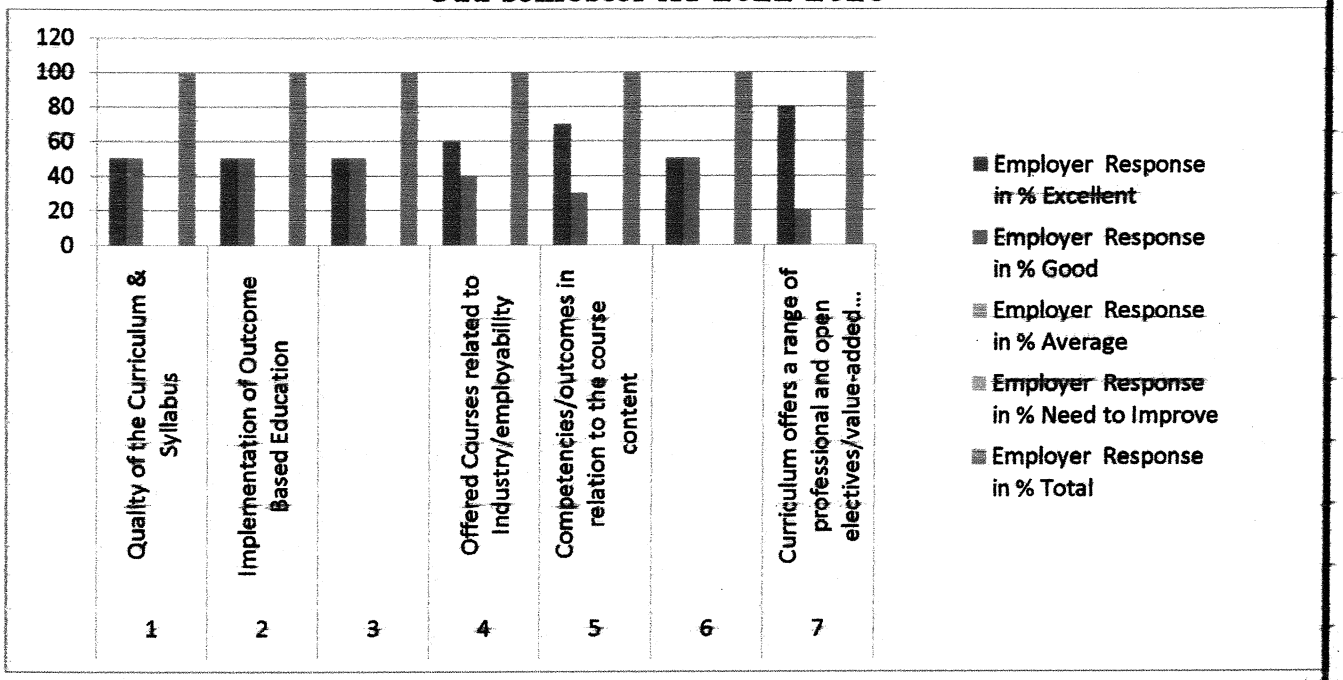
Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	5	5	0	0	10
2.	Implementation of Outcome Based Education	5	5	0	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	5	0	0	10
4.	Offered Courses related to Industry/employability	6	4	0	0	10
5.	Competencies/outcomes in relation to the course content	7	3	0	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	5	0	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	8	2	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	6	0	0	10

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	50	50	0	0	100
2.	Implementation of Outcome Based Education	50	50	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	50	50	0	0	100
4.	Offered Courses related to Industry/employability	60	40	0	0	100
5.	Competencies/outcomes in relation to the course content	70	30	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	50	50	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	80	20	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	40	60	0	0	100

Fig.1. Employer Feedback on Curriculum
Odd semester AY 2022-2023



REPORT

The Employer response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus has secured score of 50% excellent and 50% good
- Implementation of Outcome Based Education has secured score of 50% excellent and 50% good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum has secured 50% excellent and 50% good
- Offered Courses related to Industry/employability has secured score of 60% excellent and 40% good
- Competencies/outcomes in relation to the course content has secured score of 70% excellent and 30% good
- Tools used for designing the experiments in terms of existing practices in the industries has secured score of 50% excellent and 50% good
- Curriculum offers a range of professional and open electives/value-added courses has secured score of 80% excellent and 20% good
- Curriculum has ability to develop entrepreneurship/inventing new ideology has secured 40% excellent and 60% good.

Suggestions

- ✓ Tie up with Logistic Council of India to conduct Online Courses.

Chairman - BoS
MBA HiCET

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

FACULTY FEED BACK ANALYSIS

2022-2023 (Odd Semester)

MBA (Master of Business Administration)

Faculty Feedback on Curriculum: Academic Year 2022-2023 (Odd Semester)

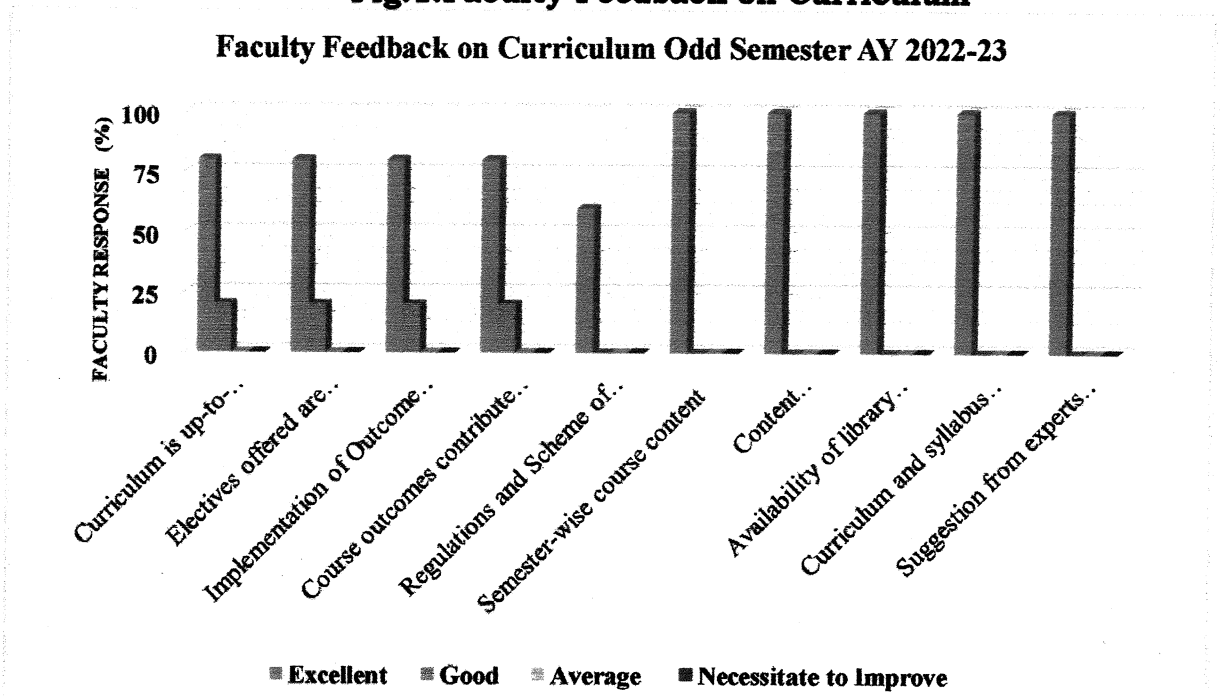
Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	4	1	0	0	5
2.	Electives offered are supportive to the core papers	4	1	0	0	5
3.	Implementation of Outcome Based Education	4	1	0	0	5
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	4	1	0	0	5
5.	Regulations and Scheme of Examination	3	2	0	0	5
6.	Semester-wise course content	5	0	0	0	5
7.	Content Delivery, Methodology and Learning Resources	5	0	0	0	5
8.	Availability of library resources supports Text and Reference Books suggested to study	5	0	0	0	5
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	5	0	0	0	5
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	5	0	0	0	5

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	80	20	0	0	100
2.	Electives offered are supportive to the core papers	80	20	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	80	20	0	0	100
5.	Regulations and Scheme of Examination	60	0	0	0	60
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	100	0	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100	0	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

Fig.1.Faculty Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

1. "Curriculum is up-to-date, need based and application oriented" scored 80 % as excellent and 20% as good.
2. "Electives offered are supportive to the core papers" scored 80 % as excellent and 20% as good.
3. Implementation of Outcome Based Education has secured score of 80 % as excellent and 20% as good
4. Course outcomes contribute to the fulfilment of program outcomes has secured has secured score of 80 % as excellent and 20% as good
5. Regulation and scheme of examination has secured score of scored 60%, excellent, and 40% good respectively.
6. Semester wise course contents have secured 100% excellent.
7. Content Delivery, Methodology and Learning Resources "scored 100 % as excellent.
8. Availability of library resources" has scored 100 % as excellent.
9. Curriculum and syllabus mainly focus students on industry readiness has scored 100 % as excellent.
10. Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus has scored 100%as excellent

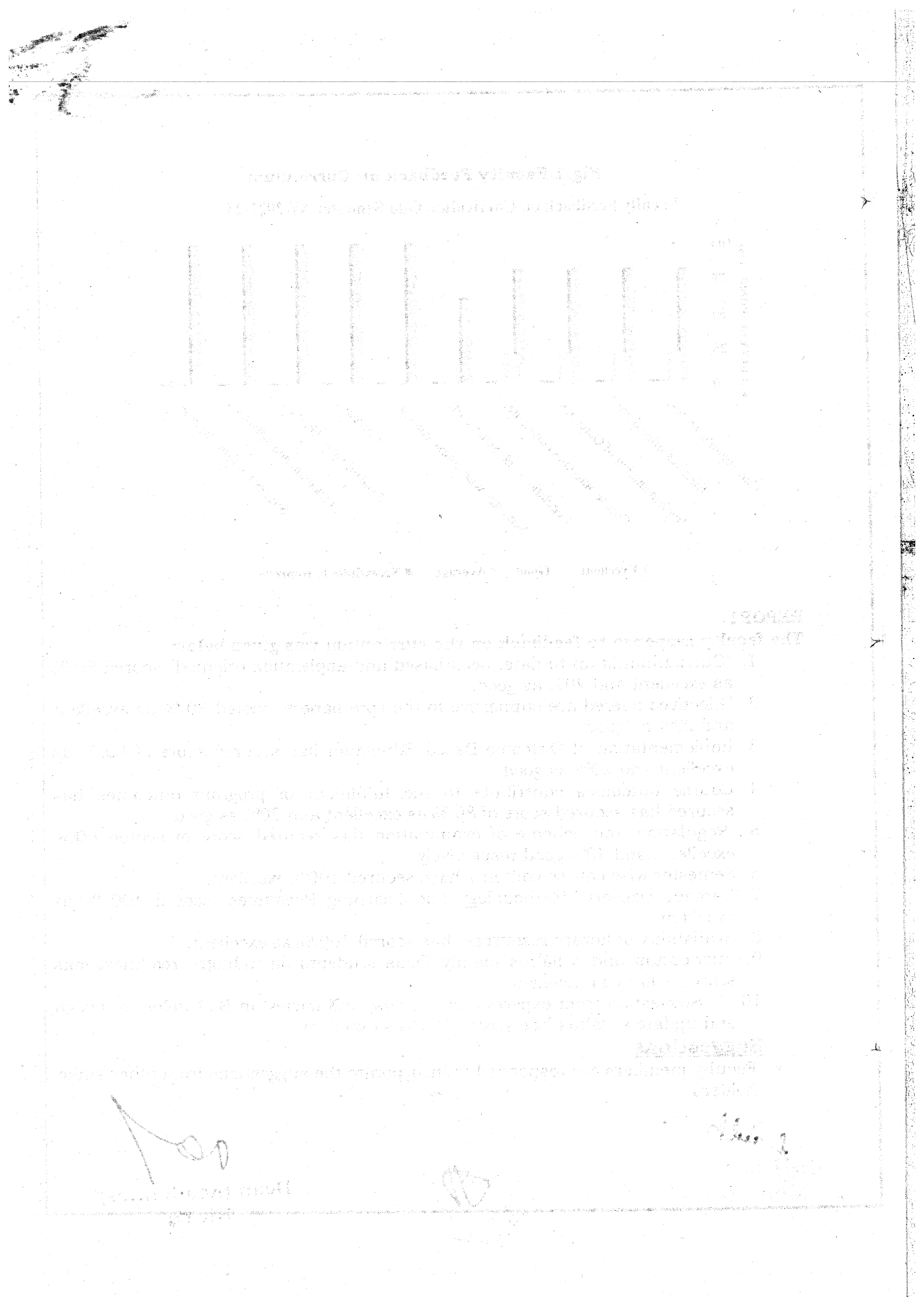
Suggestions

✓ Faculty members are responded to incorporate the suggestions from other stake holders.

Chairman - F
MBA - HiCET

ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

ACADEMIC EXPERT FEED BACK ANALYSIS

2022-2023 (ODD Semester)

MBA (Master of Business Administration)

Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (Odd Semester)

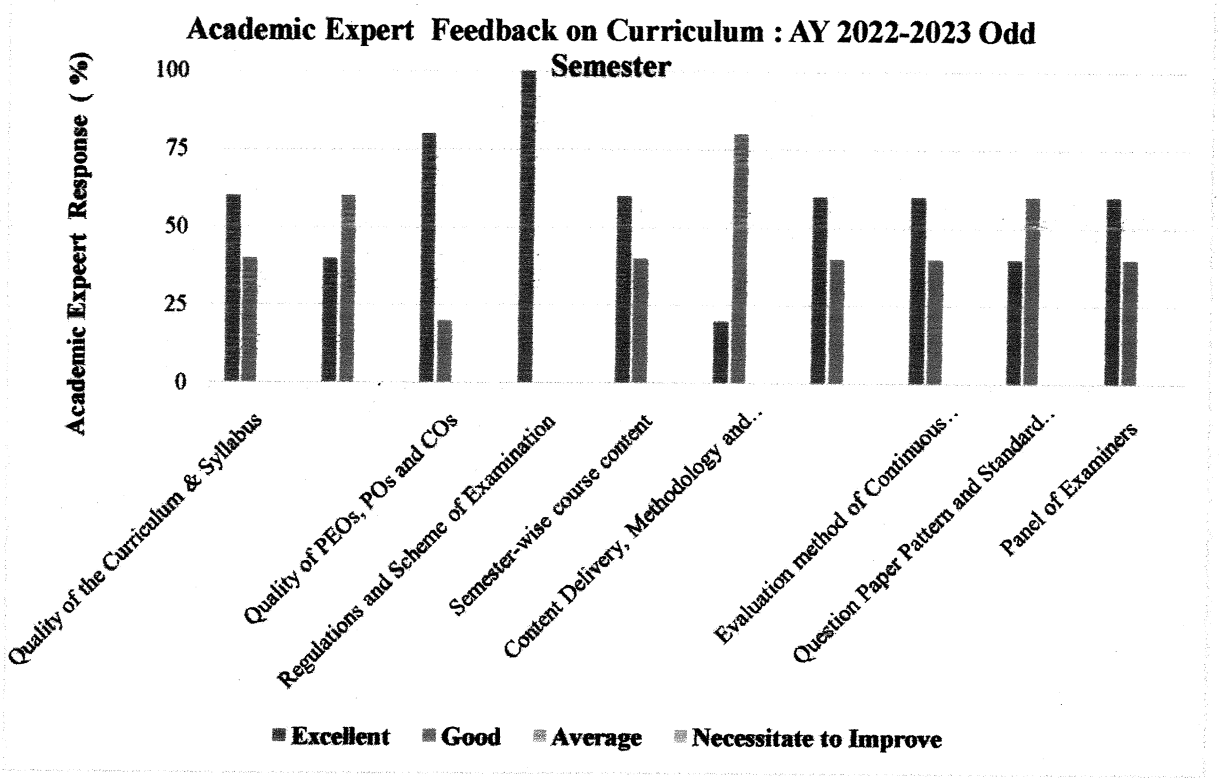
Table.1. Consolidated Academic Expert Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	0	0	5
2.	Implementation of Outcome Based Education	2	3	0	0	5
3.	Quality of PEOs, POs and COs	4	1	0	0	5
4.	Regulations and Scheme of Examination	5	0	0	0	5
5.	Semester-wise course content	3	2	0	0	5
6.	Content Delivery, Methodology and Learning Resources	1	4	0	0	5
7.	Text and reference books proposed for study	3	2	0	0	5
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	0	0	5
9.	Question Paper Pattern and Standard (Blooms Level)	2	3	0	0	5
10.	Panel of Examiners	3	2	0	0	5

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	60	40	0	0	100
2.	Implementation of Outcome Based Education	40	60	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	60	40	0	0	100
6.	Content Delivery, Methodology and Learning Resources	20	80	0	0	100
7.	Text and reference books proposed for study	60	40	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	60	40	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	40	60	0	0	100
10.	Panel of Examiners	60	40	0	0	100

Fig.1. Academic Expert Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- The Quality of Curriculum and Syllabus has scored 60% excellent ad 40 % good
- Implementation of Outcome based education has secured the score of 40% excellent and 60% good.
- The Quality of PEOs, POs and Cos secured 80% excellent and 20% good.
- Regulation and Scheme of Examination has scored 100% excellent
- The semester and course wise content secured 60% excellent and 40 % good
- The Content Delivery, Methodology and Learning Resources has secured the score of 20% excellent and 80% good
- The text and reference books proposed for the programme has secured score of 60% excellent and 40% good
- Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks secured score of 40% excellent and 60% good.
- The question paper standard has secured 40% excellent and 60% good
- The method of selecting panel of examiners has secured 60% excellent and 40% good

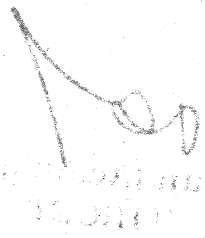
Suggestions

- ✓ The following courses can be introduced through NPTEL platform:
  1. 20BAX379-Advertising and Brand Management,
  2. 20BAX380-Consumer Buyer Behaviour,
  3. 20BAX381-Product and Brand Management,
  4. 20BAX382-Digital Marketing,
  5. 20BAX383-Human Resource Development,
  6. 20BAX384-Managerial Skills for Interpersonal Dynamics and
  7. 20BAX385-Performance And Reward Management

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA (Master of Business Administration)

PARENT FEED BACK ANALYSIS

2022-2023 (Odd Semester)

MBA (Master of Business Administration)

Parent Feedback on Curriculum: Academic Year 2022-2023(Odd Semester)

Table.1. Consolidated Parent Feedback report on curriculum

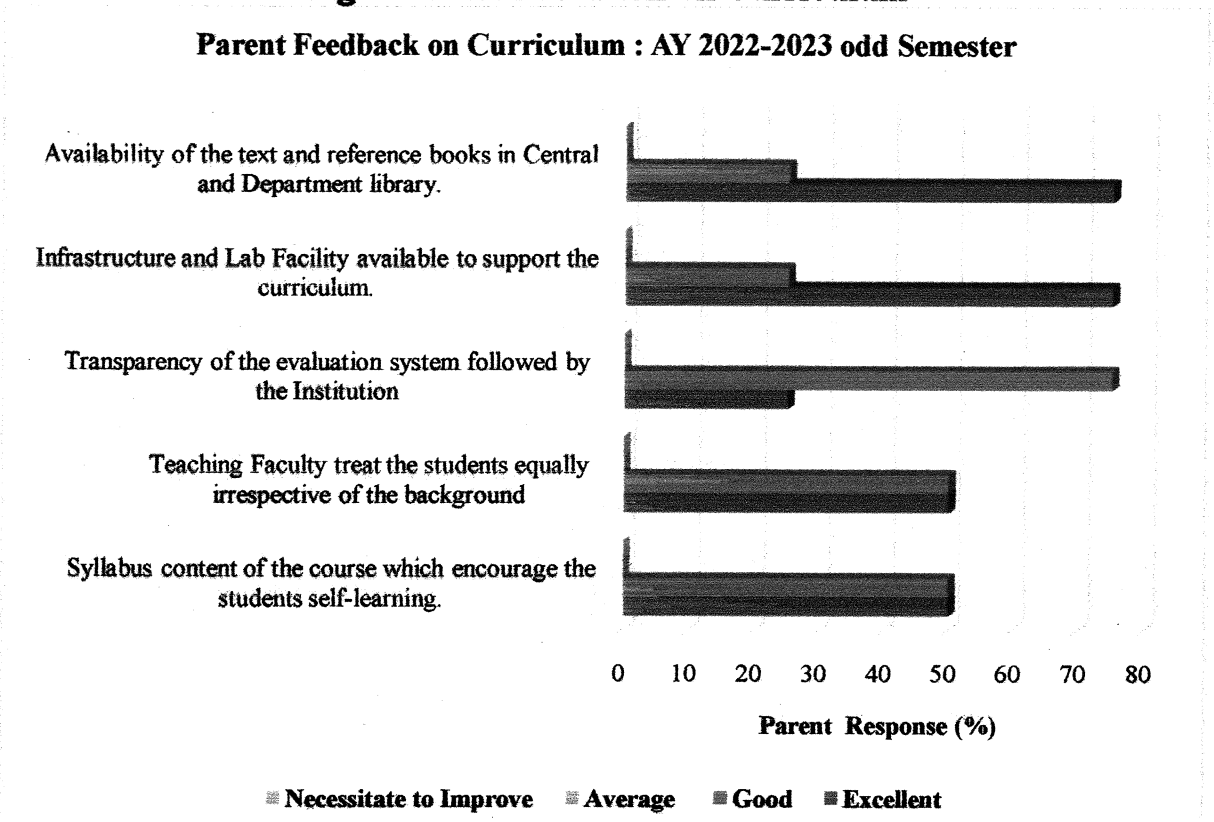
Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	2	2	0	0	4
2.	Teaching Faculty treat the students equally irrespective of the background	2	2	0	0	4
3.	Transparency of the evaluation system followed by the Institution	1	3	0	0	4
4.	Infrastructure and Lab Facility available to support the curriculum.	3	1	0	0	4
5.	Availability of the text and reference books in Central and Department library.	3	1	0	0	4

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Syllabus content of the course which encourage the students self-learning.	50	50	0	0	50
2.	Teaching Faculty treat the students equally irrespective of the background	50	50	0	0	50
3.	Transparency of the evaluation system followed by the Institution	25	75	0	0	25
4.	Infrastructure and Lab Facility available to support the curriculum.	75	25	0	0	75

5.	Availability of the text and reference books in Central and Department library.	75	25	0	0	75

Fig.1.Parent Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- Syllabus content of the course which encourage the students self-learning has secured score of 50% excellent and 50% good
- Teaching Faculty treat the students equally irrespective of the background has secured score of 50% excellent and 50% good
- Transparency of the evaluation system followed by the Institution has secured score of 25% excellent and 75% good.
- Infrastructure and Lab Facility available to support the curriculum has secured score of 75% excellent and 25% good
- Availability of the text and reference books in Central and Department library has secured the score of 75% excellent and 25% good

Suggestions

Most of the parent has appreciated the curriculum and syllabi.

Chairman - BoS
MBA - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

STUDENTFEED BACK ANALYSIS

2022-2023 (Odd Semester)

MBA (Master of Business Administration)

Student Feedback on Curriculum: Academic Year 2022-2023 (Odd Semester)

Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	9	0	0	0	9
2.	Course objective & course outcomes are achieved in the syllabus	9	0	0	0	9
3.	Professional and open Electives offered are supportive to the core papers	8	1	0	0	9
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	7	2	0	0	9
5.	Profundity of the course content in the syllabus	8	1	0	0	9
6.	Exact Sequence of the courses provided in the curriculum	9	-	0	0	9
7.	Syllabus coverage in class by the teaching faculty	7	2	0	0	9
8.	Faculty Encouragement in learning process	7	2	0	0	9
9.	Teaching and learning process enables clear understanding of the course content.	9	0	0	0	9
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	8	1	0	0	9
11.	Availability of library	9	0	0	0	9

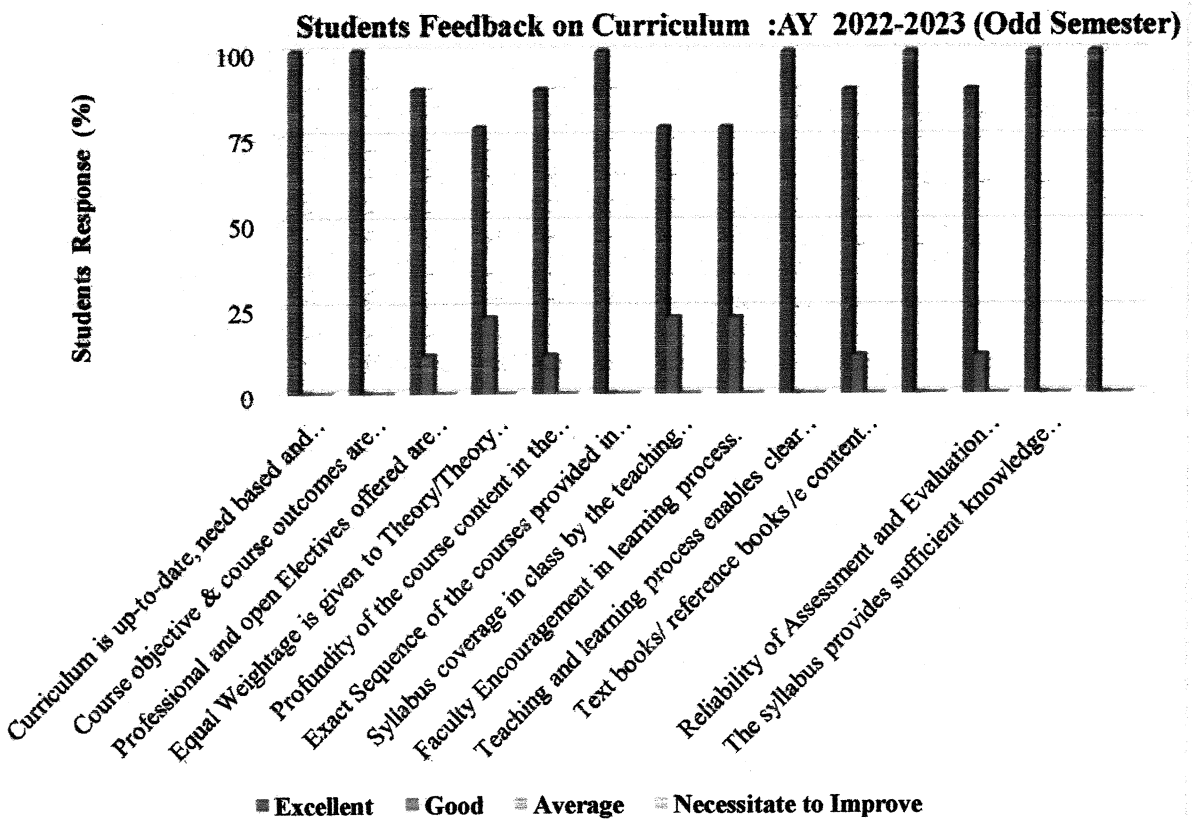
	resources in central and departmental library.					
12.	Reliability of Assessment and Evaluation Process.	8	1	0	0	9
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	9	-	0	0	9
14.	Curriculum has ability to develop Entrepreneurship and Employability.	9	-	0	0	9

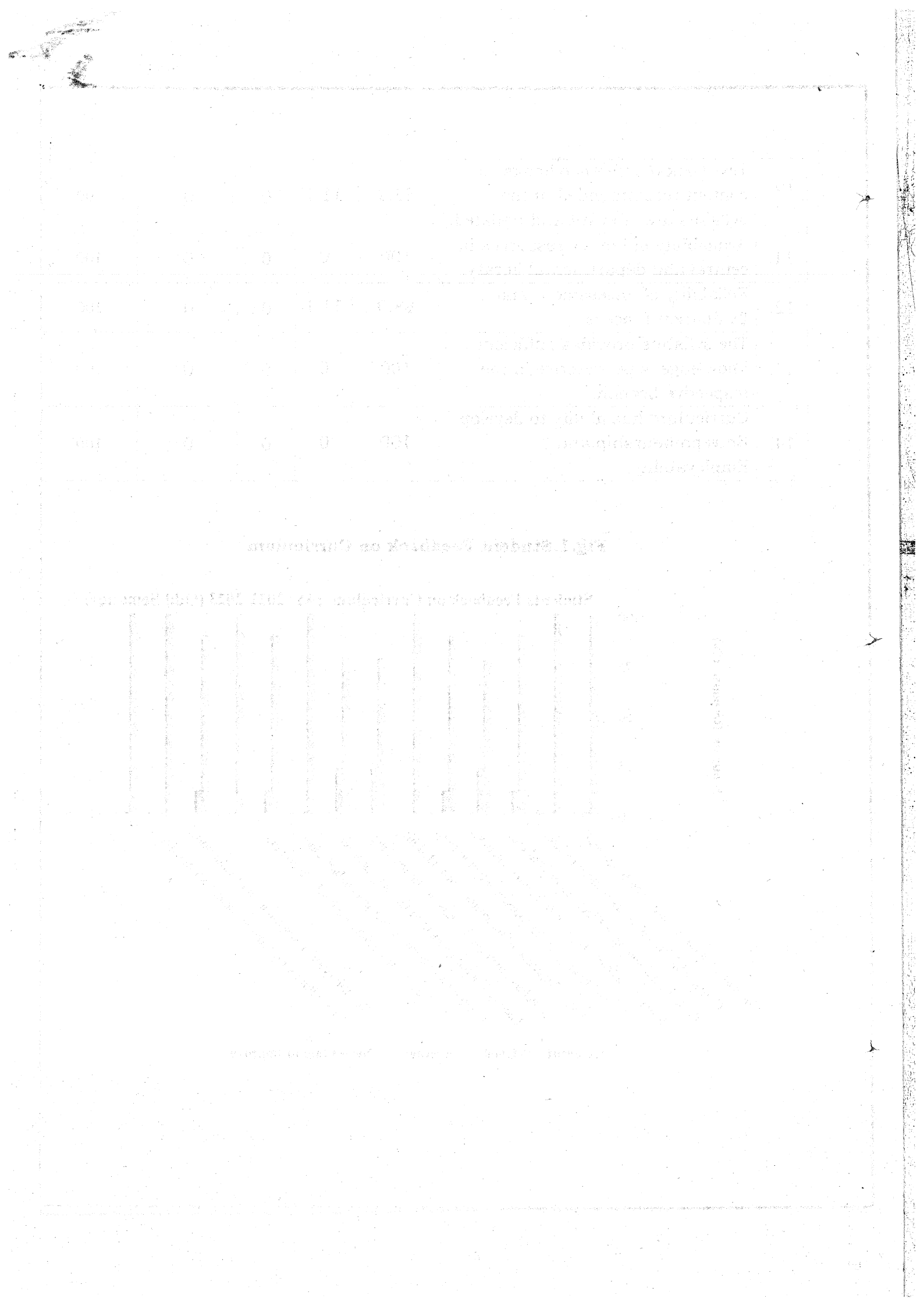
Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus	100	0	0	0	100
3.	Professional and open Electives offered are supportive to the core papers	88.9	11.1	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	77.8	22.2	0	0	100
5.	Profundity of the course content in the syllabus	88.9	11.1	0	0	100
6.	Exact Sequence of the courses provided in the curriculum	100	0	0	0	100
7.	Syllabus coverage in class by the teaching faculty	77.8	22.2	0	0	100
8.	Faculty Encouragement in learning process	77.8	22.2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	100	0	0	0	100

10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	88.9	11.1	0	0	100
11.	Availability of library resources in central and departmental library.	100	0	0	0	100
12.	Reliability of Assessment and Evaluation Process.	88.9	11.1	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	100	0	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	100	0	0	0	100

Fig.1.Student Feedback on Curriculum





REPORT

The student response to feedback on the curriculum was given below

- Curriculum is up-to-date, need based and application oriented has scored 100 % excellent
- Course objective & course outcomes are achieved in the syllabus has scored 100% excellent
- Professional and open Electives offered are supportive to the core papers has scored 89% excellent and 11% good
- Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content has scored 78% excellent and 22 % good
- Profundity of the course content in the syllabus has scored 89% excellent and 11% good
- Exact Sequence of the courses provided in the curriculum has scored 100 % excellent
- Syllabus coverage in class by the teaching faculty has secured 78% excellent and 22 % good
- Faculty Encouragement in learning process has secured 78% excellent and 22 % good
- Teaching and learning process enables clear understanding of the course content has secured 100% excellent
- Text books/ reference books /e content recommended in the syllabus are relevant and updated has secured 89% excellent and 11% good
- Availability of library resources in central and departmental library has secured 100% excellent
- Reliability of Assessment and Evaluation Process has secured 89% excellent and 11% good
- The syllabus provides sufficient knowledge & perspective in the respective branch has secured 100% excellent
- Curriculum has ability to develop Entrepreneurship and Employability has secured 100% excellent

Suggestions

- ✓ Students has suggested to add more practical oriented courses.

Hindusthan College of Engineering and Technology

Coimbatore- 641 032

Syllabus Revision based Stakeholders suggestion -AY 2022-2023 (Odd Semester)

Department of Management Sciences

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Academic Expert	The expert suggested to introduce Online courses	1. 20BAX379- Advertising and Brand Management 2. 20BAX380- Consumer Buyer Behaviour 3. 20BAX381- Product and Brand Management 4. 20BAX382- Digital Marketing 5. 20BAX383- Human Resource Development 6. 20BAX384- Managerial Skills for Interpersonal Dynamics 7. 20BAX385- Performance and Reward Management	-	Suggestions Incorporated (Refer Curriculum and Syllabus 2022-2023)
Employer	Suggested to Tie up Logistic council of India for Online Courses	-	-	Considered
Alumni	Suggestion to incorporate more practical exposure to the students	-	-	Considered
Student	Suggestion to incorporate more practical exposure to the students	-	-	Considered

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF SCIENCE AND HUMANITIES

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	80	16	4	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	10	0	0	100
3.	Professional and open Electives offered are supportive to the core papers.	88	12	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	95	5	0	0	100
5.	Profundity of the course content in the syllabus.	79	16	5	0	100
6.	Exact Sequence of the courses provided in the curriculum	90	10	0	0	100
7.	Syllabus coverage in class by the teaching faculty	98	2	0	0	100
8.	Faculty Encouragement in learning process	96	4	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	92	8	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	80	10	10	0	100
11.	Availability of library resources in central and departmental library.	72	19	9	0	100
12.	Reliability of Assessment and Evaluation Process.	90	10	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	8	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	81	12	7	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80.00	16.00	4.00	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	90.00	10.00	0	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	88.00	12.00	0	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	95.00	5.00	0	0.00	100
5.	Profundity of the course content in the syllabus.	79.00	16.00	5.00	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	90.00	10.00	0	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	98.00	2.00	0	0.00	100
8.	Faculty Encouragement in learning process.	96.00	4.00	0	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	92.00	8.00	0	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	80.00	10.00	10.00	0.00	100
11.	Availability of library resources in central and departmental library.	72.00	19.00	9.00	0.00	100
12.	Reliability of Assessment and Evaluation Process.	90.00	10.00	0	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92.00	8.00	0	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	81.00	12.00	7.00	0.00	100

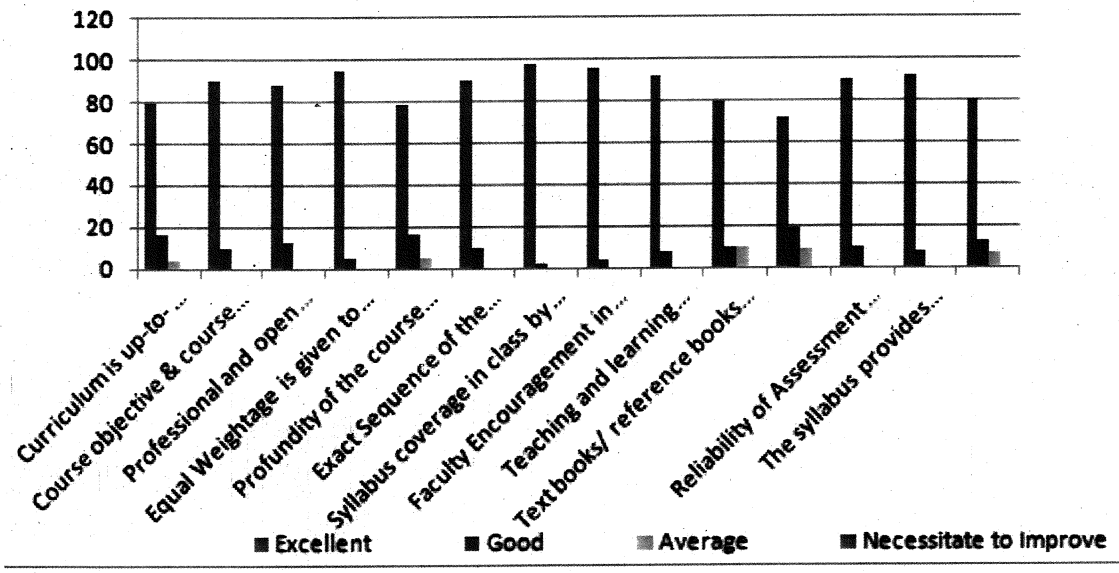


Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application oriented design 80% of students are highly satisfied, 16% of students are satisfied and 4% of students are moderately satisfied .
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 90% of students are highly satisfied, 10% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 88 % of students are highly satisfied, 12 % of students are satisfied.
- In the Equal Weightage is given to theory and practical course content 95 % of students are highly satisfied 5 % of students are satisfied.
- Considering the use of Profundity of the course content in the syllabus 79% of students are highly satisfied, 16% of students are satisfied and 5% of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 90 % of students are highly satisfied, 10 % of students are satisfied.
- Syllabus coverage in class by the teaching faculty 98% of students are highly satisfied, 2% of students are satisfied.
- Faculty Encouragement in learning process 96 % of students are highly satisfied, 4 % of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 92 % of students are highly satisfied,8% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 80% of students are highly satisfied, 10% of students are satisfied and 10% of students are moderately satisfied

- Reliability of assessment & evaluation process 90% of students are highly satisfied, 10% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch. 92% of students are highly satisfied, 8% of students are satisfied and 4% of students are moderately satisfied
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 81% of students are highly satisfied, 12% of students are satisfied and 7 % of students are moderately satisfied.

Chairman BoS
S&H HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENTOF SCIENCE AND HUMANITIES

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENTOF SCIENCE AND HUMANITIES

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	9	1	0	0	10
2.	Regulations and Scheme of Examination	10	0	0	0	10
3.	Semester-wise course content	10	0	0	0	10
4.	Content Delivery, Methodology & Learning Resources	8	2	0	0	10
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	7	2	1	0	10
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	10	0	0	0	10
7.	Availability of library resources supports Text and Reference Books suggested to study	7	2	1	0	10

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	90.00	10.00	0.00	0.00	100
2.	Regulations and Scheme of Examination	100.00	0.00	0.00	0.00	100
3.	Semester-wise course content	100.00	0.00	0.00	0.00	100
4.	Content Delivery, Methodology & Learning Resources	80.00	20.00	0.00	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	70.00	20.00	10.00	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	100.00	0.00	0.00	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	70.00	20.00	10.00	0.00	100

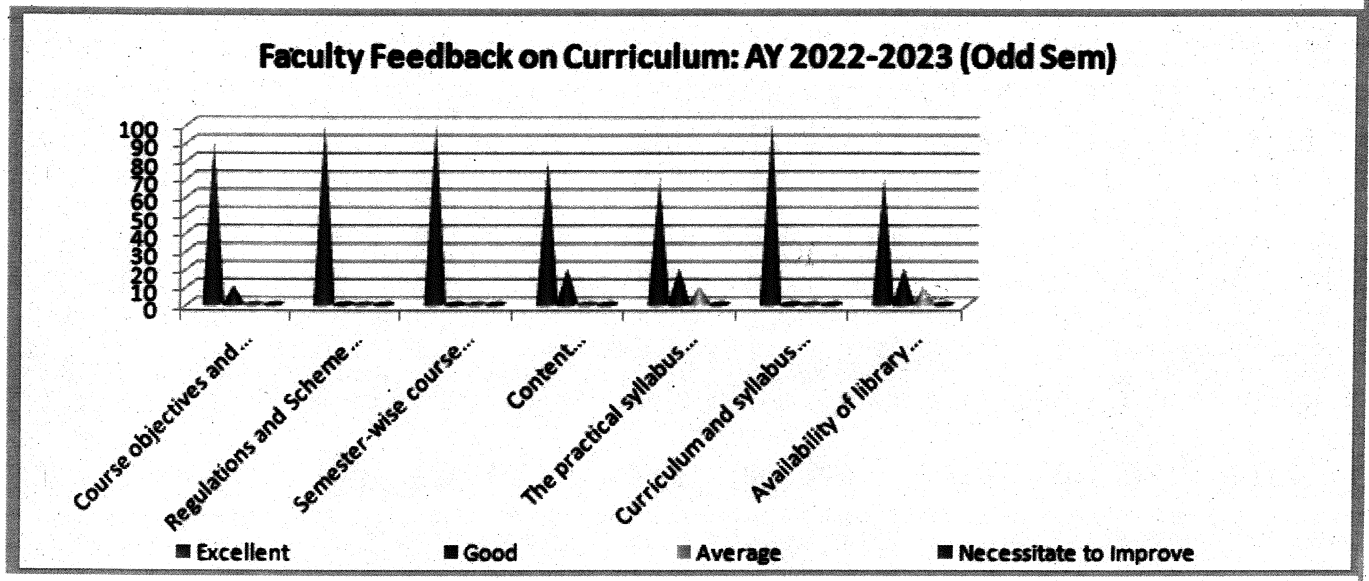


Fig.1.Alumni Feedback on Curriculum

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 84% of Alumni are highly satisfied 90% of Alumni are satisfied and 10% of Alumni are moderately satisfied.
- In the case of the Regulations and Scheme of Examination 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content 100 % of Alumni are highly satisfied.
- In the case of Content Delivery, Methodology & Learning Resources80% of Alumni are highly satisfied, 20% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 70% of Alumni are highly satisfied, 20 % of Alumni are satisfied and 10% of Alumni are averagely satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 100% of Alumni are highly satisfied.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study 70% of Alumni are highly satisfied and 20% of Alumni are satisfied and 10% of Alumni are averagely satisfied.

Chairman BoS
S&H HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	13	0	0	0	13
2.	Electives offered are supportive to the core papers	0	0	0	0	0
3.	Implementation of Outcome Based Education	10	3	0	0	13
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	9	2	1	0	13
5.	Regulations and Scheme of Examination	10	3	0	0	13
6.	Semester-wise course content	13	0	0	0	13
7.	Content Delivery, Methodology and Learning Resources	13	0	0	0	13
8.	Availability of library resources supports Text and Reference Books suggested to study	8	2	3	0	13
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	13	0	0	0	13
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	13	0	0	0	13

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100.00	0.00	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	0.00	0.00	0.00	0.00	0.00
3.	Implementation of Outcome Based Education	76.92	23.08	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	69.23	15.38	7.69	0.00	100.00
5.	Regulations and Scheme of Examination	76.92	23.08	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	100.00	0.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	61.53	15.38	23.08	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

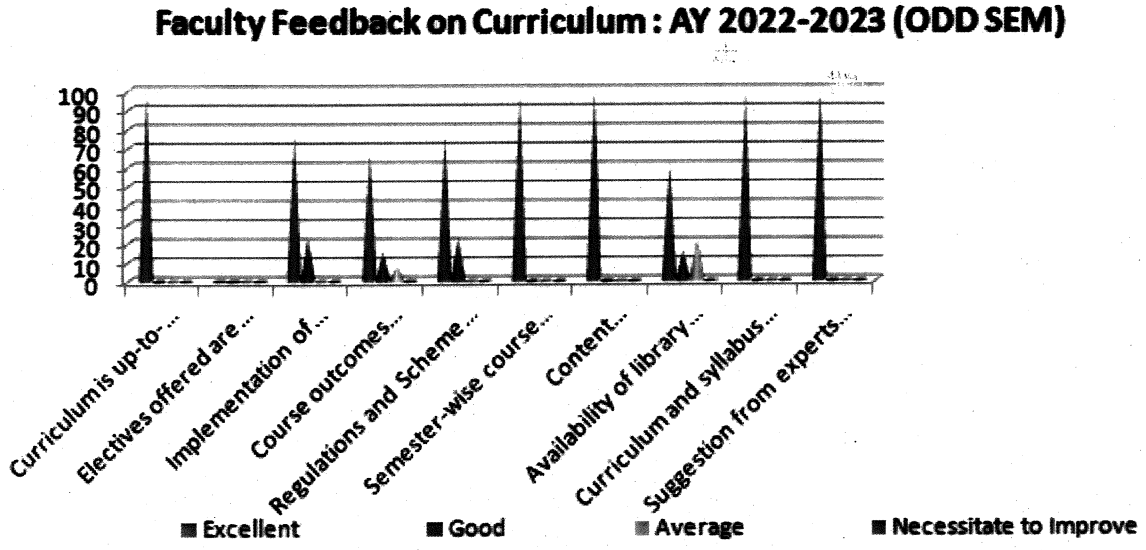


Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 0% of respondents rating it as "Excellent"
- The implementation of Outcome Based Education (OBE) was well-received, with 76.92% of respondents considering it "Excellent" and 23.08% as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 69.23% of respondents rating it as "Excellent" ,15.38% as "Good." and 7.69% of respondents rating it as "Average".
- Regulations and the scheme of examination were considered satisfactory, with 100% of respondents rating it as "Excellent".
- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."
- Regarding the availability of library resources supporting text and reference books suggested for study, 61.53% of respondents rated it as "Excellent," 15.38% as "Good," and 23.08% as "Average."
- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.
- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Chairman BoS
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Hindusthan College of Engineering and Technology

Coimbatore 641 032

DEPARTMENT OF SCIENCE AND HUMANITIES

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	10	0	0	0	10
2.	Teaching Faculty treat the students equally irrespective of the background	8	2	0	0	10
3.	Transparency of the evaluation system followed by the Institution	7	3	0	0	10
4.	Infrastructure and Lab Facility available to support the curriculum.	9	1	0	0	10
5.	Availability of the text and reference books in Central and Department library.	7	2	1	0	10

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	100	0.00	0.00	0.00	100
2.	Teaching Faculty treat the students equally irrespective of the background	80.00	20.00	0.00	0.00	100
3.	Transparency of the evaluation system followed by the Institution	70.00	30.00	0.00	0.00	100
4.	Infrastructure and Lab Facility available to support the curriculum.	90.00	10.00	0.00	0.00	100
5.	Availability of the text and reference books in Central and Department library.	70.00	20.00	10.00	0.00	100

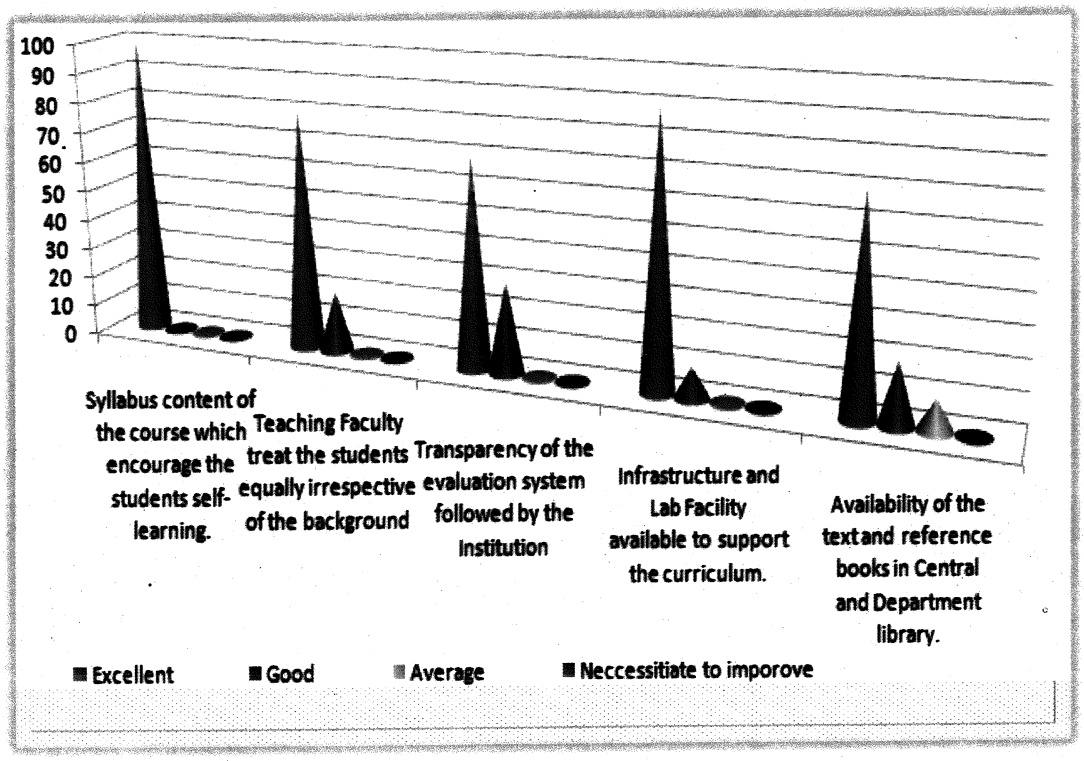

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 100% of parents are highly satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 80% of parents are highly satisfied, 20% of parents are satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 70 % of parents are highly satisfied, 30 % of parents are satisfied.
- Infrastructure and Lab Facility available to support the curriculum 90 % of parents are highly satisfied, 10 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 70 % of parents are highly satisfied, 20 % of parents are satisfied and 10 % of parents are averagely satisfied.

Chairman BoS
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HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET

Hindusthan

College of Engineering and Technology

(An Autonomous Institution Affiliated to Anna University | Approved by AICTE, New Delhi)
Accredited with 'A' Grade by NAAC | Accredited by NBA (ECE, MECH, EEE, IT & CSE)
Valley Campus, Pollachi Highway, Coimbatore 641 032. | www.hicet.ac.in

Stakeholders Feedback
On
Curriculum and Syllabus
Academic Year (2022 – 2023) – Even Semester

Departments

1. **B.E. Aeronautical Engineering**
2. **B.Tech. Agricultural Engineering**
3. **B.Tech. Artificial Intelligence & Machine learning**
4. **B.E. Automobile Engineering**
5. **B.E. Biomedical Engineering**
6. **B.E. Civil Engineering**
7. **B.E. Computer Science Engineering**
8. **B.E. Electronics and Instrumentation Engineering**
9. **B.E. Electronics and Communication Engineering**
10. **B.E. Electrical and Electronics Engineering**
11. **B.Tech. Food Technology**
12. **B.Tech. Information Technology**
13. **B.E. Mechanical Engineering**
14. **B.E. Mechatronics Engineering**
15. **B.Tech. Chemical Engineering**
16. **M.C.A**
17. **M.B.A**
18. **Science and Humanities**

HICET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF AERONAUTICAL ENGINEERING

FEEDBACK ANALYSIS REPORT

2022-2023 (EVEN SEM)

DEPARTMENT OF AERONAUTICAL ENGINEERING

STUDENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented	88	29	16	0	133
2.	Extent of course objectives and course outcomes achieved through the syllabus	94	24	15	0	133
3.	Professional and open electives offered in the curriculum of the program	88	30	15	0	133
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	92	29	12	0	133
5.	Profundity of the course content in the syllabus	94	26	13	0	133
6.	Sequence of courses provided in the curriculum	85	36	12	0	133
7.	Syllabus coverage in class by the faculty	88	34	11	0	133
8.	Encouragement by faculty in the learning process	108	15	10	0	133
9.	Teaching-learning process	101	25	7	0	133
10.	Relevance of text books / reference books / e-content recommended in the syllabus	82	33	18	0	133
11.	Availability of learning resources in the central and department library	94	23	16	0	133
12.	Reliability and transparency in the assessment and evaluation process	102	13	18	0	133
13.	Knowledge and perspective gained in the respective program of study	103	20	10	0	133
14.	Components in curriculum to promote entrepreneurship and employability	101	24	8	0	133

Table.2. Consolidated Student Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented	66	22	12	0	100
2.	Extent of course objectives and course outcomes achieved through the syllabus	71	18	11	0	100
3.	Professional and open electives offered in the curriculum of the program	66	23	11	0	100
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	69	22	9	0	100
5.	Profundity of the course content in the syllabus	71	20	10	0	100
6.	Sequence of courses provided in the curriculum	64	27	9	0	100
7.	Syllabus coverage in class by the faculty	66	26	8	0	100
8.	Encouragement by faculty in the learning process	81	11	8	0	100
9.	Teaching-learning process	76	19	5	0	100
10.	Relevance of text books / reference books / e-content recommended in the syllabus	62	25	14	0	100
11.	Availability of learning resources in the central and department library	71	17	12	0	100
12.	Reliability and transparency in the assessment and evaluation process	77	10	14	0	100
13.	Knowledge and perspective gained in the respective program of study	77	15	8	0	100
14.	Components in curriculum to promote entrepreneurship and employability	76	18	6	0	100

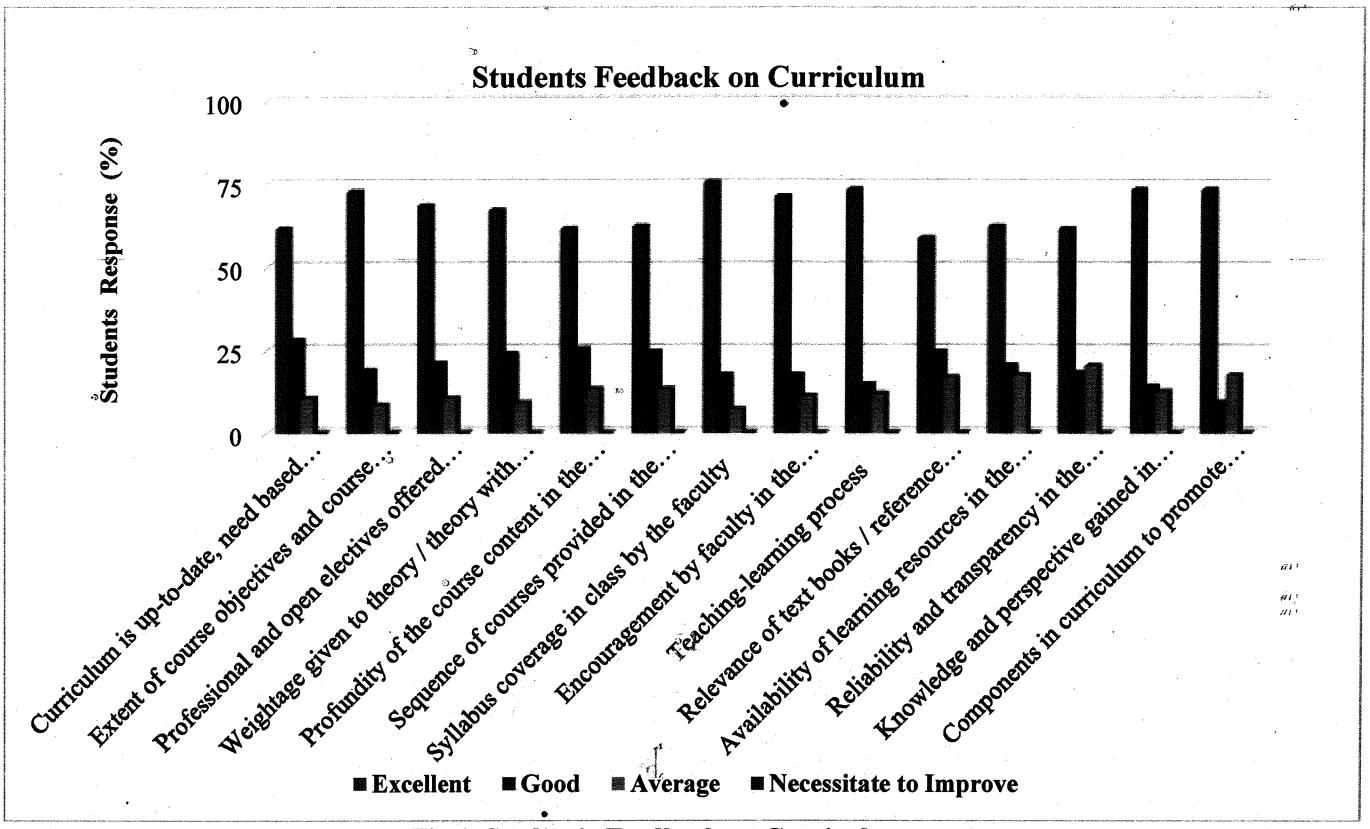

Fig.1. Student's Feedback on Curriculum

REPORT

The student response to feedback on the curriculum was summarized below:

- "Curriculum is up-to-date, need based and application oriented" scored 66%, 22%, and 12% as excellent, good, and average respectively.
- "Course objective & course outcomes are achieved in the syllabus" scored 71%, 18%, and 11% as excellent, good, and average respectively.
- "Professional and open Electives offered are supportive to the core papers" scored 66%, 23%, and 11% as excellent, good, and average respectively.
- "Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content" scored 69%, 22%, and 9% as excellent, good, and average respectively.
- "Profundity of the course content in the syllabus" scored 71%, 20%, and 10% as excellent, good, and average respectively.
- "Exact Sequence of the courses provided in the curriculum" scored 64%, 27%, and 9% as excellent, good, and average respectively.
- "Syllabus coverage in class by the teaching faculty" scored 66%, 26%, and 8% as excellent, good, and average respectively.
- "Faculty Encouragement in learning process" scored 81%, 11%, and 8% as excellent, good, and average respectively.
- "Teaching and learning process enables clear understanding of the course content" scored 76%, 19%, and 5% as excellent, good, and average respectively.

- "Text books/ reference books /e-content recommended in the syllabus are relevant and updated" scored 62%, 25%, and 14% as excellent, good, and average respectively.
- "Availability of library resources in central and departmental library" scored 71%, 17%, and 12% as excellent, good, and average respectively.
- "Reliability of Assessment and Evaluation Process" scored 77%, 10%, and 14% as excellent, good, and average respectively.
- "The syllabus provides sufficient knowledge & perspective in the respective branch" scored 77%, 15%, and 8% as excellent, good, and average respectively.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 76%, 18%, and 6% as excellent, good, and average respectively.

SUGGESTIONS:

- Programming languages can be introduced in syllabus

DEPARTMENT OF AERONAUTICAL ENGINEERING

ALUMNI FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Alumni Response						
1	Course objectives and outcomes of the syllabus	44	22	20	0	86
2	Regulations and scheme of examination	42	28	16	0	86
3	Semester-wise course content	40	21	25	0	86
4	Course content, delivery, methodology and learning resources	47	20	19	0	86
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	50	15	21	0	86
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	38	28	20	0	86
7	Availability of learning resources, text and reference books in the central and department library	36	34	16	0	86

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S. No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Alumni Response						
1	Course objectives and outcomes of the syllabus	51	26	23	0	100
2	Regulations and scheme of examination	49	33	19	0	100
3	Semester-wise course content	47	24	29	0	100
4	Course content, delivery, methodology and learning resources	55	23	22	0	100
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	58	17	24	0	100
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	44	33	23	0	100
7	Availability of learning resources, text and reference books in the central and department library	42	40	19	0	100

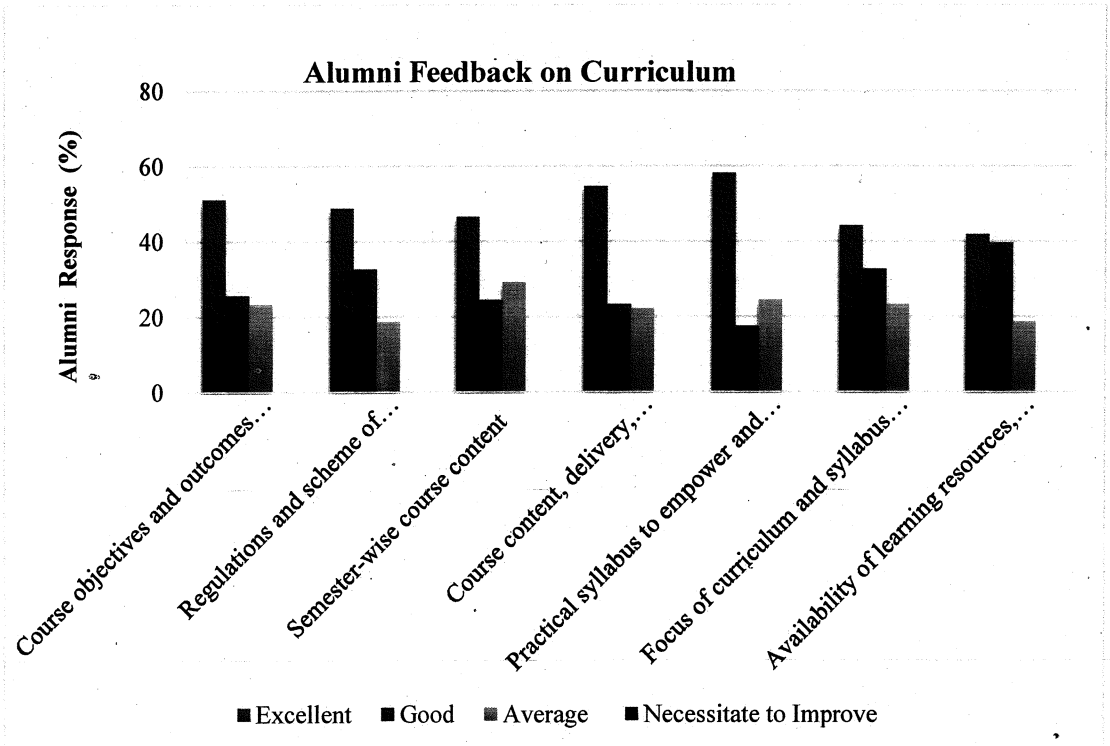

Fig.1. Alumni Feedback on Curriculum

Report:

The Alumni's response to feedback on the curriculum was given below:

- "Course objectives and outcome of the syllabus are clearly defined" scored 51%, 26%, and 23%, as excellent, good, and average respectively.
- "Regulations and Scheme of Examination" scored 49%, 33%, and 19%, as excellent, good, and average respectively.
- "Semester-wise course content" scored 47%, 24%, and 29%, as excellent, good, and average respectively.
- "Content Delivery, Methodology & Learning Resources" scored 55%, 23%, and 22%, as excellent, good, and average respectively.
- "The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 58%, 17%, and 24%, as excellent, good, and average respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 44%, 33%, and 23%, as excellent, good, and average respectively.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 42%, 40%, and 19%, as excellent, good, and average respectively.

SUGGESTIONS:

- Industry-oriented courses may be offered by providing lectures by industry experts.

DEPARTMENT OF AERONAUTICAL ENGINEERING

PARENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Parent's Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parents Response					
1.	Curriculum, syllabi and course contents to promote self-learning among the students	25	5	7	0	37
2.	Fairness of faculty in treating students irrespective of their background	24	10	3	0	37
3.	Reliability and transparency in the assessment and evaluation process of the institution	22	9	6	0	37
4.	Infrastructure and laboratory facilities to support the curriculum	21	8	8	0	37

5.	Availability of learning resources, text and reference books in the central and department library	22	8	7	0	37

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum, syllabi and course contents to promote self-learning among the students	68	14	19	0	100
2.	Fairness of faculty in treating students irrespective of their background	65	27	8	0	100
3.	Reliability and transparency in the assessment and evaluation process of the institution	59	24	16	0	100
4.	Infrastructure and laboratory facilities to support the curriculum	57	22	22	0	100
5.	Availability of learning resources, text and reference books in the central and department library	59	22	19	0	100

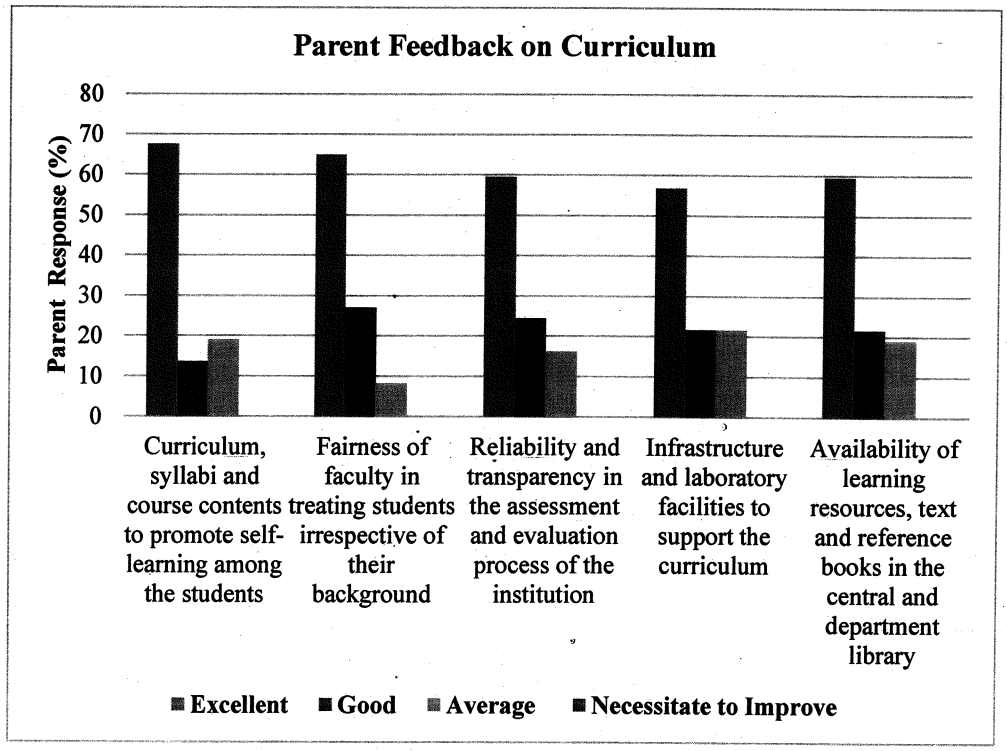

Fig.1. Parent's Feedback on Curriculum

REPORT

The parent's response to feedback on the curriculum was given:

- Syllabus content of the course which promotes the students self-learning" scored 68%, 14%, and 19% as excellent, good, and average respectively.
- Teaching Faculty treat the students equally irrespective of the background" scored 65%, 27%, and 8% as excellent, good, and average respectively.
- Transparency of the evaluation system followed by the Institution" scored 59%, 24%, and 16% as excellent, good, and average respectively.
- Infrastructure and Lab Facility available to support the curriculum" scored 57%, 23%, and 22% as excellent, good, and average respectively.
- Availability of the text and reference books in Central and Department library" scored 59%, 22%, and 19% as excellent, good, and average respectively.

DEPARTMENT OF AERONAUTICAL ENGINEERING

FACULTY.FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	18	4	0	0	22
2.	Professional and open electives offered in the curriculum of the program	16	6	0	0	22
3.	Implementation of outcome-based education	17	5	0	0	22
4.	Contribution of course outcomes to the fulfilment of the program outcomes	20	2	0	0	22
5.	Regulations and scheme of examination	16	6	0	0	22
6.	Semester-wise course content	22		0	0	22
7.	Course content, delivery, methodology and learning resources	22		0	0	22
8.	Availability of learning resources, text and reference books in the central and department library	20	2	0	0	22

9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	18	4	0	0	22
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	22	0	0	0	22

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	82	18	0	0	100
2.	Professional and open electives offered in the curriculum of the program	73	27	0	0	100
3.	Implementation of outcome-based education	77	23	0	0	100
4.	Contribution of course outcomes to the fulfilment of the program outcomes	91	9	0	0	100
5.	Regulations and scheme of examination	73	27	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Course content, delivery, methodology and learning resources	100	0	0	0	100
8.	Availability of learning resources, text and reference books in the central and department library	91	9	0	0	100
9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	82	18	0	0	100
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	100	0	0	0	100

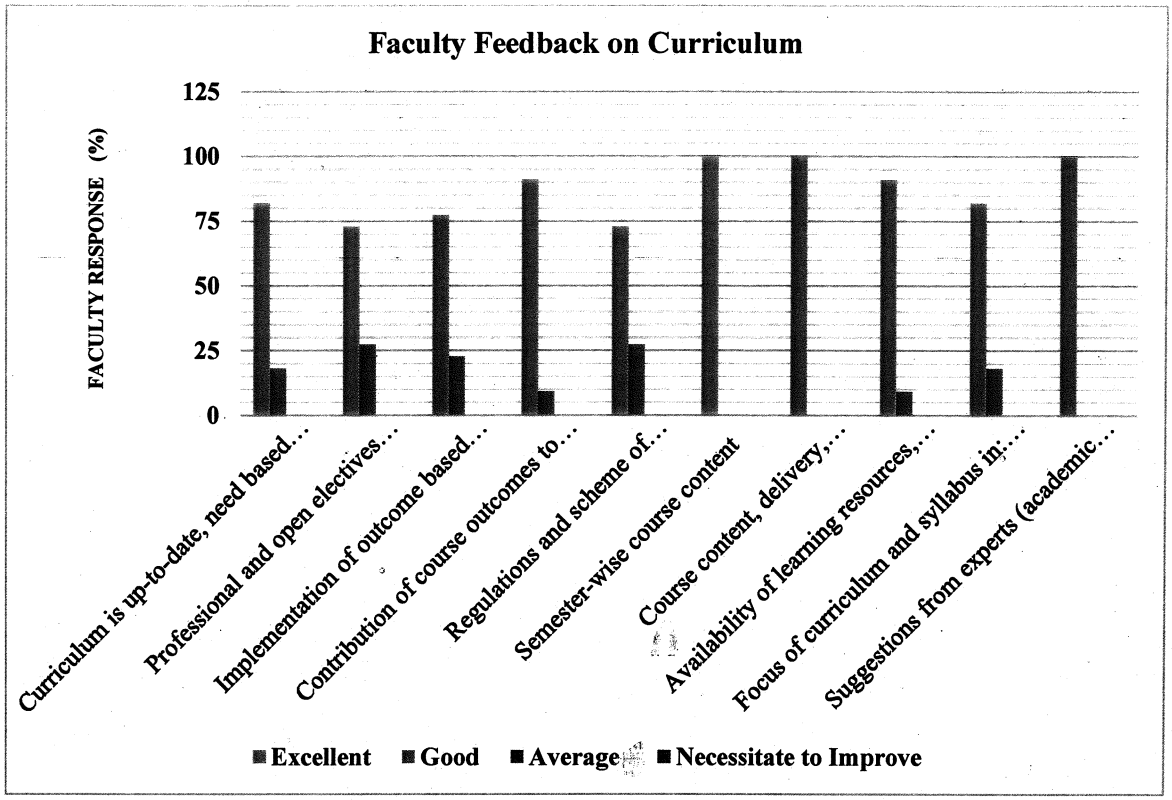

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

- The syllabus is up-to-date, need based and application oriented" scored 82% as excellent and 18 % as good.
- "Electives offered are supportive to the core papers" scored 73%, and 27% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 77%, and 23% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) scored 91 % as excellent and 9% as good.
- "Regulations and Scheme of Examination" scored 73%, and 27% as excellent, and good respectively.
- "Semester-wise course content" scored 100 % as excellent.
- "Content Delivery, Methodology and Learning Resources" scored 100 % as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 91%, and 9% as excellent, and good respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 82%, and 18% as excellent, and good respectively.

- "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100 % as excellent.

SUGGESTIONS:

- . In minor degree courses, Fundamentals of UAV and Introduction to Quadcopter can be combined to be single course

Bos Chairmen

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AGRICULTURAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E/B.Tech-Agricultural Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	11	5	0	0	16
2.	Regulations and Scheme of Examination	12	4	0	0	16
3.	Semester-wise course content	11	5		0	16
4.	Content Delivery, Methodology & Learning Resources	12	4	0	0	16
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	9	4	3	0	16
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	8	5	3	0	16
7.	Availability of library resources supports Text and Reference Books suggested to study	9	4	3	0	16

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	68.75	31.25	0.00	0.00	100.00
2.	Regulations and Scheme of Examination	75.00	25.00	0.00	0.00	100.00
3.	Semester-wise course content	68.75	31.25	0.00	0.00	100.00
4.	Content Delivery, Methodology & Learning Resources	75.00	25.00	0.00	0.00	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	56.25	25.00	18.75	0.00	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50.00	31.25	18.75	0.00	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	56.25	25.00	18.75	0.00	100.00

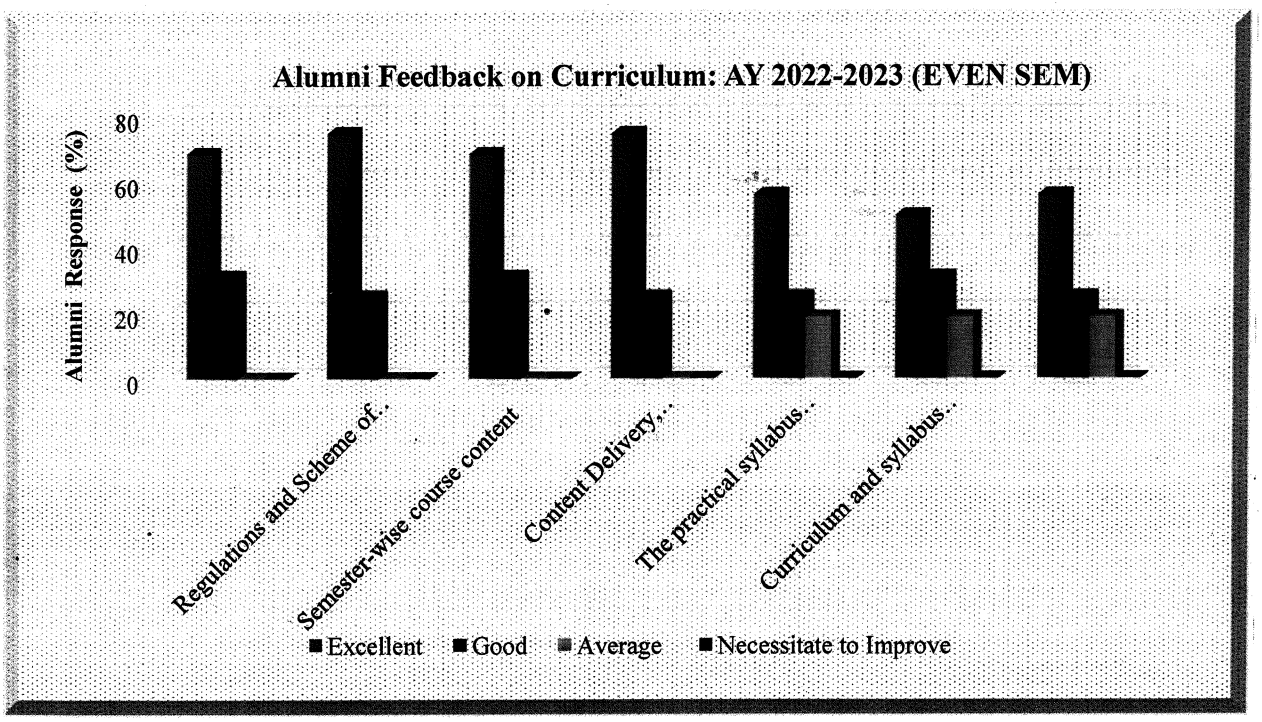

Fig.1. Alumni Feedback on Curriculum

In the assessment of various aspects of the course syllabus and curriculum, the following observations were made:

- Course Objectives and Outcome: The course objectives and outcome of the syllabus were clearly defined, with 68.75% of respondents rating it as "Excellent" and 31.25% as "Good."

- Regulations and Scheme of Examination: The regulations and scheme of examination were well-received, with 75% of respondents rating it as "Excellent" and 25% as "Good."

- Semester-wise Course Content: The semester-wise course content was well-defined, with 68.75% of respondents rating it as "Excellent" and 31.25% as "Good."

- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources were found to be satisfactory, with 75% of respondents rating it as "Excellent" and 25% as "Good."

- Practical Syllabus and Skill Development: The practical syllabus was deemed effective in empowering students to develop experimental, design, problem-solving, and analysis skills, with 56.25% of respondents rating it as "Excellent," 25% as "Good," and 18.75% as "Average."

- Industry Readiness and Student Engagement: The curriculum and syllabus received mixed feedback in terms of industry readiness and student engagement. 50% of respondents rated it as "Good," 31.25% as "Excellent," and 18.75% as "Average."

- Library Resources and Study Material: The availability of library resources to support the suggested text and reference books were found to be satisfactory, with 56.25% of respondents rating it as "Excellent," 25% as "Good," and 18.75% as "Average."

Suggestions:

- Establish a career counselling and guidance Centre to support students in aligning their skills with industry demands.
- Organize workshops, seminars, and networking events to foster industry-academia interaction and enhance student engagement.
- Suggested one MOOC (NPTEL- SWAYAM) course adding under Professional Elective IV

Chairman - BoS
AGRI - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG. & TECH. * Chairman

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HiCET

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B.E/B.Tech- AGRICULTURAL ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agriculture Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	11	0	0	0	11
2.	Electives offered are supportive to the core papers	9	2	0	0	11
3.	Implementation of Outcome Based Education	8	3	0	0	11
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	3	0	0	11
5.	Regulations and Scheme of Examination	9	2	0	0	11
6.	Semester-wise course content	11	0	0	0	11
7.	Content Delivery, Methodology and Learning Resources	11	0	0	0	11
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	3	0	11
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	11	0	0	0	11
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	11	0	0	0	11

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100.00	0.00	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	81.82	18.18	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	72.73	27.27	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	72.73	27.27	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	81.82	18.18	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	100.00	0.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	54.55	18.18	27.27	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

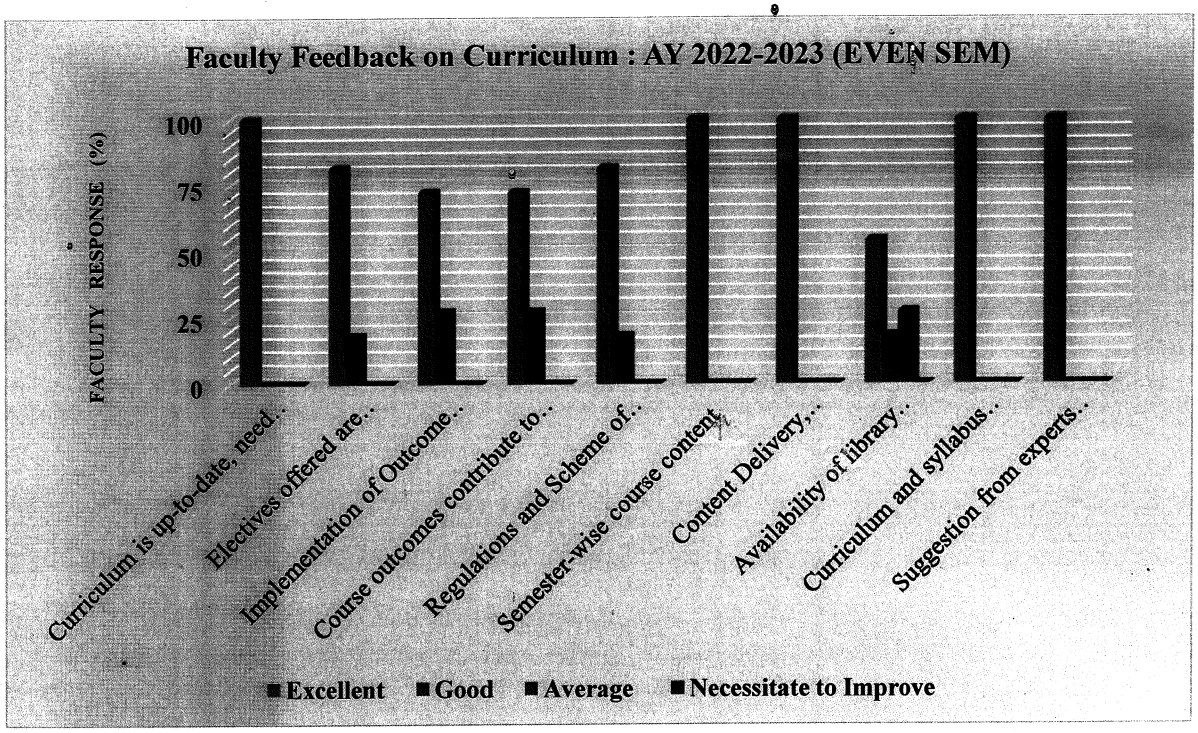

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 81.82% of respondents rating it as "Excellent" and 18.18% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 72.73% of respondents considering it "Excellent" and 27.27% as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 72.73% of respondents rating it as "Excellent" and 27.27% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 81.82% of respondents rating it as "Excellent" and 18.18% as "Good."
- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."
- Regarding the availability of library resources supporting text and reference books suggested for study, 54.55% of respondents rated it as "Excellent," 18.18% as "Good," and 27.27% as "Average."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.
- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Suggestions:

- ❖ Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.

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B.E/B.Tech- AGRICULTURAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agricultural Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	10	3	0	0	13
2.	Teaching Faculty treat the students equally irrespective of the background	12	1	0	0	13
3.	Transparency of the evaluation system followed by the Institution	11	2	0	0	13
4.	Infrastructure and Lab Facility available to support the curriculum.	9	2	2	0	13
5.	Availability of the text and reference books in Central and Department library.	7	4	2	0	13

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	76.92	23.08	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	92.31	7.69	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	84.62	15.38	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	69.23	15.38	15.38	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	53.85	30.77	15.38	0.00	100.00

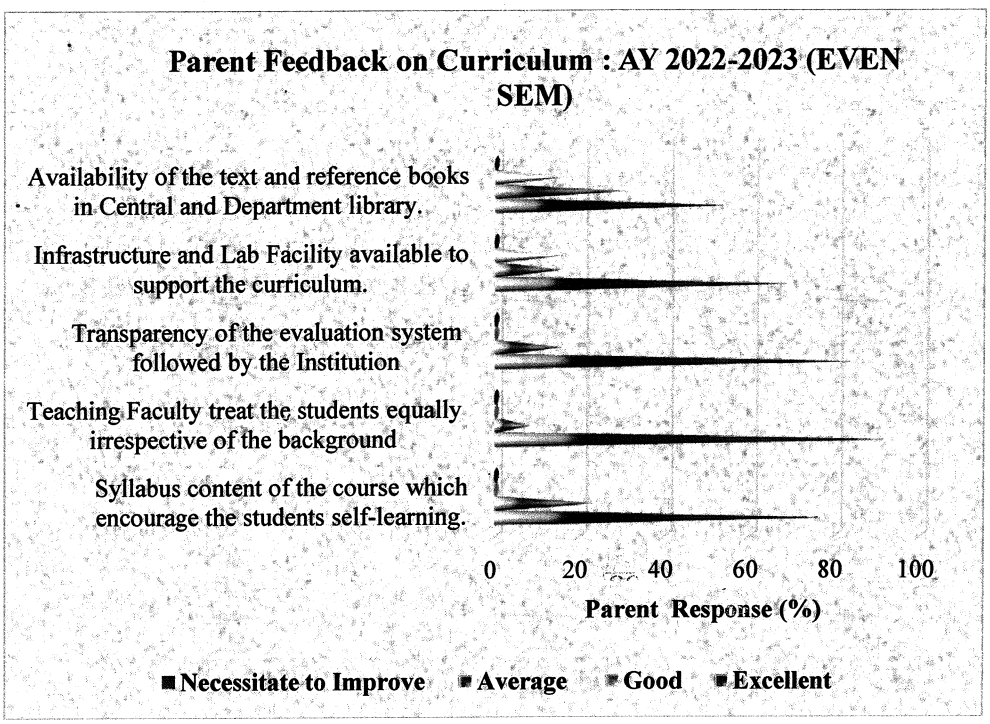

Fig.1. Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was highly appreciated for encouraging self-learning, with 76.92% of respondents rating it as "Excellent" and 23.08% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was commended for treating students equally, irrespective of their background, with 92.31% of respondents considering it "Excellent" and 7.69% as "Good."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 84.62% of respondents rating it as "Excellent" and 15.38% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 69.23% of respondents considering it "Excellent," 15.38% as "Good," and 15.38% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 53.85% of respondents rated it as "Excellent," 30.77% as "Good," and 15.38% as "Average."

Suggestions:

- Conduct a comprehensive review of the infrastructure and lab facilities to identify areas that need improvement or modernization.

- ❖ Seek funding or collaborations to upgrade facilities and provide state-of-the-art equipment for better practical learning experiences.

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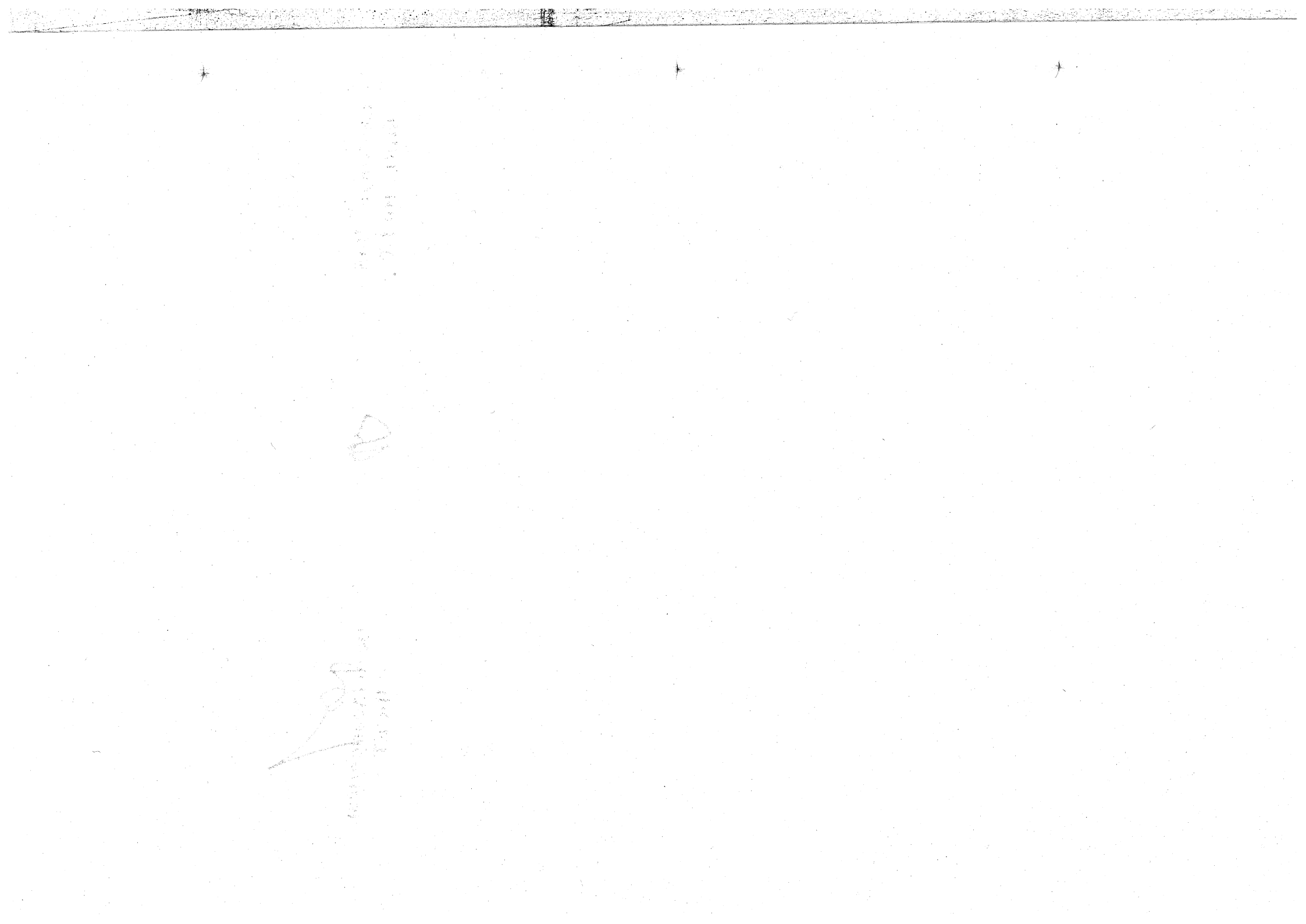
Chairman

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology

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B.E/B.Tech- AGRICULTURAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Agriculture Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	2	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	3	1	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	3	2	1	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	3	2	1	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	66.67	33.33	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	50.00	33.33	16.67	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	33.33	50.00	16.67	0.00	100.00
4.	Offered Courses related to Industry/employability	83.33	16.67	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	50.00	33.33	16.67	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66.67	16.67	16.67	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	50.00	33.33	16.67	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	50.00	33.33	16.67	0.00	100.00

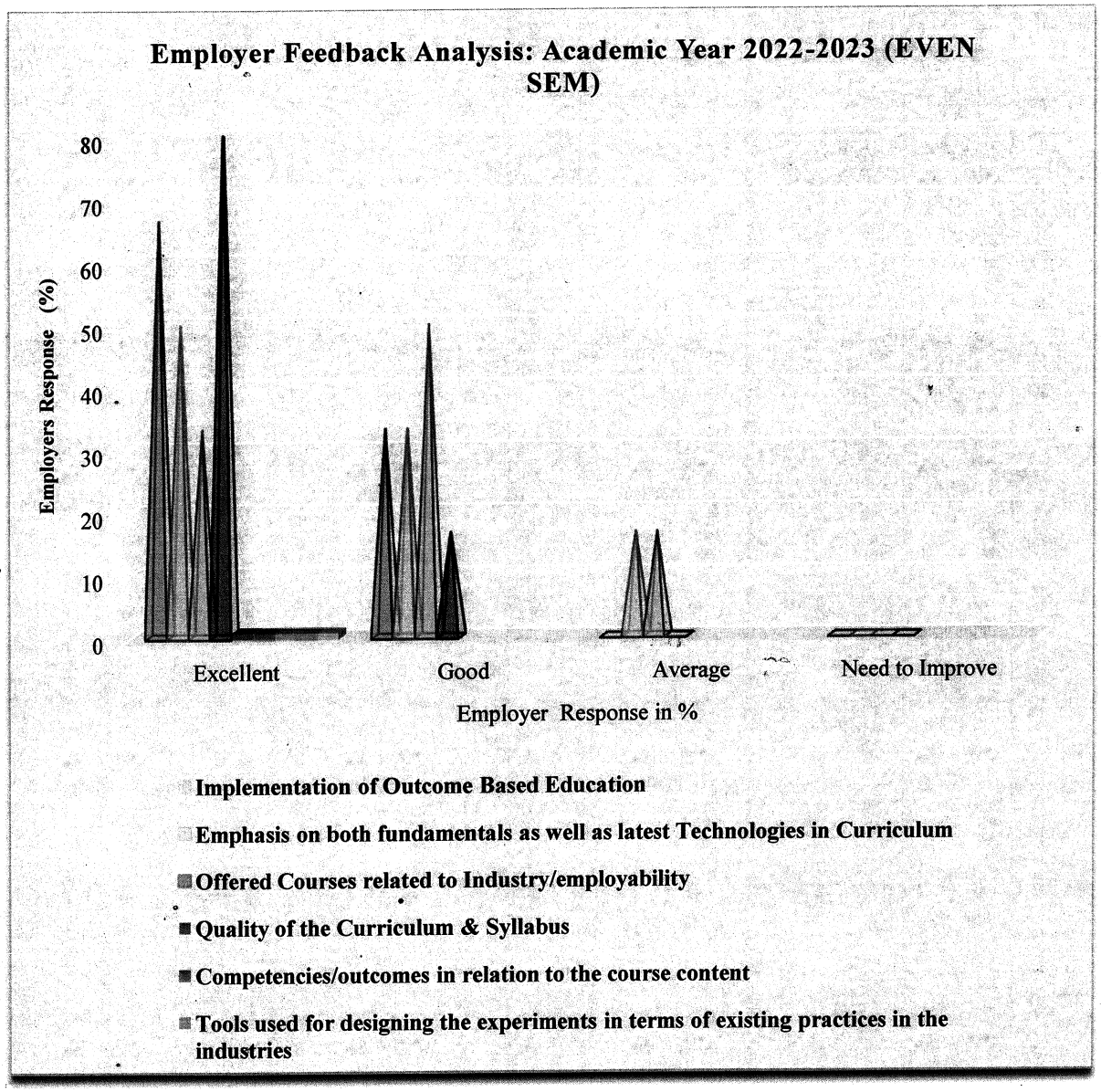


Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, 66.67 percentage of companies are given excellent, 33.33 percentage of the companies are given good.
- Implementation of Outcome Based Education, 50 percentage of companies are given excellent, 33.33 percentage of the companies are given good, 16.67 percentage of companies are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 33.33 percentage of companies are given excellent, 50 percentage of the companies are given good, 16.57 percentage of companies are marked as an average.
- Offered Courses related to Industry/employability, 83.33 percentage of companies are given excellent, 16.67 percentage of the companies are given good.

- Competencies/outcomes in relation to the course content, 50 percentage of companies are given excellent, 33.33 percentage of the companies are given good, 16.67 percentage of companies are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 66.67 percentage of companies are given excellent, 16.67 percentage of the companies are given good, 16.67 percentage of companies are marked as an average.
- Curriculum offers a range of professional and open electives/value-added courses, 50 percentage of companies are given excellent, 33.33 percentage of the companies are given good, 16.67 percentage of companies are marked as an average.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 50 percentage of companies are given excellent, 33.33 percentage of the companies are given good, 16.67 percentage of companies are marked as an average.

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in Biomaterial and Artificial Organ subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce full stack java development courses
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in big data paper, including virtualization in OS.
- ✓ Include jingo topic in python paper
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
AGRI - HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ACADEMIC COUNCIL Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AGRICULTURAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Agricultural Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	35	2	0	0	37
2.	Course objective & course outcomes are achieved in the syllabus.	32	5	0	0	37
3.	Professional and open Electives offered are supportive to the core papers.	28	7	2	0	37
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	33	2	2	0	37
5.	Profundity of the course content in the syllabus.	25	8	4	0	37
6.	Exact Sequence of the courses provided in the curriculum	29	6	2	0	37
7.	Syllabus coverage in class by the teaching faculty	25	8	4	0	37
8.	Faculty Encouragement in learning process	25	5	5	0	35
9.	Teaching and learning process enables clear understanding of the course content.	26	4	5	0	35
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	22	8	7	0	37
11.	Availability of library resources in central and departmental library.	23	5	9	0	37
12.	Reliability of Assessment and Evaluation Process.	27	8	2	0	37
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	22	10	5	0	37
14.	Curriculum has ability to develop Entrepreneurship and Employability.	20	12	5	0	37

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	94.59	5.41	0.00	0.00	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	86.49	13.51	0.00	0.00	100.00
3.	Professional and open Electives offered are supportive to the core papers.	75.68	18.92	5.41	0.00	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	89.19	5.41	5.41	0.00	100.00
5.	Profundity of the course content in the syllabus.	67.57	21.62	10.81	0.00	100.00
6.	Exact Sequence of the courses provided in the curriculum.	78.38	16.22	5.41	0.00	100.00
7.	Syllabus coverage in class by the teaching faculty.	67.57	21.62	10.81	0.00	100.00
8.	Faculty Encouragement in learning process.	71.43	14.29	14.29	0.00	100.00
9.	Teaching and learning process enables clear understanding of the course content.	74.29	11.43	14.29	0.00	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	59.46	21.62	18.92	0.00	100.00
11.	Availability of library resources in central and departmental library.	62.16	13.51	24.32	0.00	100.00
12.	Reliability of Assessment and Evaluation Process.	72.97	21.62	5.41	0.00	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	59.46	27.03	13.51	0.00	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	54.05	32.43	13.51	0.00	100.00

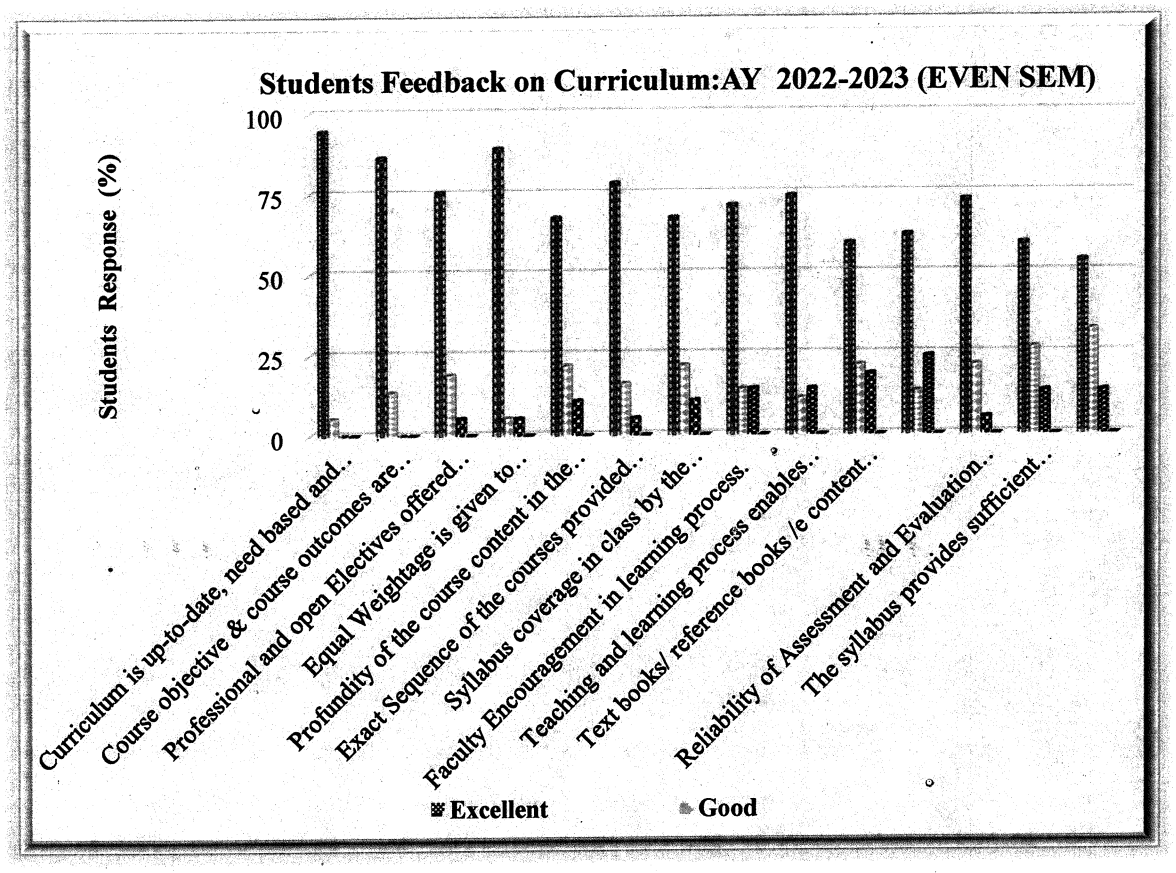


Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly regarded for its relevance, with 94.59% of respondents considering it "Excellent" and 5.41% as "Good."
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was praised, with 86.49% of respondents rating it as "Excellent" and 13.51% as "Good."
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 75.68% of respondents considering it "Excellent," 18.92% as "Good," and 5.41% as "Average."
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 89.19% of respondents rating it as "Excellent" and 5.41% as "Good."
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 67.57% of respondents considering it "Excellent," 21.62% as "Good," and 10.81% as "Average."
- Sequence of Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 78.38% of respondents considering it "Excellent,"

16.22% as "Good," and 5.41% as "Average."

- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 67.57% of respondents rating it as "Excellent," 21.62% as "Good," and 10.81% as "Average."
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 71.43% of respondents considering it "Excellent," 14.29% as "Good," and 14.29% as "Average."
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 74.29% of respondents rating it as "Excellent," 11.43% as "Good," and 14.29% as "Average."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, with 59.46% of respondents considering it "Excellent," 21.62% as "Good," and 18.92% as "Average."
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 62.16% of respondents considering it "Excellent," 13.51% as "Good," and 24.32% as "Average."
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 72.97% of respondents rating it as "Excellent," 21.62% as "Good," and 5.41% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 59.46% of respondents considering it "Excellent," 27.03% as "Good," and 13.51% as "Average."
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 54.05% of respondents rating it as "Excellent," 32.43% as "Good," and 13.51% as "Average."

Suggestions:

- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- Introduce electives or optional modules that allow students to explore specific industry-oriented topics or research areas.

Chairman - BoS
AGRI - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Quality of PEOs, POs and COs	4	2	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	5	1	0	0	6
7.	Text and reference books proposed for study	3	1	1	1	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	4	1	1	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2	Implementation of Outcome Based Education	66	17	17	0	100
3.	Quality of PEOs, POs and COs	67	33	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	83	17	0	0	100
7.	Text and reference books proposed for study	49	17	17	17	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	49	17	17	17	100
10.	Panel of Examiners	66	17	17	0	100

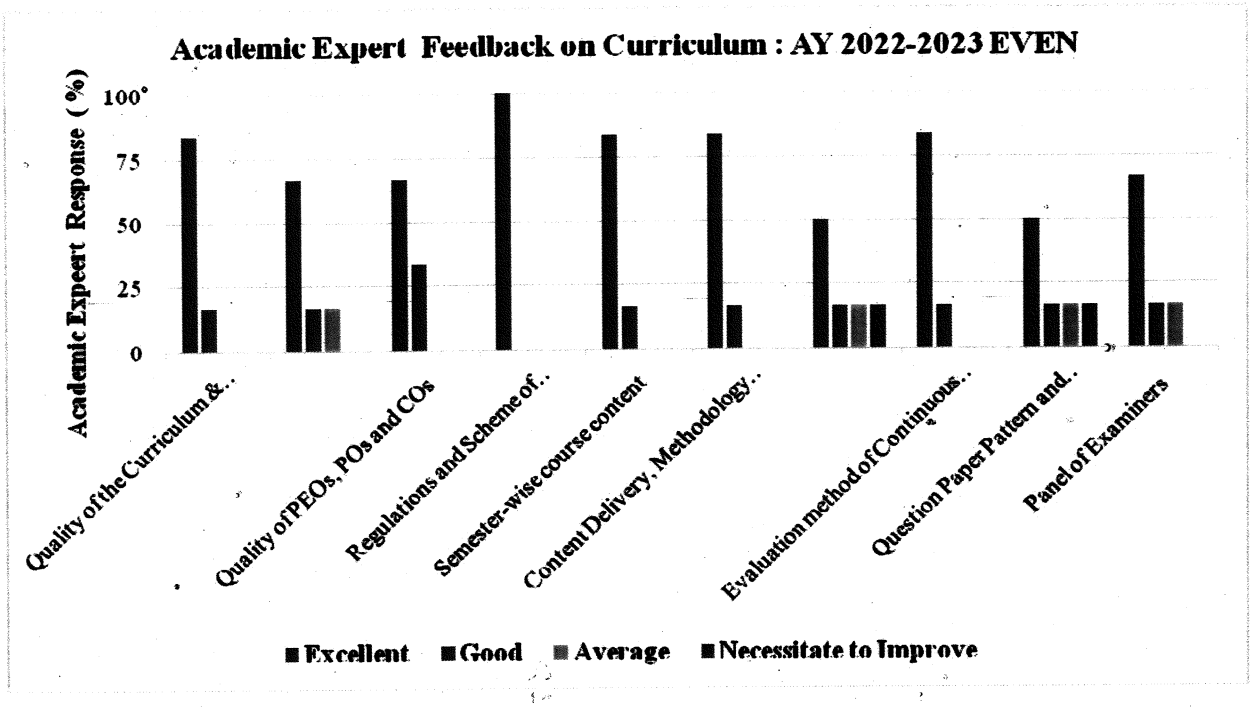


Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.
- The Quality of PEOs, POs and COs, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Question Paper Pattern and Standard (Blooms Level), 49% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average and 17% are suggested to improve.

• For Panel of Examiners, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.

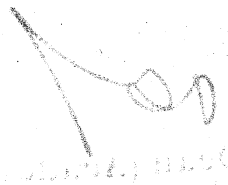
Suggestions:.

- Suggested to include recent editions of text and reference books in the syllabus. Also suggested that, if one text book covers all the units then one text book is enough. Otherwise, more than one text books may be included in the syllabus.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Suggested to include the subject "Robotics Process Automation " in Robotics Domain
- Practice to introduce more number of NPTEL courses as Credit Transfer course during their programme.
- In "Foundations of AI laboratory", Suggested to include scenario based questions and Mini Project
- Course objectives and Course outcomes should be mapped with course contents.
- Enough awareness and guidance can be given to the students those who opt Minor degree/ Honours degree courses guidance.
- Suggested to include lab component courses for Specialization course (Professional Electives, Open Electives and Minor Degree Courses).

Chairman - BoS
AIML - HiCET

Dean (Academics)
HiCET

HINDUSTHAN ACADEMIC COLLEGE OF ENGINEERING
Chairman



Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	1	0	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	6	0	0	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	6	0	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	1	0	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100.00
2.	Implementation of Outcome Based Education	50	33	17	0	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	83	17	0	0	100.00
4.	Offered Courses related to Industry/employability	83	17	0	0	100.00
5.	Competencies/outcomes in relation to the course content	100	0	0	0	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66	17	17	0	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	83	17	0	0	100.00

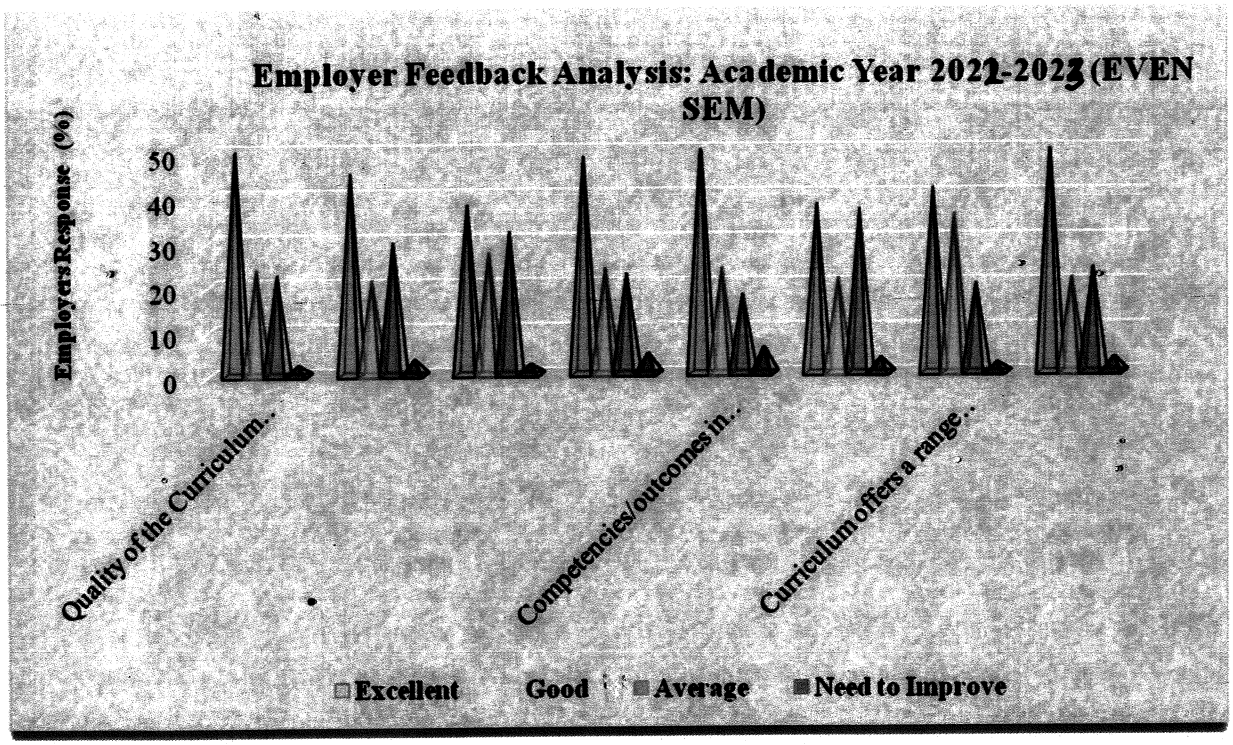


Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Employers are given excellent, 17% of Employers are given good.
- Implementation of Outcome Based Education, 50% of Employers are given excellent, 33% of Employers are given good, also 17% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 83% of Employers are given excellent, 17% of Employers are given good.
- Offered Courses related to Industry/employability, 83% of Employers are given excellent, 17% of Employers are given good.
- Competencies/outcomes in relation to the course content, all 100% of Employers are given excellent.
- Tools used for designing the experiments in terms of existing practices in the industries, 66% of Employers are given excellent, 17% of Employers are given good and 17% of Employers are given average.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 83% of Employers are given excellent, 17% of Employers are given good.

Suggestions:

- ✓ Appreciated for including industrial oriented courses and agreed that students would be surely benefitted and suggested to provide sufficient time to students to complete the courses
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant projects to be included as project based Learning.
- ✓ Ensure more number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ The Data Structures syllabus suggested to reframe with Python programming

Chairman - BoS
AIML - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	0	0	0	8
2.	Electives offered are supportive to the core papers	7	1	0	0	8
3.	Implementation of Outcome Based Education	7	1	0	0	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	2	0	0	8
5.	Regulations and Scheme of Examination	8	0	0	0	8
6.	Semester-wise course content	7	1	0	0	8
7.	Content Delivery, Methodology and Learning Resources	8	0	0	0	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	0	0	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	7	1	0	0	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8	0	0	0	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100.00
2.	Electives offered are supportive to the core papers	88	12	0	0	100.00
3.	Implementation of Outcome Based Education	88	12	0	0	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	75	25	0	0	100.00
5.	Regulations and Scheme of Examination	100	0	0	0	100.00
6.	Semester-wise course content	88	12	0	0	100.00
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	88	12	0	0	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100.00

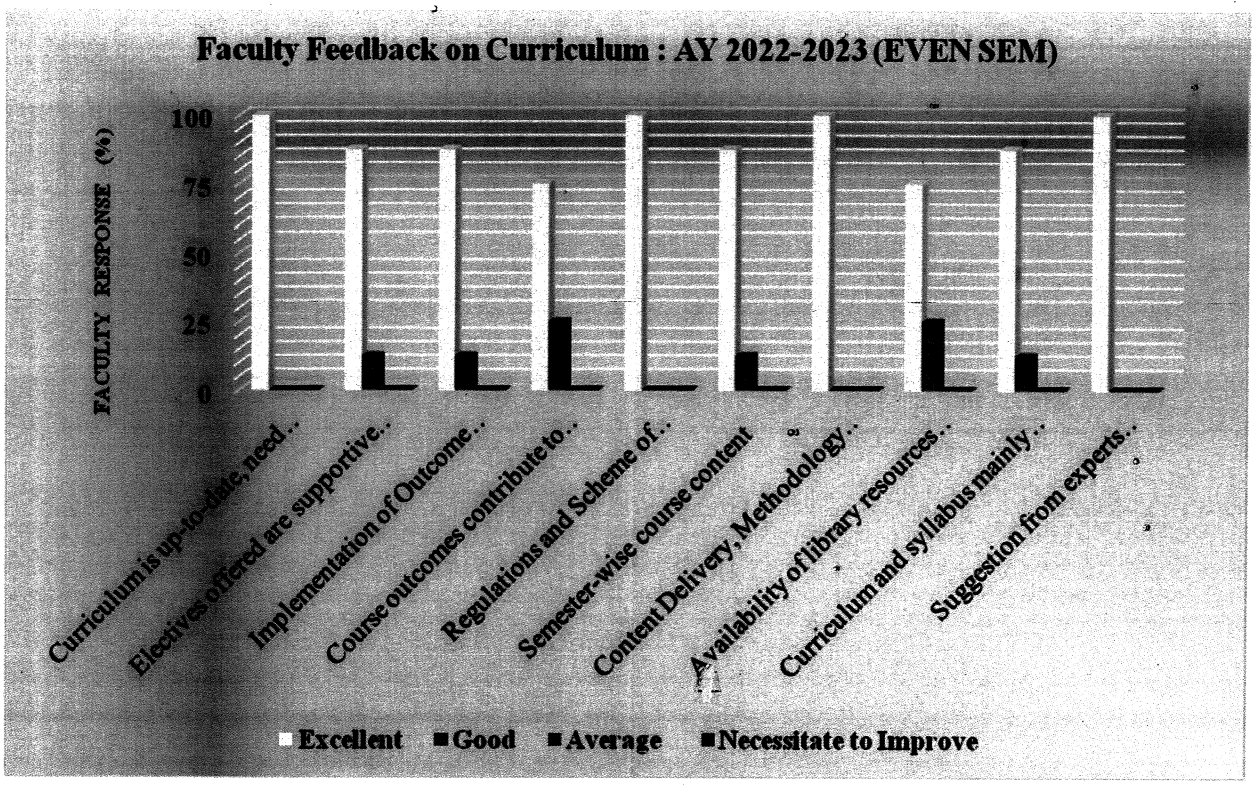


Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Implementation of Outcome Based Education, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and

entrepreneurship, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 100 % of faculties are highly satisfied.

Suggestions:

- Suggested to introduce cyber physical system in the corresponding Honours verticals in R2022 curriculum.
- Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- Suggested to ensure Course objectives should be in line with Course outcomes.

Chairman - BoS
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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	11	1	0	0	12
2.	Teaching Faculty treat the students equally irrespective of the background	12	0	0	0	12
3.	Transparency of the evaluation system followed by the Institution	12	0	0	0	12
4.	Infrastructure and Lab Facility available to support the curriculum.	10	2	0	0	12
5.	Availability of the text and reference books in Central and Department library.	9	2	1	0	12

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	92	8	0	0	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100.00
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	83	17	0	0	100.00
5.	Availability of the text and reference books in Central and Department library.	75	17	8	0	100.00

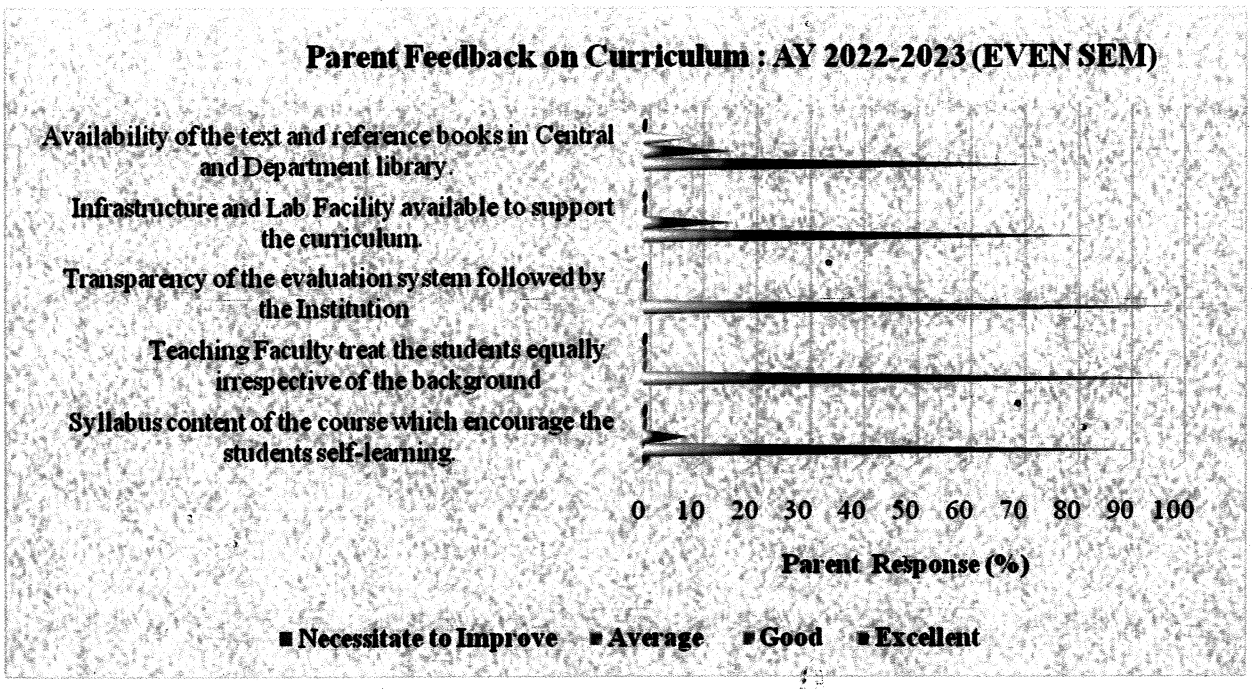

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 83 % of parents are highly satisfied, and 17 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 75 % of parents are highly satisfied, 17 % of parents are satisfied and 8 % of parents are moderately satisfied.

Suggestions:

- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources.

Chairman - BoS
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Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech Artificial Intelligence and Machine Learning

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	41	1	0	0	42
2.	Course objective & course outcomes are achieved in the syllabus.	39	2	1	0	42
3.	Professional and open Electives offered are supportive to the core papers.	40	1	1	0	42
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	38	2	2	0	42
5.	Profundity of the course content in the syllabus.	39	1	1	1	42
6.	Exact Sequence of the courses provided in the curriculum	40	1	1	0	42
7.	Syllabus coverage in class by the teaching faculty	42	0	0	0	42
8.	Faculty Encouragement in learning process	41	1	0	0	42
9.	Teaching and learning process enables clear understanding of the course content.	41	1	0	0	42
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	38	3	1	0	42
11.	Availability of library resources in central and departmental library.	37	3	2	0	42
12.	Reliability of Assessment and Evaluation Process.	39	2	1	0	42
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	41	1	0	0	42
14.	Curriculum has ability to develop Entrepreneurship and Employability.	40	2	0	0	42

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	98	2	0	0	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	93	5	2	0	100.00
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90	5	5	0	100.00
5.	Profundity of the course content in the syllabus.	93	5	2	2	100.00
6.	Exact Sequence of the courses provided in the curriculum.	95	3	2	0	100.00
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100.00
8.	Faculty Encouragement in learning process.	98	2	0	0	100.00
9.	Teaching and learning process enables clear understanding of the course content.	98	2	0	0	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	90	7	3	0	100.00
11.	Availability of library resources in central and departmental library.	88	7	5	0	100.00
12.	Reliability of Assessment and Evaluation Process.	93	5	2	0	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	98	2	0	0	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100.00

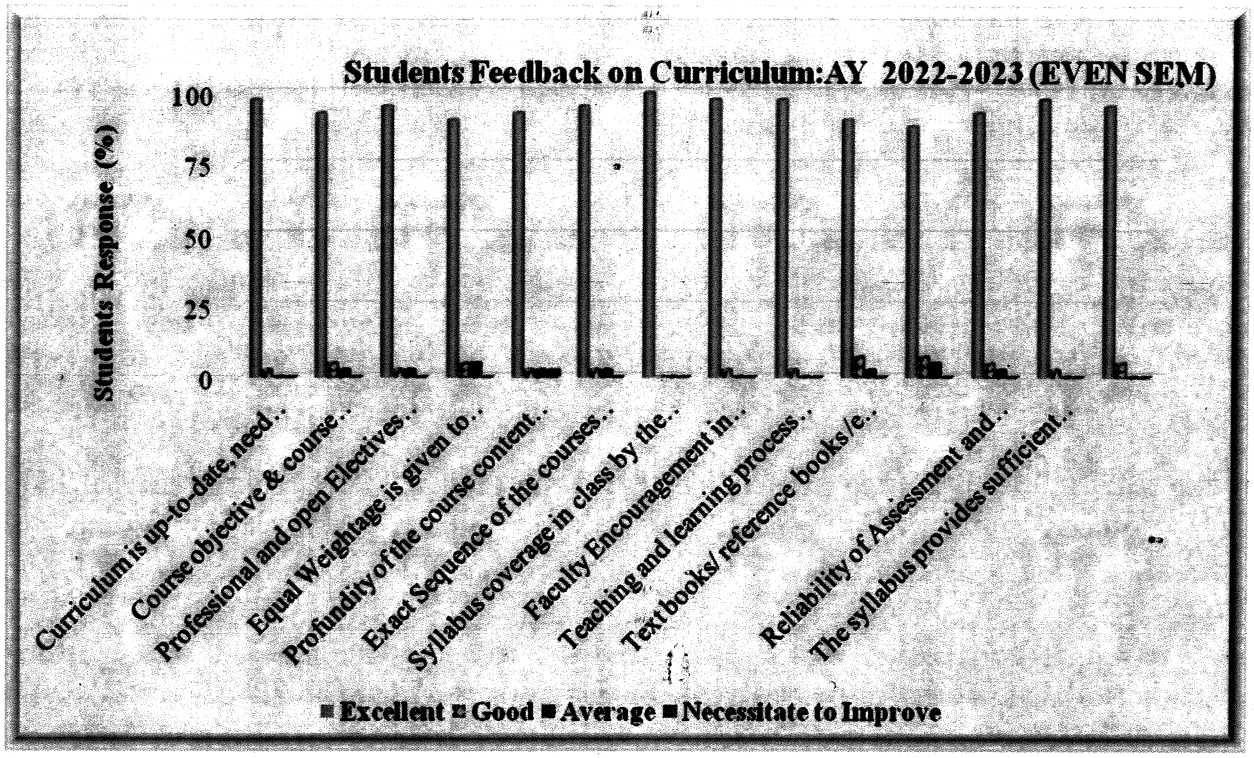

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 98% of students are highly satisfied and only 2% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system, 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 90 % of students are very satisfied, 5% of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum, 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 98 % of students are highly

satisfied and 2% of students are satisfied.

- ❖ Teaching and learning process enables clear understanding of the course content 98 % of students are highly satisfied, only 2% of students are satisfied.
- ❖ Text books/ reference books /e content recommended in the syllabus are relevant and updated 90% of students are highly satisfied, 7% of students are satisfied and only 3% of students are moderately satisfied.
- ❖ Reliability of assessment & evaluation process 93% of students are highly satisfied, 5% of students are satisfied and 2% of students are moderately satisfied
- ❖ The syllabus provides sufficient knowledge & perspective in the respective branch, 98 % of students are highly satisfied, only 2% of students are satisfied.
- ❖ With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- ❖ Arrange internship opportunities from semester III onwards to get exposure on industrial needs.
- ❖ Other than department specific minor, provide general minor degree domain courses like Entrepreneurship, Finance etc.
- ❖ Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- ❖ Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.
- ❖ Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.

Chairman - BoS
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HiCET

HINDUSTHAN ACADEMIC COUNCIL OF ENGINEERING Chairman

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech -Automobile Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	88	67	15	0	170
2.	Course objective & course outcomes are achieved in the syllabus.	92	65	13	0	170
3.	Professional and open Electives offered are supportive to the core papers.	90	67	13	0	170
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	66	11	0	170
5.	Profundity of the course content in the syllabus.	99	60	11	0	170
6.	Exact Sequence of the courses provided in the curriculum	105	58	7	0	170
7.	Syllabus coverage in class by the teaching faculty	103	62	5	0	170
8.	Faculty Encouragement in learning process	104	59	7	0	170
9.	Teaching and learning process enables clear understanding of the course content.	102	60	8	0	170
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	99	62	9	0	170
11.	Availability of library resources in central and departmental library.	99	61	10	0	170
12.	Reliability of Assessment and Evaluation Process.	93	68	9	0	170
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	68	10	0	170
14.	Curriculum has ability to develop Entrepreneurship and Employability.	105	54	11	0	170

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	51.76	39.41	8.82	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	54.12	38.24	7.65	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	52.94	39.41	7.65	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	54.71	38.82	6.47	0.00	100
5.	Profundity of the course content in the syllabus.	58.24	35.29	6.47	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	61.76	34.12	4.12	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	60.59	36.47	2.94	0.00	100
8.	Faculty Encouragement in learning process.	61.18	34.71	4.12	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	60.00	35.29	4.71	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	58.24	36.47	5.29	0.00	100
11.	Availability of library resources in central and departmental library.	58.24	35.88	5.88	0.00	100
12.	Reliability of Assessment and Evaluation Process.	54.71	40.00	5.29	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	54.12	40.00	5.88	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	61.76	31.76	6.47	0.00	100

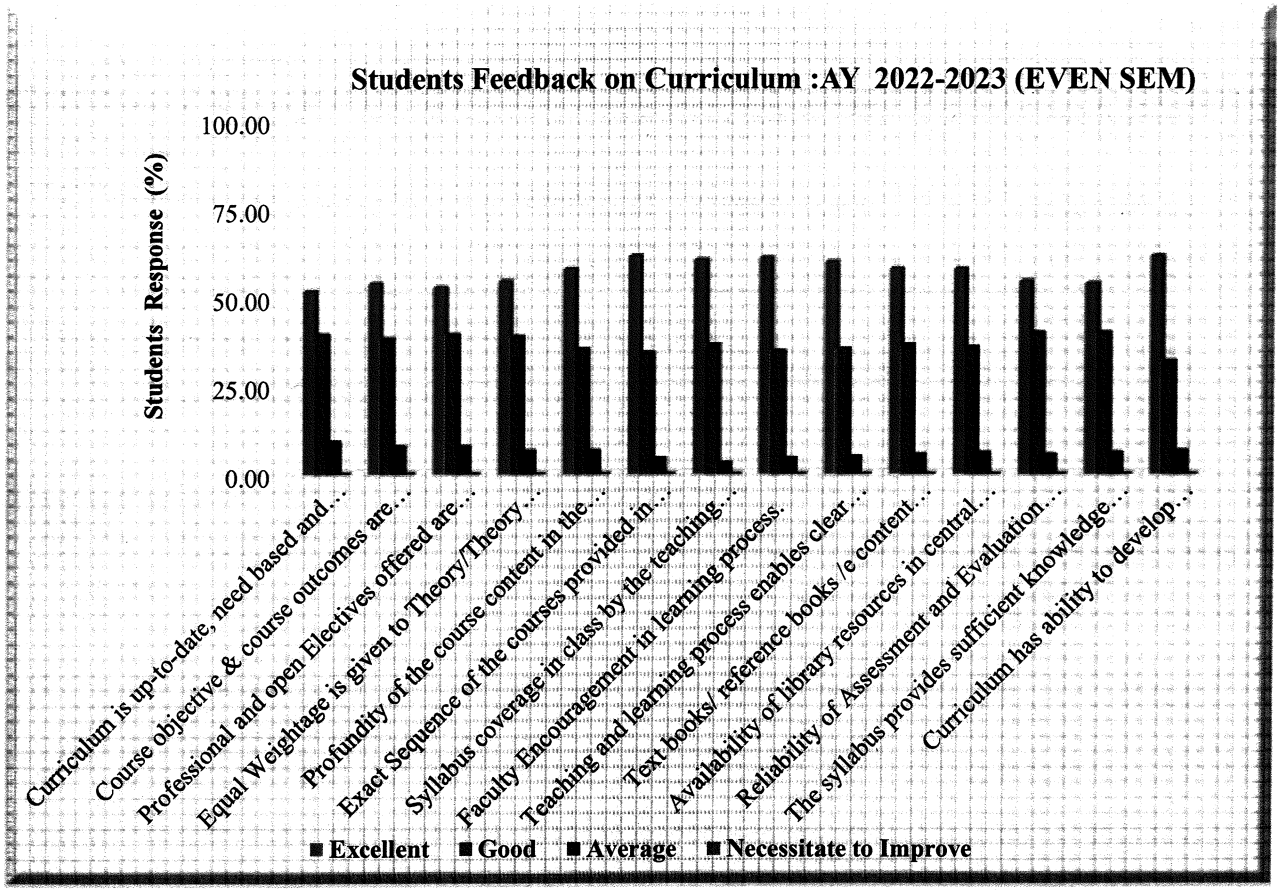
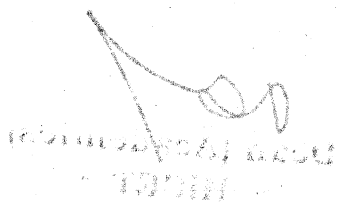


Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- "Curriculum is up-to-date, need based and application oriented" scored 51.76 % as excellent.
- "Course objective & Course outcomes are achieved in the syllabus" scored 54.12% as excellent.
- "Professional and open Electives offered are supportive to the core paper" scored 52.94% as excellent.
- "Equal Weightage is given to theory/theory with laboratory/Practical/Mandatory course content scored 54.71% as excellent.
- "Profundity of the course content in the syllabus" as scored 58.24% as excellent.
- "Exact Sequence of the course provided in the curriculum" scored 61.76% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 60.59% as excellent.
- "Faculty encouragement in learning process" scored 61.18% as excellent.
- "Teaching and learning process enable clear understanding of the course content" scored 60.00% as excellent.



Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	12	1			13
2.	Electives offered are supportive to the core papers	11	2			13
3.	Implementation of Outcome Based Education	10	3			13
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	11	2			13
5.	Regulations and Scheme of Examination	12	1			13
6.	Semester-wise course content	13	0			13
7.	Content Delivery, Methodology and Learning Resources	12	1			13
8.	Availability of library resources supports Text and Reference Books suggested to study	12	1			13
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	1			13
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	11	2			13

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	92.31	7.69	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	84.62	15.38	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	76.92	23.08	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	84.62	15.38	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	92.31	7.69	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	92.31	7.69	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	92.31	7.69	0.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	92.31	7.69	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	84.62	15.38	0.00	0.00	100.00

- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."

- Regarding the availability of library resources supporting text and reference books suggested for study, 92.31% of respondents rated it as "Excellent," 7.69% as "Good."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 92.31% "Excellent" rating.

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 84.62% of respondents considering it "Excellent."

Suggestions:

- ❖ Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- ❖ Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

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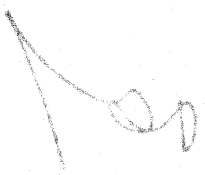

Hindusthan College of Engineering and Technology

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B.E/B.Tech- AUTOMOBILE ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	22	3	1	0	26
2.	Teaching Faculty treat the students equally irrespective of the background	20	5	1	0	26
3.	Transparency of the evaluation system followed by the Institution	21	4	1	0	26
4.	Infrastructure and Lab Facility available to support the curriculum.	20	5	1	0	26
5.	Availability of the text and reference books in Central and Department library.	23	1	2	0	26

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	84.62	11.54	3.85	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	76.92	19.23	3.85	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	80.77	15.38	3.85	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	76.92	19.23	3.85	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	88.46	3.85	7.69	0.00	100.00

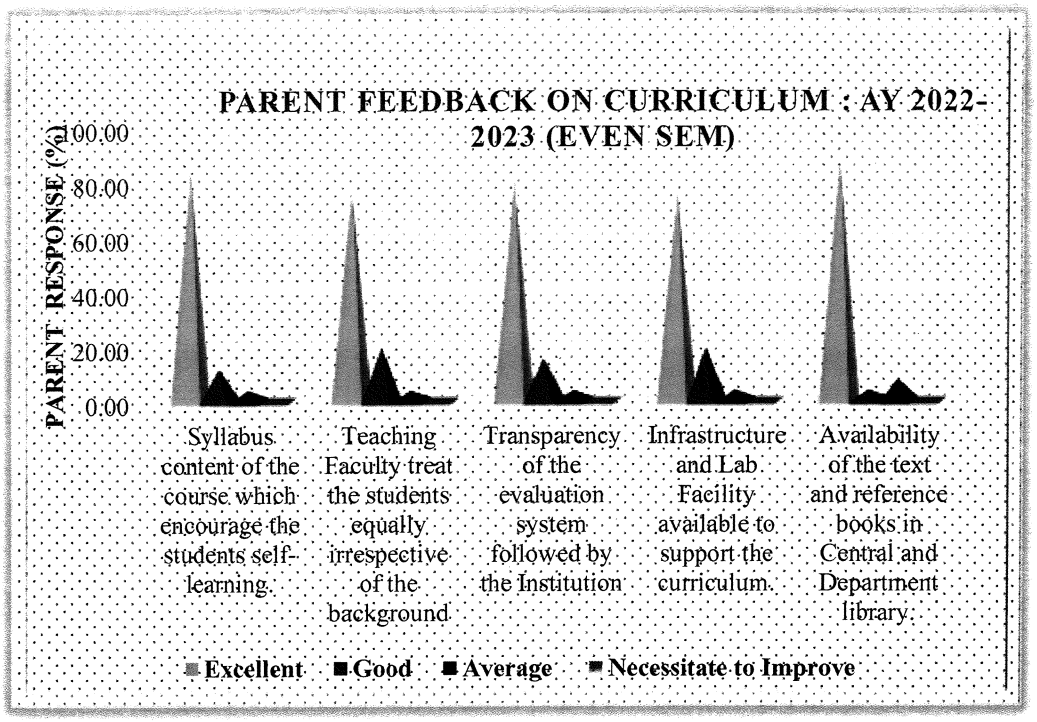

Fig.1. Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was well-regarded for encouraging self-learning, with 84.62% of respondents rating it as "Excellent" and 11.54% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was praised for treating students equally, irrespective of their background, with 76.92% of respondents considering it "Excellent" and 19.23% as "Good."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 80.77% of respondents rating it as "Excellent" and 15.38% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 76.92% of respondents considering it "Excellent," 19.23% as "Good," and 3.85% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 84.46% of respondents rated it as "Excellent," 3.85% as "Good," and 7.69% as "Average."

Suggestions:

- Identify the subjects or topics where there is a lack of adequate study materials.
- Collaborate with online libraries and databases to expand access to relevant academic resources.

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Dean (Academics)
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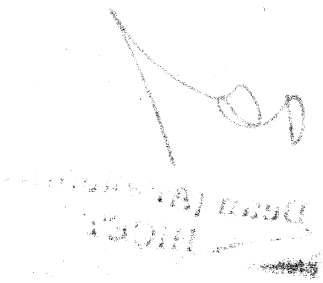

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	14	3	1		18
2.	Implementation of Outcome Based Education	15	2	1		18
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	13	3	2		18
4.	Offered Courses related to Industry/employability	14	4	0		18
5.	Competencies/outcomes in relation to the course content	15	2	1		18
6.	Tools used for designing the experiments in terms of existing practices in the industries	15	3	0		18
7.	Curriculum offers a range of professional and open electives/value-added courses	15	2	1		18
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	16	2	0		18

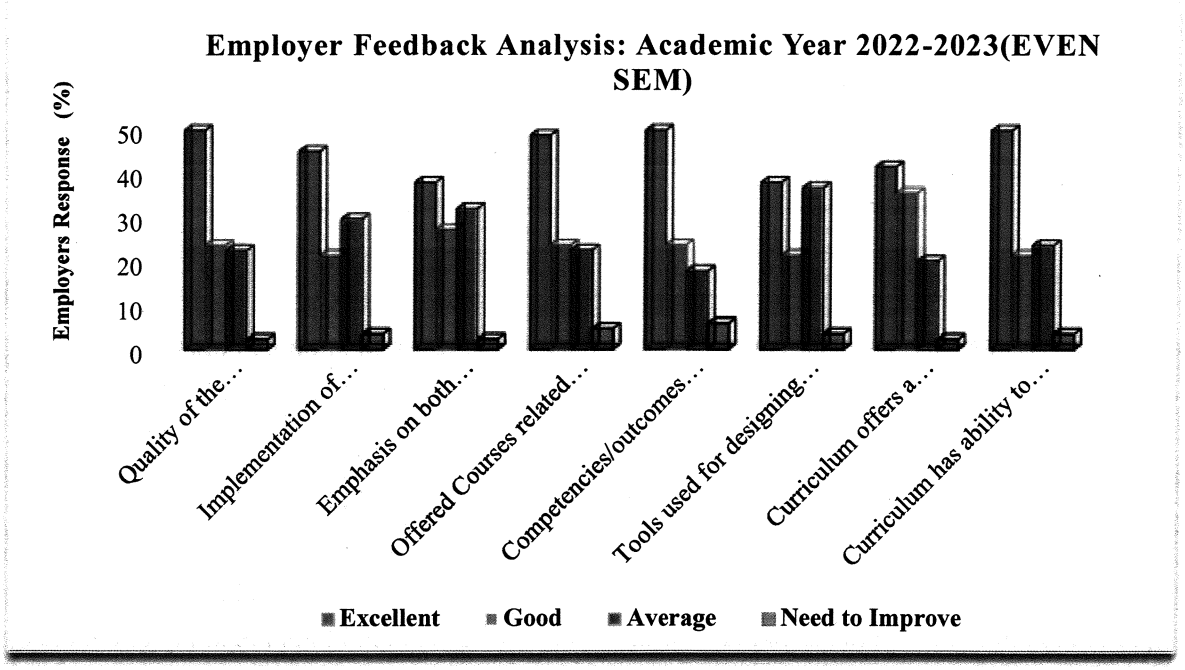

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly regarded, with 77.78% of respondents rating it as "Excellent" and 16.67% as "Good."
- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with 83.33% of respondents considering it "Excellent" and 11.11% as "Good."
- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with 72.22% of respondents considering it "Excellent" and 16.67% as "Good."
- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, with 78.78% of respondents rating it as "Excellent," 22.22% as "Good,".
- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 83.33% of respondents rating it as "Excellent," 11.1.% as "Good," and 5.56% as "Average."

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 83.33% of respondents considering it "Excellent" and 16.67% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 83.33% of respondents rating it as "Excellent," 11.11% as "Good."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 89.89% of respondents considering it "Excellent" and 11.11% as "Good."

Suggestions:

Dr Somasundaram P (Subject Expert):

✓ He suggested to add some electric vehicle embedded system-based courses.

Mr Manikandan G (Industry Expert):

✓ He has suggested to add the 'Flex-fuel engines' and 'Hydrogen fuel cells' technologies in alternate fuels-based courses.

✓ He has also recommended to showcase the recent and future skill requirements for automobile engineers.

Dr Bharathi Mohan M P (Subject Expert):

✓ He suggested to add 'battery maintenance' topic in electric and hybrid vehicles domain.

✓ Further, he suggested to extend the environmental science course to III semester students, since the lateral entry students are admitted only in that semester

✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.

✓ Add the design and analysis-based topics in the curriculum

✓ Entrepreneurial skills courses to be inculcated and motivated to do startup

✓ Life skill course can be given as an elective course.

✓ Tools related to design experiment must be added in the syllabus

✓ Industry relevant value added course can be included.

✓ Include can study based lab experiment to enhance the programming skill among the students.

✓ More number of skills oriented training programs to be conducted every year.

✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
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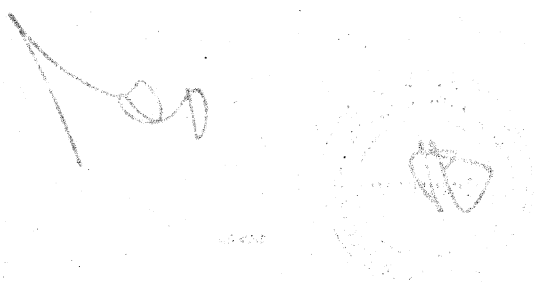

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Automobile Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	34	17	3	0	54
2.	Regulations and Scheme of Examination	36	15	3	0	54
3.	Semester-wise course content	37	12	5	0	54
4.	Content Delivery, Methodology & Learning Resources	39	12	3	0	54
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	37	15	2	0	54
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	35	14	5	0	54
7.	Availability of library resources supports Text and Reference Books suggested to study	32	18	4	0	54

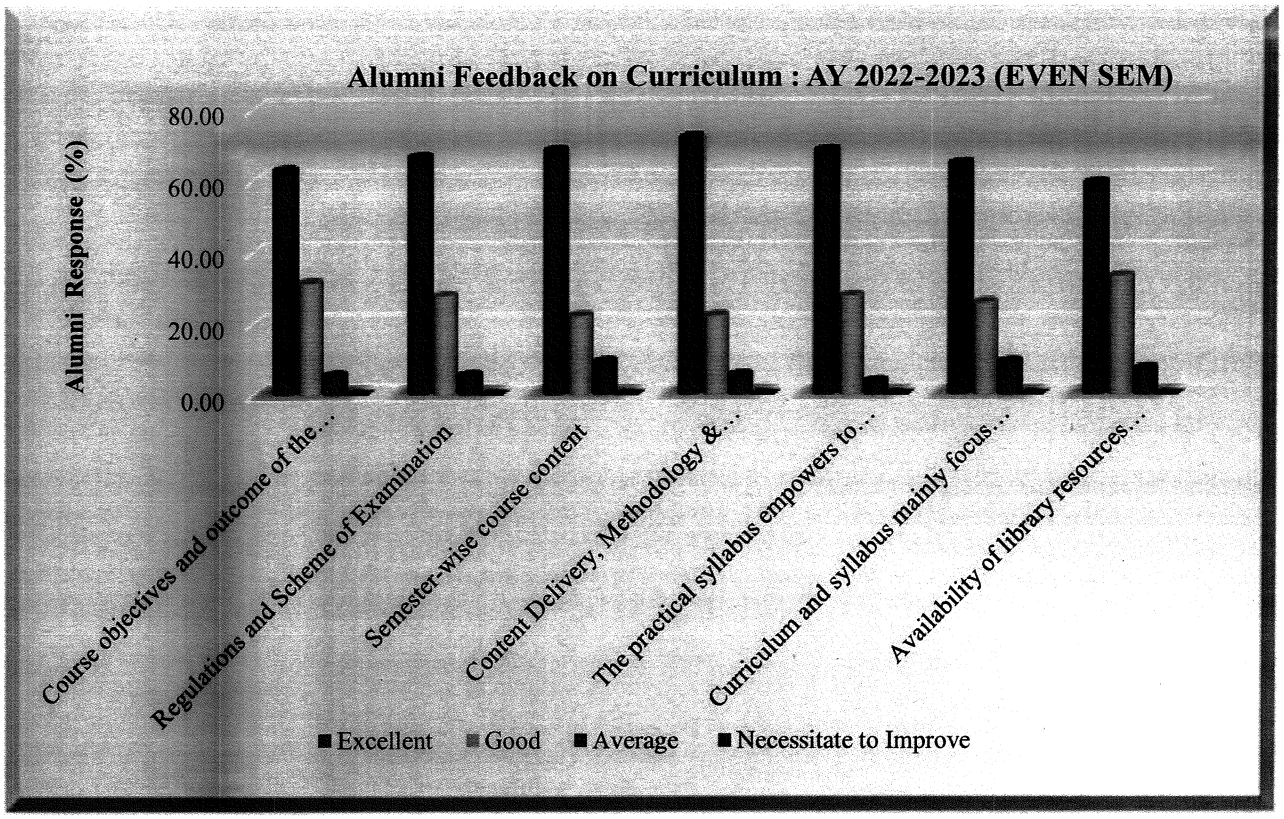

Fig.1. Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Course Objectives and Outcome Definition: The course objectives and outcome of the syllabus were defined clearly, with 62.69% of respondents considering it "Excellent" and 31.48% as "Good."
- Regulations and Scheme of Examination: The regulations and scheme of examination were well-regarded, with 66.67% of respondents rating it as "Excellent," 27.78% as "Good," and 5.56% as "Average."
- Semester-wise Course Content: The semester-wise course content was rated positively, with 68.52% of respondents considering it "Excellent" and 22.22% as "Good."
- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources received mixed feedback, with 72.22% of respondents rating it as "Excellent," 22.22% as "Good," and 5.66% as "Average."
- Empowerment through Practical Syllabus: The practical syllabus was seen to empower students to develop experimental, design, problem-solving, and analysis skills, with 68.52% of respondents considering it "Excellent," 27.78% as "Good," and 3.70% as "Average."

- Focus on Industry Readiness and Self-learning: The curriculum and syllabus were praised for mainly focusing on making students industry-ready, encouraging participation in various events, promoting self-learning, and fostering innovation and entrepreneurship. 64.81% of respondents rated it as "Excellent," 25.93% as "Good," and 9.26% as "Average."
- Availability of Library Resources: The availability of library resources supporting text and reference books suggested for the study was rated positively, with 59.26% of respondents considering it "Excellent," 33.33% as "Good," and 7.41% as "Average."

Suggestions:

- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- To enhance the learning experience, invest in the latest educational technologies and digital resources.

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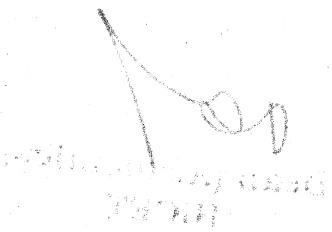

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF BIOMEDICAL ENGINEERING

B.E- Biomedical Engineering

STUDENT FEED BACK ANALYSIS

2022-2023 [EVEN]

B.E-Biomedical Engineering

Student Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented.	24	26	13	2	65
2.	Course objective & course outcomes are achieved in the syllabus.	20	20	25		65
3.	Professional and open Electives offered are supportive to the core papers.	26	22	17		65
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	23	31	5	6	65
5.	Profundity of the course content in the syllabus.	32	12	21		65
6.	Exact Sequence of the courses provided in the curriculum	18	32	10	5	65
7.	Syllabus coverage in class by the teaching faculty	41	15	9		65
8.	Faculty Encouragement in learning process	35	16	14		65
9.	Teaching and learning process enables clear understanding of the course content.	22	28	14	1	65
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	23	12	22	8	65
11.	Availability of library resources in central and departmental library.	35	20	10		65
12.	Reliability of Assessment and Evaluation Process.	22	20	21	2	65
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	12	25	28		65
14.	Curriculum has ability to develop Entrepreneurship and Employability.	14	22	29		65

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	37	40	20	3	100
2.	Electives offered are supportive to the core papers	31	31	38	0	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	40	34	26	0	100
4.	Representation from experts (in BoS helps to design and update syllabus	35	48	8	9.23076923	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	49	18	32	0	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	28	49	15	7.7	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	63	23	14	0	100
8.	Our training and placement courses for the curriculum makes students industry ready	54	25	22	0	100
9.	OBE attainment of your course/ programme	34	43	22	1.5	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	35	18	34	12.3	100
11.	Availability of library resources	54	31	15	0	100
12.	Learning opportunities for your career advancement in the institution	34	31	32	3	100

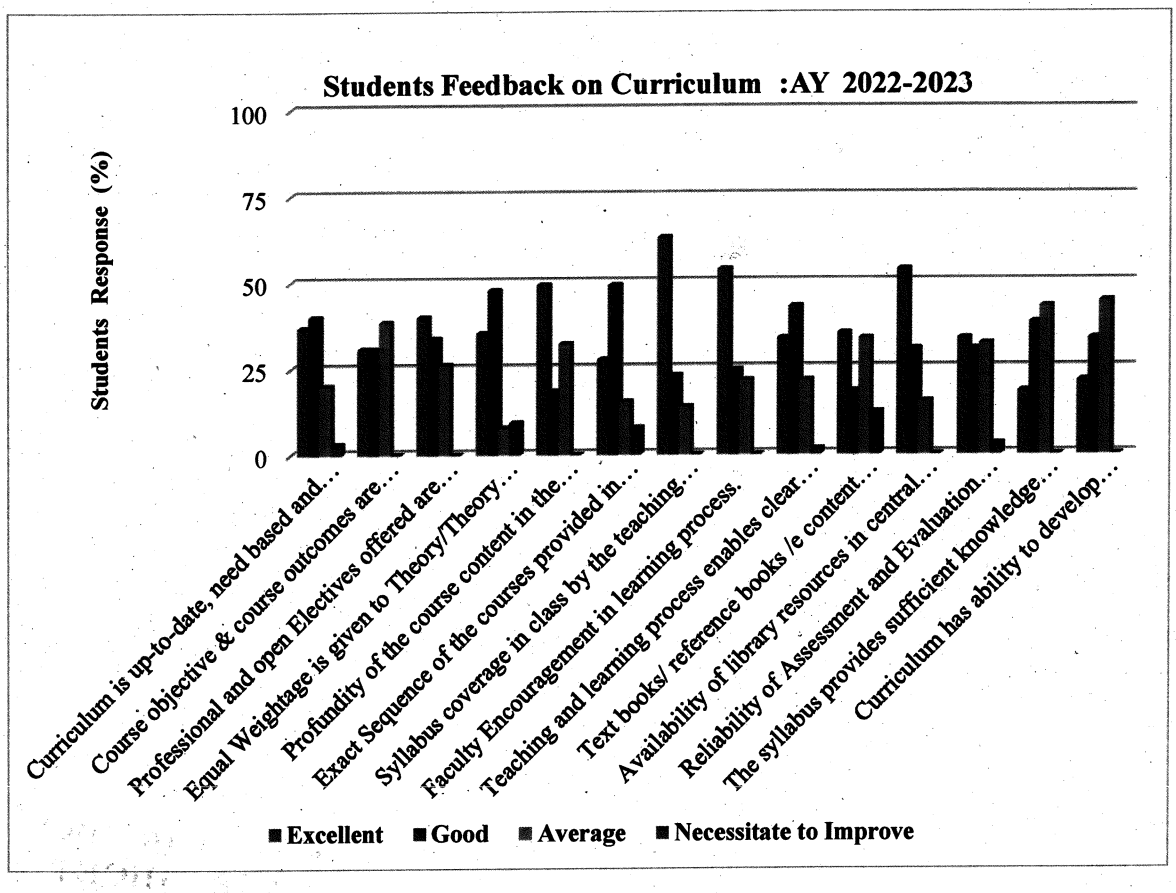

Fig.1.Student Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 37 % as excellent.
- "Electives offered are supportive to the core papers" scored 31%, and 31% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 40%, and 34% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 35 % as excellent.

- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 49 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 18% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 28%, and 49% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 63% as excellent.
- "OBE attainment of your course/ programme" scored 54 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 34 % as excellent.
- "Availability of library resources" scored 35%, and 18% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 54 % as excellent.

Chairman BoS
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Coimbatore 641 032

DEPARTMENT OF BIOMEDICAL ENGINEERING

B.E- Biomedical Engineering

ALUMNI FEED BACK ANALYSIS[EVEN]

2022-2023

B.E-Biomedical Engineering

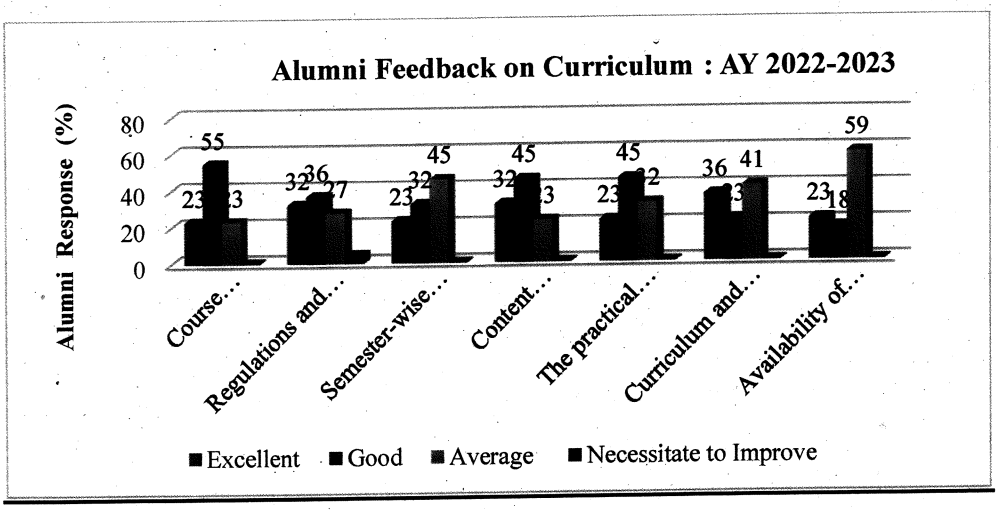
Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	5	12	5		22
2.	Regulations and Scheme of Examination	7	8	6	1	22
3.	Semester-wise course content	5	7	10		22
4.	Content Delivery, Methodology & Learning Resources	7	10	5		22
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	5	10	7		22
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	8	5	9		22
7.	Availability of library resources supports Text and Reference Books suggested to study	5	4	13		22

Analysis

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	23	55	23	0	100
2.	Regulations and Scheme of Examination	32	36	27	5	100
3.	Semester-wise course content	23	32	45	0	100
4.	Content Delivery, Methodology & Learning Resources	32	45	23	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	23	45	32	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	36	23	41	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	23	18	59	0	100



REPORT

The faculty response to feedback on the curriculum was given below

Course objectives and outcome of the syllabus are clearly defined and suggested that 23% and 55%.

Regulations and Scheme of Examination 32% excellent and 36 % good.

Semester-wise course content 23% excellent and 32 % good.

Content Delivery, Methodology & Learning Resources 32% excellent and 45 % good.

The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 23% excellent and 45 % good.

Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 36% excellent and 23% good.

Availability of library resources supports Text and Reference Books suggested to study 23% excellent and 18% good.

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG. & T. ★ Chairman

Chairman BoS
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Dean (Academics)
HiCET

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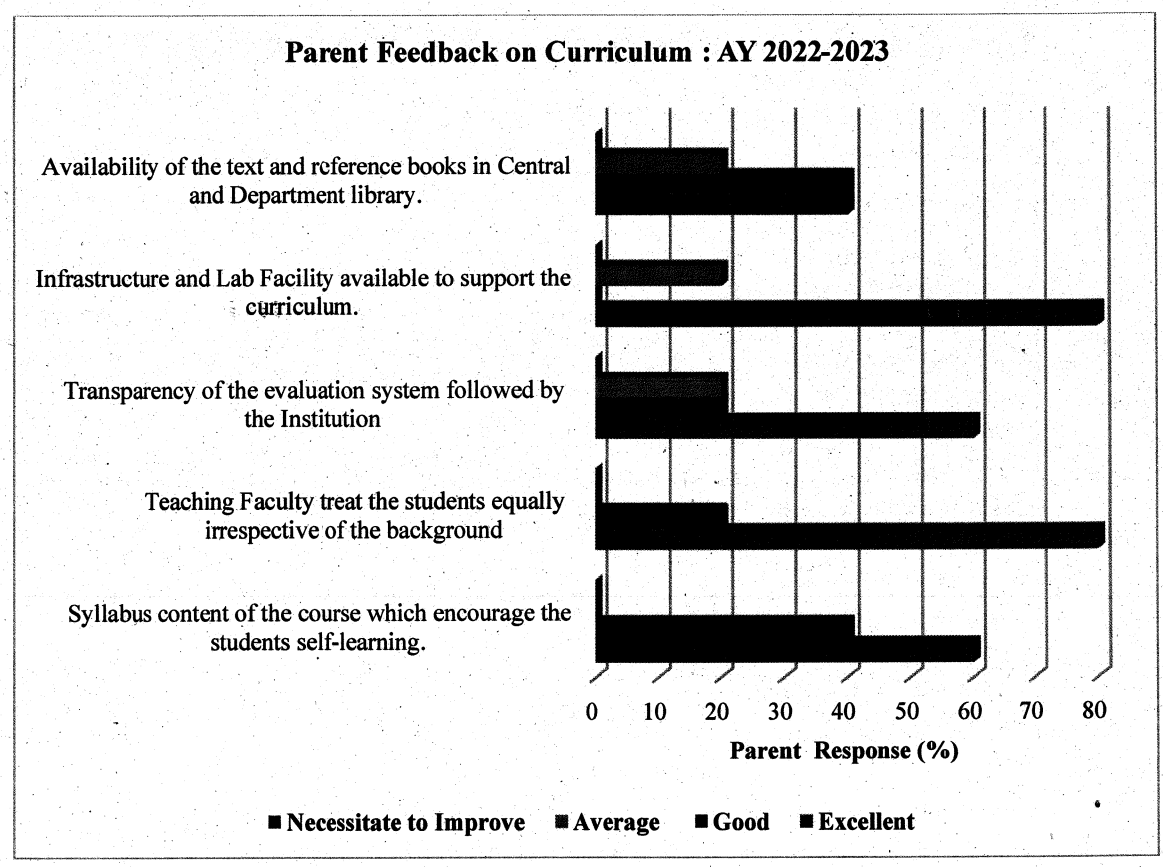
Coimbatore 641 032

DEPARTMENT OF BIOMEDICAL ENGINEERING

B.E- Biomedical Engineering

PARENT FEED BACK ANALYSIS [EVEN]

3.	Transparency of the evaluation system followed by the Institution	60	20	20	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	80	0	20	0	100
5.	Availability of the text and reference books in Central and Department library.	40	40	20	0	100



REPORT
The faculty response to feedback on the curriculum was given below

Syllabus content of the course which encourage the students self-learning in which 60% suggested as excellent and 40% good.

Teaching Faculty treat the students equally irrespective of the background 80% suggested as excellent and 20% good.

Transparency of the evaluation system followed by the Institution 60% suggested as excellent and 20% good.

Infrastructure and Lab Facility available to support the curriculum 80% suggested as excellent .

Availability of the text and reference books in Central and Department library 40% suggested as excellent and 40% good.

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DEPARTMENT OF BIOMEDICAL ENGINEERING

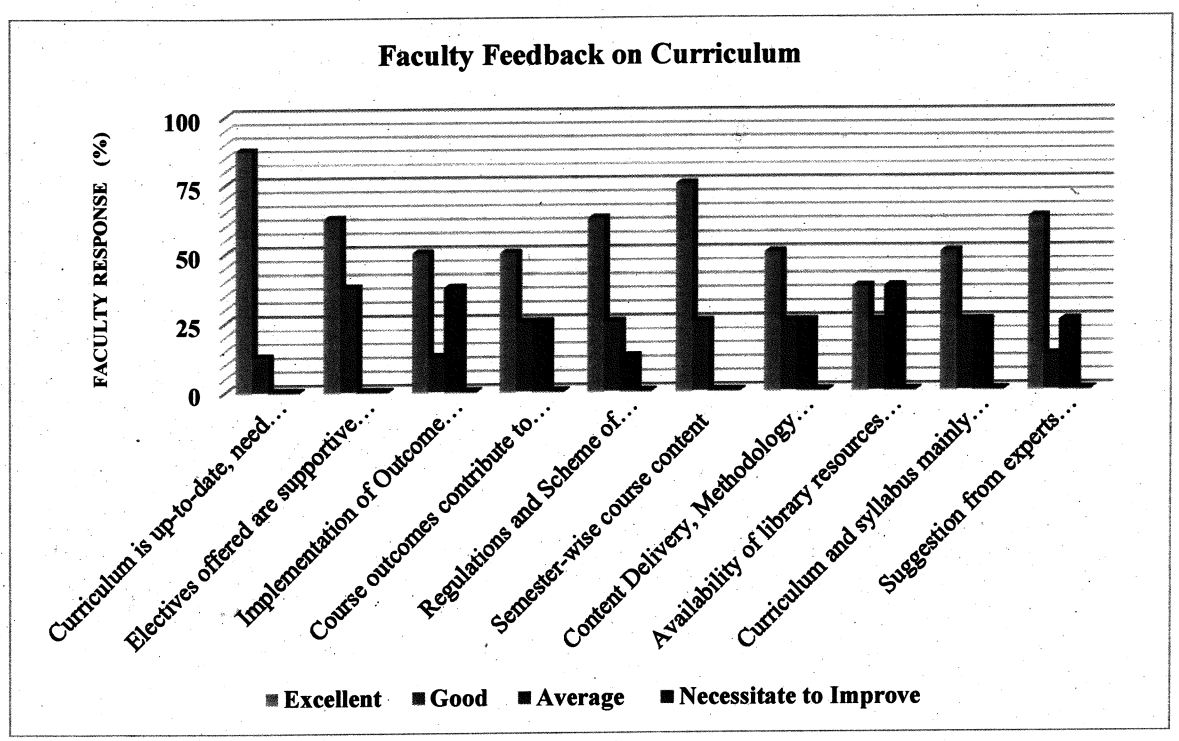
B.E- Biomedical Engineering

FACULTY FEED BACK ANALYSIS [EVEN]

2022-2023

ANALYSIS

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	87.5	12.5	0	0	100
2.	Electives offered are supportive to the core papers	62.5	37.5	0	0	100
3.	Implementation of Outcome Based Education	50	12.5	37.5	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	50	25	25	0	100
5.	Regulations and Scheme of Examination	62.5	25	12.5	0	100
6.	Semester-wise course content	75	25	0	0	100
7.	Content Delivery, Methodology and Learning Resources	50	25	25	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	37.5	25	37.5	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	50	25	25	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	62.5	12.5	25	0	100



REPORT

The faculty response to feedback on the curriculum was given below

- Curriculum is up-to-date, need based and application oriented in this they have suggested 87.5% excellent and 12.5% good.
- Electives offered are supportive to the core papers in this they have suggested 62.5% excellent and 37.5% good.
- Implementation of Outcome Based Education in this they have suggested 50% excellent and 12.5% good.
- Course outcomes contribute to the fulfilment of program outcomes (PO) in this they have suggested 50% excellent 25% good.
- Regulations and Scheme of Examination in this they have suggested 62.5% excellent and 25% good.
- Semester-wise course content in this they have suggested 75% excellent and 25% good.
- Content Delivery, Methodology and Learning Resources in this they have suggested 50% excellent and 25% good.
- Availability of library resources supports Text and Reference Books in this they have suggested 37.5% excellent and 25% good.

- suggested to study Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship in this they have suggested 50% excellent and 25% good.
- Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus in this they have suggested 62.5% excellent and 12.5% good.

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DEPARTMENT OF BIOMEDICAL ENGINEERING

B.E- Biomedical Engineering

EMPLOYER FEED BACK ANALYSIS[EVEN]

2022-2023

B.E-Biomedical Engineering

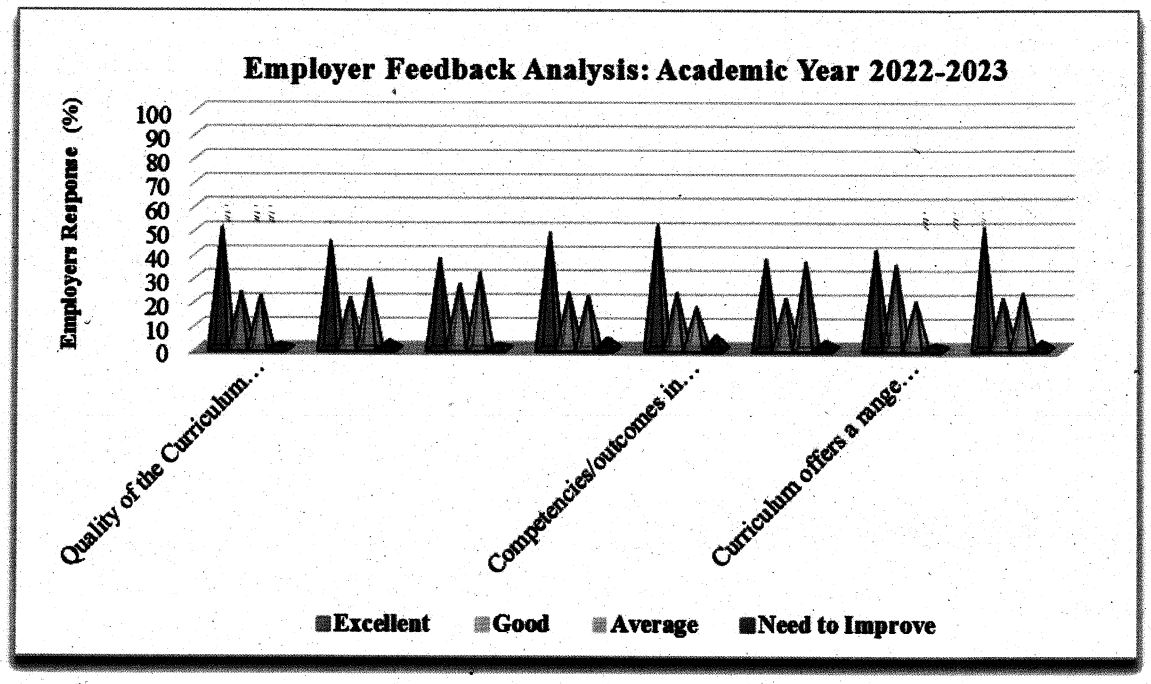
Employer Feedback on Curriculum: Academic Year 2022-2023

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employers Response					
1	Quality of the Curriculum & Syllabus	4	1	0	0	5
2	Implementation of Outcome Based Education	3	1	1	3	5
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	2	1	0	5
4	Offered Courses related to Industry/employability	4	1	0	0	5
5	Competencies/outcomes in relation to the course content	2	2	1	0	5
6	Tools used for designing the experiments in terms of existing practices in the industries	2	1	1	1	5
7	Curriculum offers a range of professional and open electives/value-added courses	1	2	1	1	5
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	2	2	1	0	5

ANALYSIS

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	80	20	0	0	100
2	Implementation of Outcome Based Education	60	20	20	60	160
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	40	40	20	0	100
4	Offered Courses related to Industry/employability	80	20	0	0	100

5	Competencies/outcomes in relation to the course content	40	40	20	0	100
6	Tools used for designing the experiments in terms of existing practices in the industries	40	20	20	20	100
7	Curriculum offers a range of professional and open electives/value-added courses	20	40	20	20	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	40	40	20	0	100



REPORT

The faculty response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus the employers suggested as 80% excellent and 20% good.
- Implementation of Outcome Based Education the employers suggested as 60% excellent and 20% good.

- Emphasis on both fundamentals as well as latest Technologies in Curriculum the employers suggested as 80% excellent and 20% good.
- Offered Courses related to Industry/employability the employers suggested as 80% excellent and 20% good.
- Competencies/outcomes in relation to the course content the employers suggested as 80% excellent and 20% good.
- Tools used for designing the experiments in terms of existing practices in the industries the employers suggested as 80% excellent and 20% good.
- Curriculum offers a range of professional and open electives/value-added courses the employers suggested as 80% excellent and 20% good.
- Curriculum has ability to develop entrepreneurship/inventing new ideology the employers suggested as 80% excellent and 20% good.

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DEPARTMENT OF BIOMEDICAL ENGINEERING

B.E- Biomedical Engineering

ACADEMIC EXPERT FEED BACK ANALYSIS [EVEN]

2022-2023

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	1	1	2	2	6
	Implementation of Outcome Based Education	1	2	2	1	6
3.	Quality of PEOs, POs and COs	1	2	2	1	6
4.	Regulations and Scheme of Examination	1	2	2	1	6
5.	Semester-wise course content	1	0	3	2	6
6.	Content Delivery, Methodology and Learning Resources	2	3	0	1	6
7.	Text and reference books proposed for study	3	1	0	2	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	2	3	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	4	0	1	1	6
10.	Panel of Examiners	1	2	2	1	6

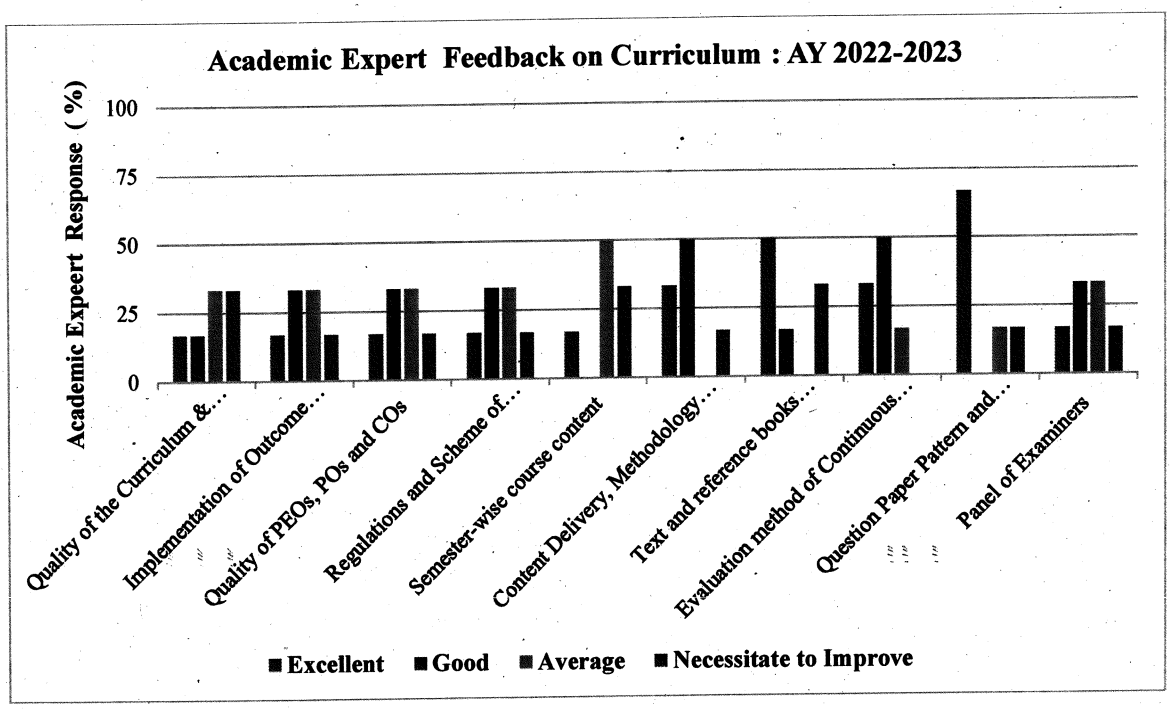
S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	1	1	2	2	6
	Implementation of Outcome Based Education	1	2	2	1	6
3.	Quality of PEOs, POs and COs	1	2	2	1	6
4.	Regulations and Scheme of Examination	1	2	2	1	6
5.	Semester-wise course content	1	0	3	2	6
6.	Content Delivery, Methodology and Learning Resources	2	3	0	1	6
7.	Text and reference books proposed for study	3	1	0	2	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	2	3	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	4	0	1	1	6
10.	Panel of Examiners	1	2	2	1	6

REPORT

The faculty response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus suggested as 40% excellent and 50% good.
- Implementation of Outcome Based Education suggested as 50% excellent and 20% good.
- Quality of PEOs, POs and COs suggested as 80% excellent and 20% good.
- Regulations and Scheme of Examination suggested as 60% excellent and 20% good.

- Semester-wise course content suggested as 50% excellent and 20% good.
- Content Delivery, Methodology and Learning Resources suggested as 40% excellent and 20% good.
- Text and reference books proposed for study suggested as 50% excellent and 20% good.



Chairman BoS
BME - HiCET

HINDUSTHAN COLLEGE OF ACADEMIC COUNCIL Chairman

Dean (Academics)
HiCET

DEPARTMENT OF CIVIL ENGINEERING

ALUMNI FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

ALUMNI FEEDBACK ANALYSIS

B.E (CivilEngineering)

2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessit ate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	47	6	1	0	54
2.	Regulations and Scheme of Examination	46	6	2	0	54
3.	Semester-wise course content	47	5	2	0	54
4.	Content Delivery, Methodology & Learning Resources	44	9	1	0	54
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	45	7	2	0	54
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Worksh ops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	44	8	2	0	54
7.	Availability of library resources supports Text and Reference Books suggested to study	47	6	1	0	54

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	87.04	11.11	1.85	0.00	100
2.	Regulations and Scheme of Examination	85.19	11.11	3.70	0.00	100
3.	Semester-wise course content	87.04	9.26	3.70	0.00	100
4.	Content Delivery, Methodology & Learning Resources	81.48	16.67	1.85	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	83.33	12.96	3.70	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Worksh ops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	81.48	14.81	3.70	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	87.04	11.11	1.85	0.00	100

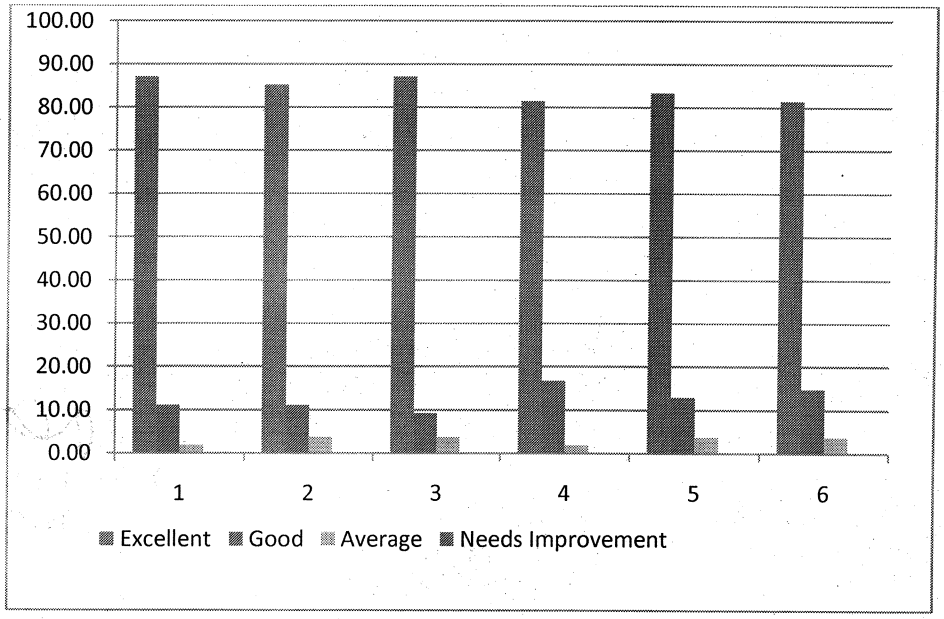


Fig.1.Alumni Feedback on Curriculum

Report:

The Alumni's response to feedback on the curriculum was given below:

- Course objectives and outcome of the syllabus are clearly defined" scored 87.04%, 11.11%, and 1.85% as excellent, good, and average respectively.
- Regulations and Scheme of Examination" scored 85.19%, 11.11%, and 3.70% as excellent, good, and average respectively.
- Semester-wise course content" scored 87.04%, 9.26%, and 3.70% as excellent, good, and average respectively.
- Content Delivery, Methodology & Learning Resources" scored 81.48%, 12.96%, and 3.70% as excellent, good, and average respectively.
- The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 83.33%, 12.96%, and 3.70% as excellent, good, and average respectively.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 81.48%, 14.81%, and 3.70% as excellent, good, and average respectively.

- Availability of library resources supports Text and Reference Books suggested to study " scored 87.04%, 11.11%, and 1.85% as excellent, good, and average respectively.

Chairman - BoS
CIVIL - HiCET

HINDUSTHAN ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG. & TECH.

Dean (Academics)
HiCET

DEPARTMENT OF CIVIL ENGINEERING

PARENTS FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

PARENTS FEEDBACK ANALYSIS

B.E (Civil Engineering)

2022-2023

Table.1. Consolidated Parent's Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	40	14	6	0	60
2.	Teaching Faculty treat the students equally irrespective of the background	40	18	2	0	60
3.	Transparency of the evaluation system followed by the Institution	41	15	4	0	60
4.	Infrastructure and Lab Facility available to support the curriculum.	33	20	7	0	60
5.	Availability of the text and reference books in Central and Department library.	41	15	4	0	60

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	66.67	23.33	10.00	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	66.67	30.00	3.33	0	100
3.	Transparency of the evaluation system followed by the Institution	68.33	25.00	6.67	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	55.00	33.33	11.67	0	100
5.	Availability of the text and reference books in Central and Department library.	68.33	25.00	6.67	0	100

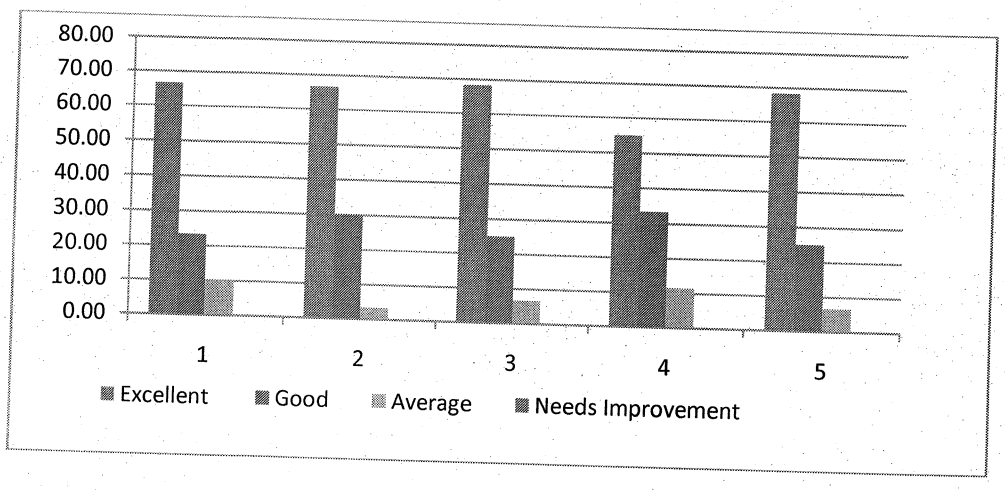


Fig.1.Parent's Feedback on Curriculum

REPORT

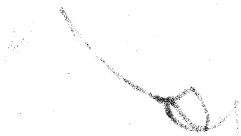
The parent's response to feedback on the curriculum was given:

- Syllabus content of the course which encourage the students self-learning" scored 66.67%, 23%, and 110% as excellent, good, and average respectively.
- Teaching Faculty treat the students equally irrespective of the background" scored6.672%, 30%, and 3% as excellent, good, and average respectively.
- Transparency of the evaluation system followed by the Institution" scored 68.33%, 25%, and 6.67% as excellent, good, and average respectively.
- Infrastructure and Lab Facility available to support the curriculum" scored 55%, 33.33%, and 11.67% as excellent, good, and average respectively.
- Availability of the text and reference books in Central and Department library" scored 68.33%, 25%, and 6.67% as excellent, good, and average respectively.

Chairman - BoS
CIVIL - HiCET

HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY ACADEMIC Chairman

Dean (Academics)
HiCET



DEPARTMENT OF CIVIL ENGINEERING

STUDENTS FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVILENGINEERING

STUDENTS FEEDBACK ANALYSIS

B.E (Civil Engineering)

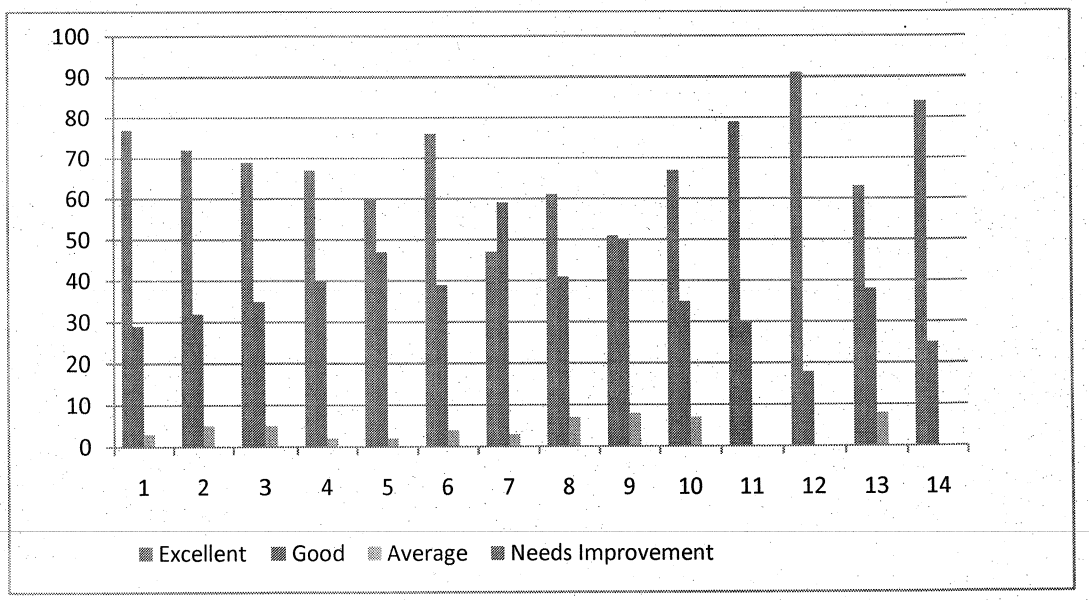
2022-2023

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	77	29	3	0	109
2.	Course objective & course outcomes are achieved in the syllabus.	72	32	5	0	109
3.	Professional and open Electives offered are supportive to the core papers.	69	35	5	0	109
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	67	40	2	0	109
5.	Profundity of the course content in the syllabus.	60	47	2	0	109
6.	Exact Sequence of the courses provided in the curriculum	76	39	4	0	119
7.	Syllabus coverage in class by the teaching faculty	47	59	3	0	109
8.	Faculty Encouragement in learning process	61	41	7	0	109
9.	Teaching and learning process enables clear understanding of the course content.	51	50	8	0	109
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	67	35	7	0	109
11.	Availability of library resources in central and departmental library.	79	30	0	0	109

12.	Reliability of Assessment and Evaluation Process.	91	18	0	0	109
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	63	38	8	0	109
14.	Curriculum has ability to develop Entrepreneurship and Employability.	84	25	0	0	109

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	70.64	26.61	2.75	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	66.06	29.36	4.59	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	63.30	32.11	4.59	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	61.47	36.70	1.83	0.00	100
5.	Profundity of the course content in the syllabus.	55.05	43.12	1.83	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	63.87	32.77	3.36	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	43.12	54.13	2.75	0.00	100
8.	Faculty Encouragement in learning process.	55.96	37.61	6.42	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	46.79	45.87	7.34	0.00	100

10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	61.47	32.11	6.42	0.00	100
11.	Availability of library resources in central and departmental library.	72.48	27.52	0.00	0.00	100
12.	Reliability of Assessment and Evaluation Process.	83.49	16.51	0.00	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	57.80	34.86	7.34	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	77.06	22.94	0.00	0.00	100



HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST

HICET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

NAAC SSR Cycle 2

Criterion I
Feedback System

REPORT

Curriculum is up-to-date, need based and application oriented

Course objective & course outcomes are achieved in the syllabus

Professional and open Electives offered are supportive to the core papers

Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content

Profundity of the course content in the syllabus

Exact Sequence of the courses provided in the curriculum

Syllabus coverage in class by the teaching faculty

Faculty Encouragement in learning process

Teaching and learning process enables clear understanding of the course content.

Text books/ reference books /e content recommended in the syllabus are relevant and updated.

Availability of library resources in central and departmental library.

Reliability of Assessment and Evaluation Process.

The syllabus provides sufficient knowledge & perspective in the respective branch.

Curriculum has ability to develop Entrepreneurship and Employability.

Chairman - BoS
CIVIL - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG. & TECH. * Chairman

Dean (Academics)
HiCET

DEPARTMENT OF CIVILENGINEERING

FACULTY FEEDBACK ANALYSIS

2022-2023

DEPARTMENT OF CIVIL ENGINEERING

FACULTY FEEDBACK ANALYSIS

B.E (Civil Engineering)

2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	14	1	0	0	15
2.	Electives offered are supportive to the core papers	13	2	0	0	15
3.	Implementation of Outcome Based Education	14	1	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	12	3	0	0	15
6.	Semester-wise course content	13	2	0	0	15
7.	Content Delivery, Methodology and Learning Resources	13	2	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	3	0	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15

10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	93.33	6.67	0.00	0.00	100
2.	Electives offered are supportive to the core papers	86.67	13.33	0.00	0.00	100
3.	Implementation of Outcome Based Education	93.33	6.67	0.00	0.00	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93.33	6.67	0.00	0.00	100
5.	Regulations and Scheme of Examination	80.00	20.00	0.00	0.00	100
6.	Semester-wise course content	86.67	13.33	0.00	0.00	100
7.	Content Delivery, Methodology and Learning Resources	86.67	13.33	0.00	0.00	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80.00	20.00	0.00	0.00	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80.00	20.00	0.00	0.00	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93.33	6.67	0.00	0.00	100

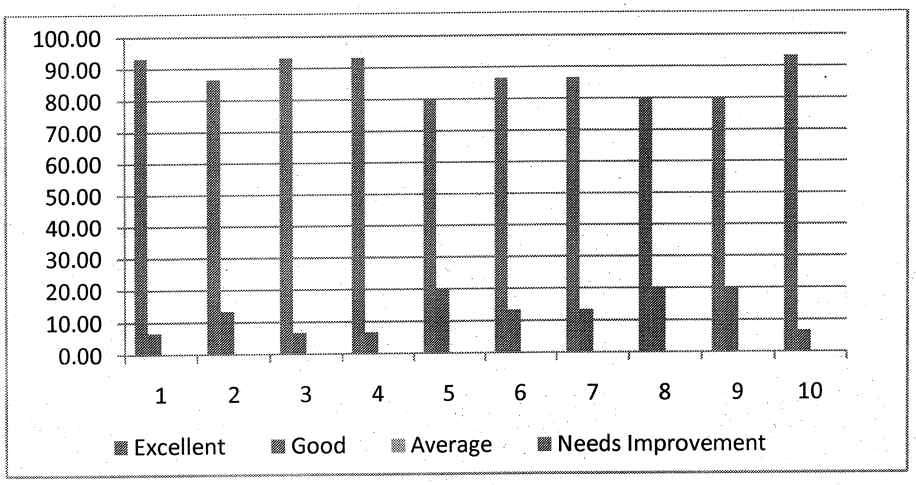


Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

- Curriculum is up-to-date, need based and application oriented" 93 % as excellent.
- Electives offered are supportive to the core papers" scored 86%, and 13% as excellent, and good respectively.
- Implementation of Outcome Based Education" scored 89%, and 6% as excellent, and good respectively.
- Course outcomes contribute to the fulfilment of program outcomes (PO)" 100 % as excellent.
- Regulations and Scheme of Examination" scored 80%, and 20% as excellent, and good respectively.
- Semester-wise course content" 86 % and 13% excellent, and good respectively.
- Content Delivery, Methodology and Learning Resources" 86 % and 13% excellent, and good respectively.
- Availability of library resources supports Text and Reference Books suggested to study" scored 80%, and 20% as excellent, and good respectively.
- Curriculum and syllabus mainly focus students on industry ready, creating

opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80%, and 20% as excellent, and good respectively.

- Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" 93%, and 6% as excellent, and good respectively.

Chairman - BoS
CIVIL - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG. & TECH. ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B. E Computer Science and Engineering
Student Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	39	16	3	2	60
2.	Course objective & course outcomes are achieved in the syllabus.	42	12	6	0	60
3.	Professional and open Electives offered are supportive to the core papers.	44	15	1	0	60
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	32	20	8	0	60
5.	Profundity of the course content in the syllabus.	36	14	6	4	60
6.	Exact Sequence of the courses provided in the curriculum	43	16	1	0	60
7.	Syllabus coverage in class by the teaching faculty	51	2	7	0	60
8.	Faculty Encouragement in learning process	53	3	3	1	60
9.	Teaching and learning process enables clear understanding of the course content.	49	4	5	2	60
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	41	13	4	2	60
11.	Availability of library resources in central and departmental library.	40	6	10	4	60
12.	Reliability of Assessment and Evaluation Process.	45	9	3	3	60

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	42	6	10	2	60
14.	Curriculum has ability to develop Entrepreneurship and Employability.	32	19	6	3	60

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	65	27	5	3	100
2.	Course objective & course outcomes are achieved in the syllabus.	70	20	10	0	100
3.	Professional and open Electives offered are supportive to the core papers.	73	25	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	53	33	14	0	100
5.	Profundity of the course content in the syllabus.	60	23	10	7	100
6.	Exact Sequence of the courses provided in the curriculum.	72	27	1	0	100
7.	Syllabus coverage in class by the teaching faculty.	85	3	12	0	100
8.	Faculty Encouragement in learning process.	88	5	5	2	100
9.	Teaching and learning process enables clear understanding of the course content.	82	7	8	3	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	68	22	7	3	100

11.	Availability of library resources in central and departmental library.	67	10	17	6	100
12.	Reliability of Assessment and Evaluation Process.	75	15	5	5	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	70	10	17	3	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	53	32	10	5	100

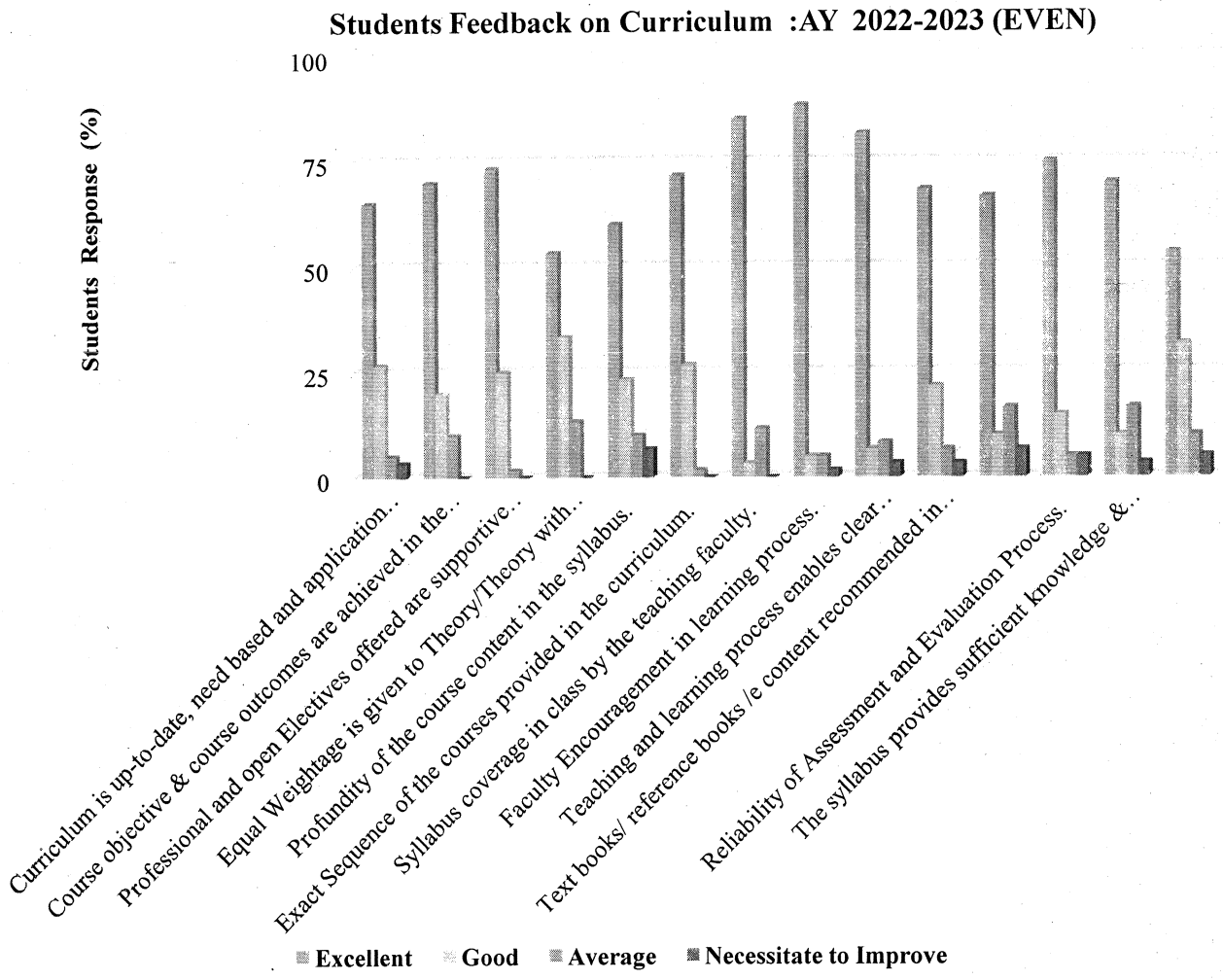


Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 65%, 27%, 5%, 3% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 70%, 20% and 10% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 73% as excellent, 25% as good and 2% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 53% as excellent, 33% as good and 14% as average.
5. Profundity of the course content in the syllabus scored 60%, 23%, 10% and 7% as Excellent, good, average and necessity to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 72%, 27% and 1% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 85%, 3% and 12% as Excellent, good and average respectively.
8. Faculty Encouragement in learning process scored 88% as excellent, 5% as good, 5% as average and 2% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 82% as excellent, 7% as good, 8% as average and 3% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 68% as excellent, 22% as good, 7% as average and 3% as necessity to improve.
11. Availability of library resources in central and departmental library scored 67% as excellent, 10% as good, 17% as average and 6% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 75% as excellent, 15% as good, 5% as average and 5% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 70%, 10%, 17% and 3% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 53% as excellent, 32% as good, 10% as average and 5% as necessity to improve.

Chairman - BoS
CSE - HiCET

ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E – COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E –Computer Science and Engineering
Alumni Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	30	17	3	0	50
2.	Regulations and Scheme of Examination	32	10	8	0	50
3.	Semester-wise course content	30	14	6	0	50
4.	Content Delivery, Methodology & Learning Resources	30	12	8	0	50
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	31	13	6	0	50
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	33	9	8	0	50
7.	Availability of library resources supports Text and Reference Books suggested to study	30	14	6	0	50

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	60	34	6	0	100
2.	Regulations and Scheme of Examination	64	20	16	0	100
3.	Semester-wise course content	60	28	12	0	100
4.	Content Delivery, Methodology & Learning Resources	60	24	16	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	62	26	12	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	66	18	16	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	60	28	12	0	100

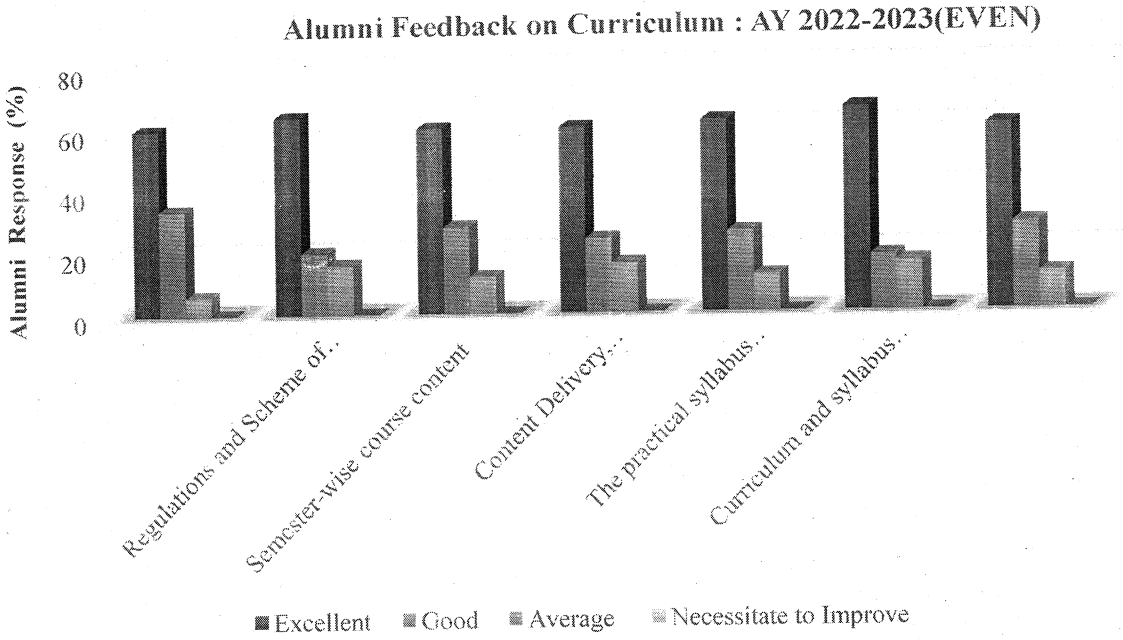


Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 60% as excellent, 34% as good and 6% as average.
2. Regulations and Scheme of Examination scored 64% as excellent, 20% as good and 16% as average.
3. Semester-wise course content scored 60%, 28%, 12% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 62%, 26%, 12% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 62% as excellent, 26% as good and 12% as average.
6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 66% as excellent, 18% as good and 16% as aver3age.
7. Availability of library resources supports Text and Reference Books suggested to study scored 60% as excellent, 28% as good and 12% as average.

Chairman - BoS
CSE - HiCET

ACADEMIC COUNCIL * Chairman * HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING
Parent Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	4	2	2	0	8
2.	Teaching Faculty treat the students equally irrespective of the background	4	3	1	0	8
3.	Transparency of the evaluation system followed by the Institution	5	2	1	0	8
4.	Infrastructure and Lab Facility available to support the curriculum.	4	3	1	0	8
5.	Availability of the text and reference books in Central and Department library.	4	2	2	0	8

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	50	25	25	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	50	37	13	0	100
3.	Transparency of the evaluation system followed by the Institution	63	25	12	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	50	38	13	0	100
5.	Availability of the text and reference books in Central and Department library.	50	25	25	0	100

Parent Feedback on Curriculum : AY 2022-2023 (EVEN)

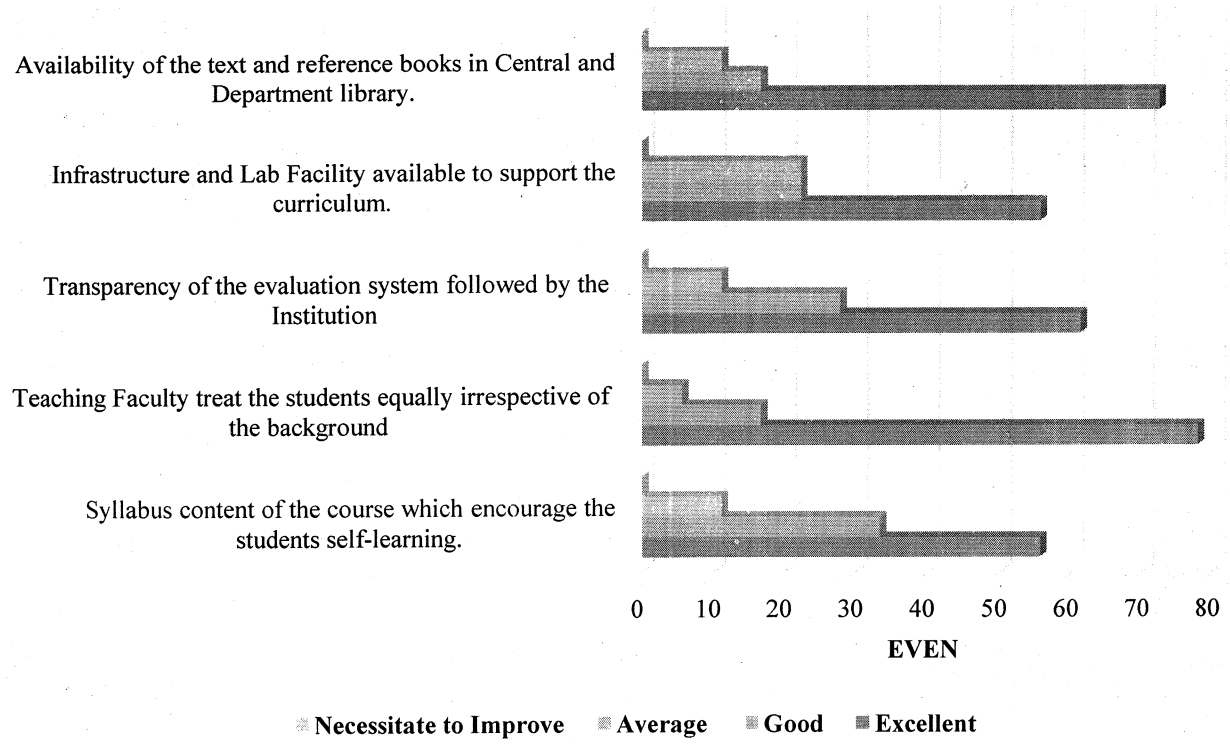


Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 50%, 25%, 25% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 50% as excellent, 38% as good and 13% as average.
3. Transparency of the evaluation system followed by the Institution scored 63%, 25%, 13% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 50% as excellent, 38% as good and 13% as average.
5. Availability of the text and reference books in Central and Department library scored 50%, 25%, 25% as excellent, good and average respectively.

Chairman - BoS
CSE - HiCET

ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING
Faculty Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	4	0	0	14
2.	Electives offered are supportive to the core papers	10	4	0	0	14
3.	Implementation of Outcome Based Education	12	2	0	0	14
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	11	2	1	0	14
5.	Regulations and Scheme of Examination	11	3	0	0	14
6.	Semester-wise course content	11	3	0	0	14
7.	Content Delivery, Methodology and Learning Resources	12	2	0	0	14
8.	Availability of library resources supports Text and Reference Books suggested to study	12	1	1	0	14
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	11	3	0	0	14
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	12	2	0	0	14

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	71	29	0	0	100
2.	Electives offered are supportive to the core papers	71	29	0	0	100
3.	Implementation of Outcome Based Education	86	14	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	79	14	7	0	100
5.	Regulations and Scheme of Examination	79	21	0	0	100
6.	Semester-wise course content	79	21	0	0	100
7.	Content Delivery, Methodology and Learning Resources	86	14	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	86	7	7	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	79	21	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	86	14	0	0	100

FACULTY FEEDBACK ON CURRICULUM AY 2022-2023 (EVEN)

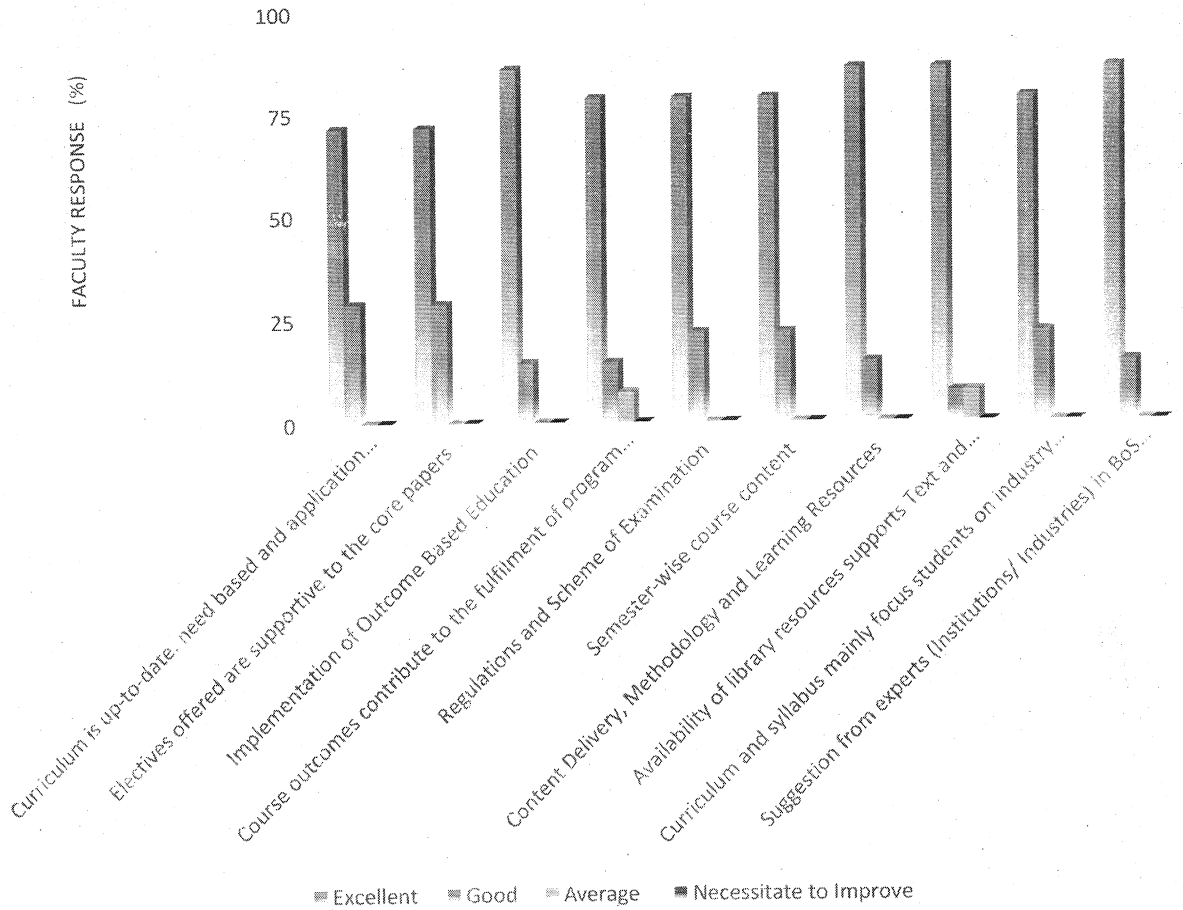


Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 71% as excellent and 29% as good.
2. "Electives offered are supportive to the core papers" scored 79% and 29% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 86% and 14% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 79% as excellent and 14% as good.

5. "Regulations and Scheme of Examination" scored 79% and 21% as excellent and good respectively.
6. "Semester-wise course content" scored 79% and 21% as excellent and good respectively.
7. "Content Delivery, Methodology and Learning Resources" scored 86% as excellent and 14% as good.
8. " Availability of library resources supports Text and Reference Books suggested to study" scored 86% as excellent and 14% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 79% and 21% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 86% as excellent and 14% as good.

Suggestions

- Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- Encourage faculty to attend hands-on training in AR / VR tools, Deep learning tools like Keras, Tensorflow,etc. to involve them in research activity.

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Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E COMPUTER SCIENCE AND ENGINEERING
Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	2	3	1	0	6
2.	Implementation of Outcome Based Education	2	2	1	1	6
3.	Quality of PEOs, POs and COs	3	2	1	1	7
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	2	1	0	6
6.	Content Delivery, Methodology and Learning Resources	2	2	2	0	6
7.	Text and reference books proposed for study	3	1	1	1	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	4	2	1	0	7
9.	Question Paper Pattern and Standard (Blooms Level)	4	1	1	0	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	33	50	17	0	100
2.	Implementation of Outcome Based Education	33	33	17	17	100
3.	Quality of PEOs, POs and COs	43	29	14	14	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	33	17	0	100
6.	Content Delivery, Methodology and Learning Resources	33	33	33	0	100
7.	Text and reference books proposed for study	50	17	17	17	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	57	29	14	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	67	17	17	0	100
10.	Panel of Examiners	50	33	17	0	100

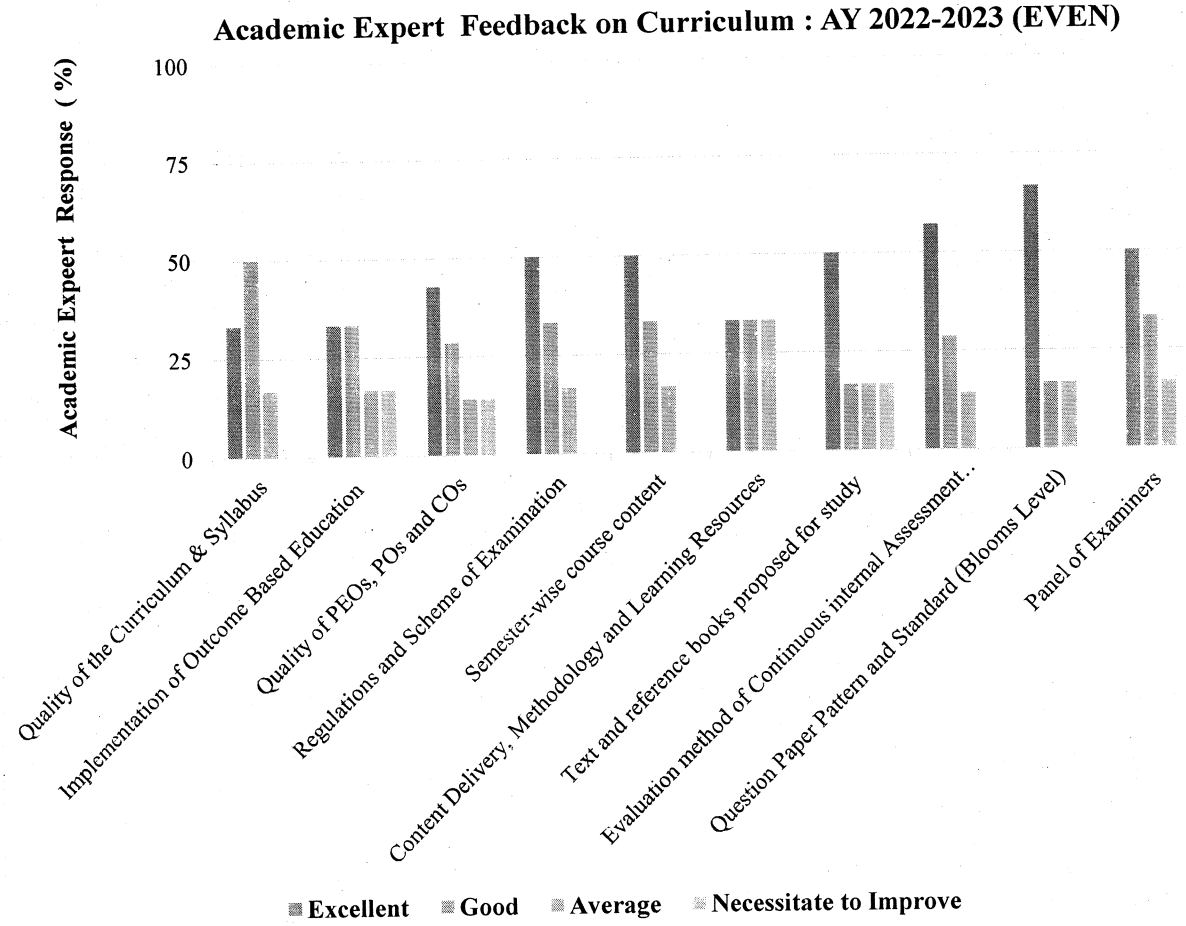

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 33%, 50%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 33% as excellent, 33% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 43%, 29%, 14% and 14% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 33%, 17% as excellent, good and average respectively.
6. Content Delivery, Methodology and Learning Resources scored 33% as excellent, 33% as good and 33% as average.

7. Text and reference books proposed for study scored 50%, 17%, 17% , 17% as excellent, good, average and Necessity to improve respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 57% as excellent, 29% as good and 14% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 67% as excellent, 17% as good and 17% as average.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions

- Suggested to include application oriented topics and new era technologies in the higher semester syllabus for R2022.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Suggested to include the courses whatever is required or mandatory for Artificial Intelligence and Machine Learning with minimum credits.
- Members suggested to ensure Smart Contracts and Solidity subjects to be incorporated for the students who study B.E Honours Degree in in Block Chain Domain.

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B.E COMPUTER SCIENCE AND ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.Tech – Information Technology
Employer Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	0	5
2.	Implementation of Outcome Based Education	3	1	1	0	5
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	1	1	1	5
4.	Offered Courses related to Industry/employability	2	2	1	0	5
5.	Competencies/outcomes in relation to the course content	3	1	1	0	5
6.	Tools used for designing the experiments in terms of existing practices in the industries	3	0	2	0	5
7.	Curriculum offers a range of professional and open electives/value-added courses	3	2	0	0	5
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	3	1	1	0	5

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	60	20	20	0	100
2.	Implementation of Outcome Based Education	60	20	20	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	40	20	20	20	100
4.	Offered Courses related to Industry/employability	40	40	20	0	100

5.	Competencies/outcomes in relation to the course content	60	20	20	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	60	0	40	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	60	40	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	60	20	20	0	100

EMPLOYER FEEDBACK ANALYSIS: ACADEMIC YEAR 2022-2023 (EVEN)

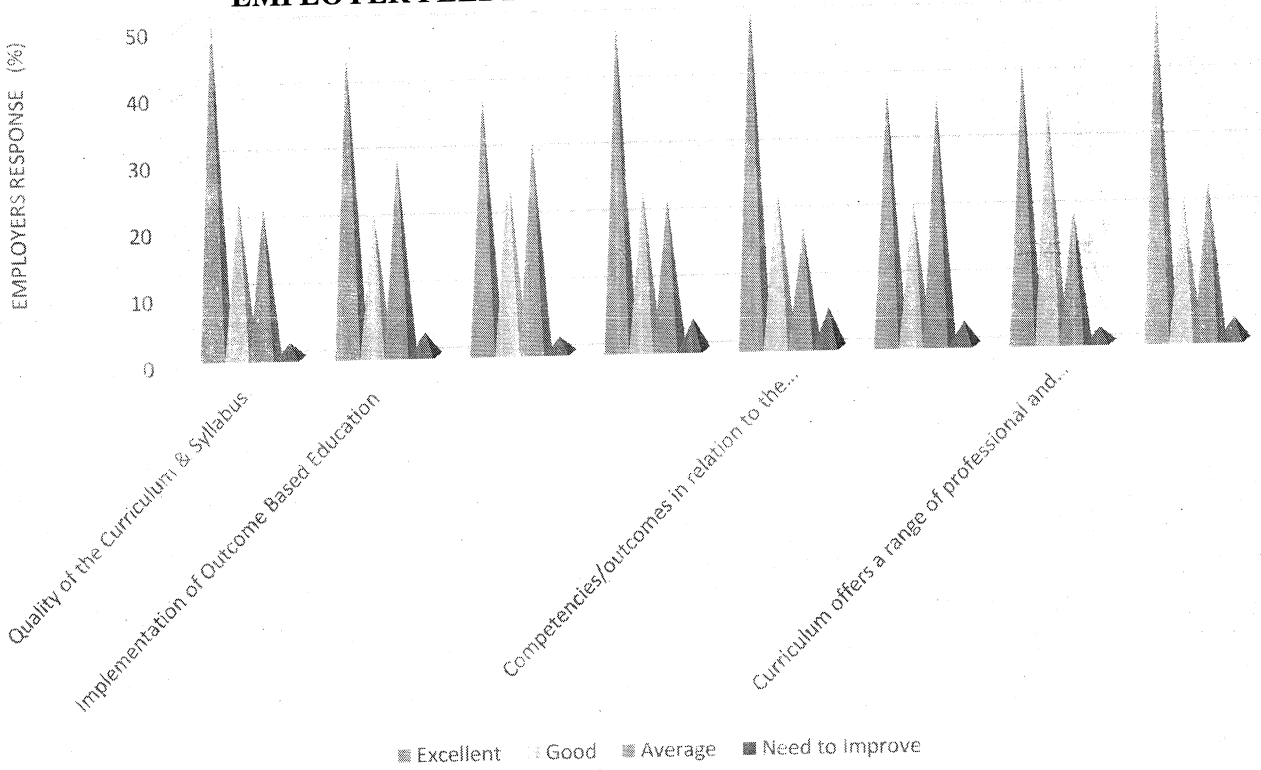

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 60%, 20%, 20% as excellent, good and average respectively.
2. Implementation of Outcome Based Education scored 60% as excellent, 20% as good and 20% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 40%, 20%, 20% and 20% as excellent, good, average and necessity to improve respectively.
4. Offered Courses related to Industry/employability scored 40%, 40% and 20% as excellent, good and average respectively.
5. Competencies/outcomes in relation to the course content scored 60% as excellent, 20% as good and 20% as necessity to improve.
6. Tools used for designing the experiments in terms of existing practices in the industries scored 60% as excellent, 40% as average.
7. Curriculum offers a range of professional and open electives/value-added courses scored 60% and 40% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 60% as excellent, 20% as good and 20% as average respectively.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ALUMNI FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	19	1	1	0	21
2.	Regulations and Scheme of Examination	21	0	0	0	21
3.	Semester-wise course content	20	1		0	21
4.	Content Delivery, Methodology & Learning Resources	19	2	0	0	21
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	20	1	0	0	21
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	19	2	0	0	21
7.	Availability of library resources supports Text and Reference Books suggested to study	18	2	1	0	21

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	90	5	5	0	100.00
2.	Regulations and Scheme of Examination	100	0	0	0	100.00
3.	Semester-wise course content	95	5	0	0	100.00
4.	Content Delivery, Methodology & Learning Resources	90	10	0	0	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	95	5	0	0	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	90	10	0	0	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	86	10	4	0	100.00

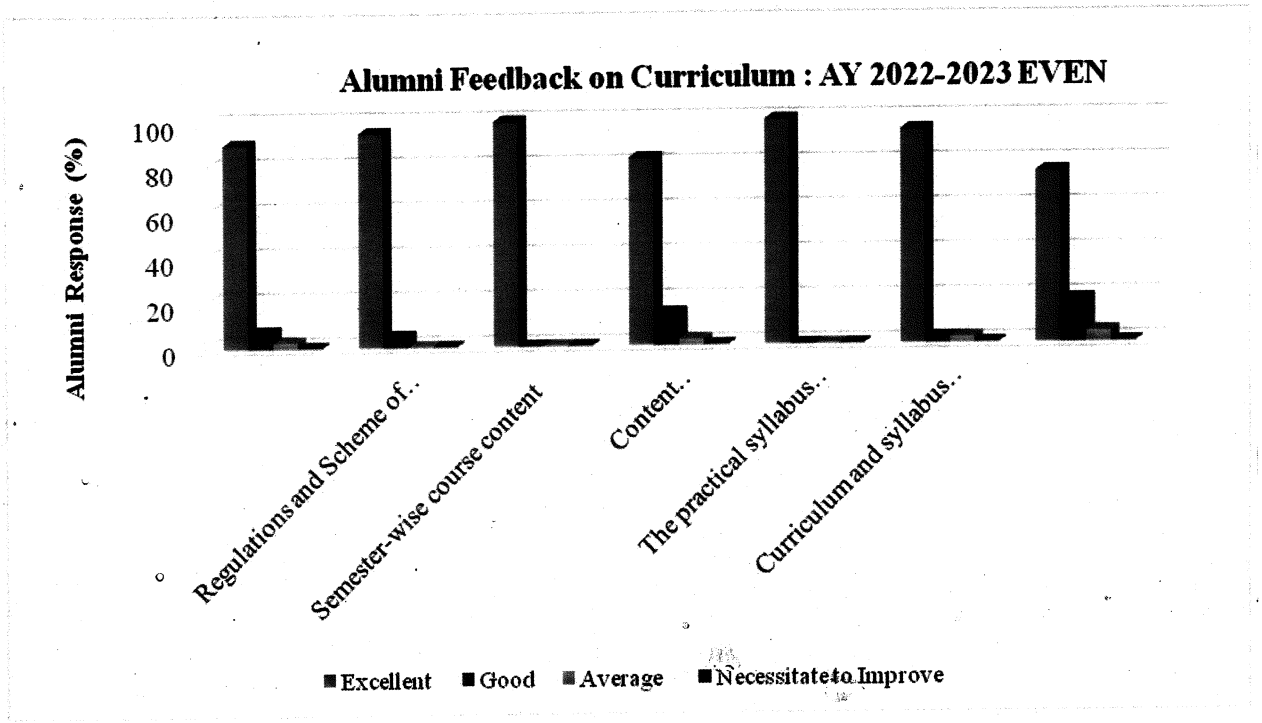

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 90% of Alumni are highly satisfied and 5% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination, 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content, 95 % of Alumni are highly satisfied, 5% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 90% of Alumni are highly satisfied, and 10% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 90% of Alumni are highly satisfied, 10 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 86% of Alumni are highly satisfied, 10% of Alumni are satisfied and 4% of Alumni are moderately satisfied.

Suggestions:

- Organize workshops, seminars, technology-transfer programs to foster industry-academic interaction among the student community.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Invest in the latest educational technologies and digital resources to enhance the learning experience.
- Propose to develop carrier counseling and guidance center to support students in aligning their skills with industry demands.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

EMPLOYER FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	1	0	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	6	0	0	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	6	0	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	1	0	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100.00
2.	Implementation of Outcome Based Education	50	33	17	0	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	83	17	0	0	100.00
4.	Offered Courses related to Industry/employability	83	17	0	0	100.00
5.	Competencies/outcomes in relation to the course content	100	0	0	0	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66	17	17	0	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	83	17	0	0	100.00

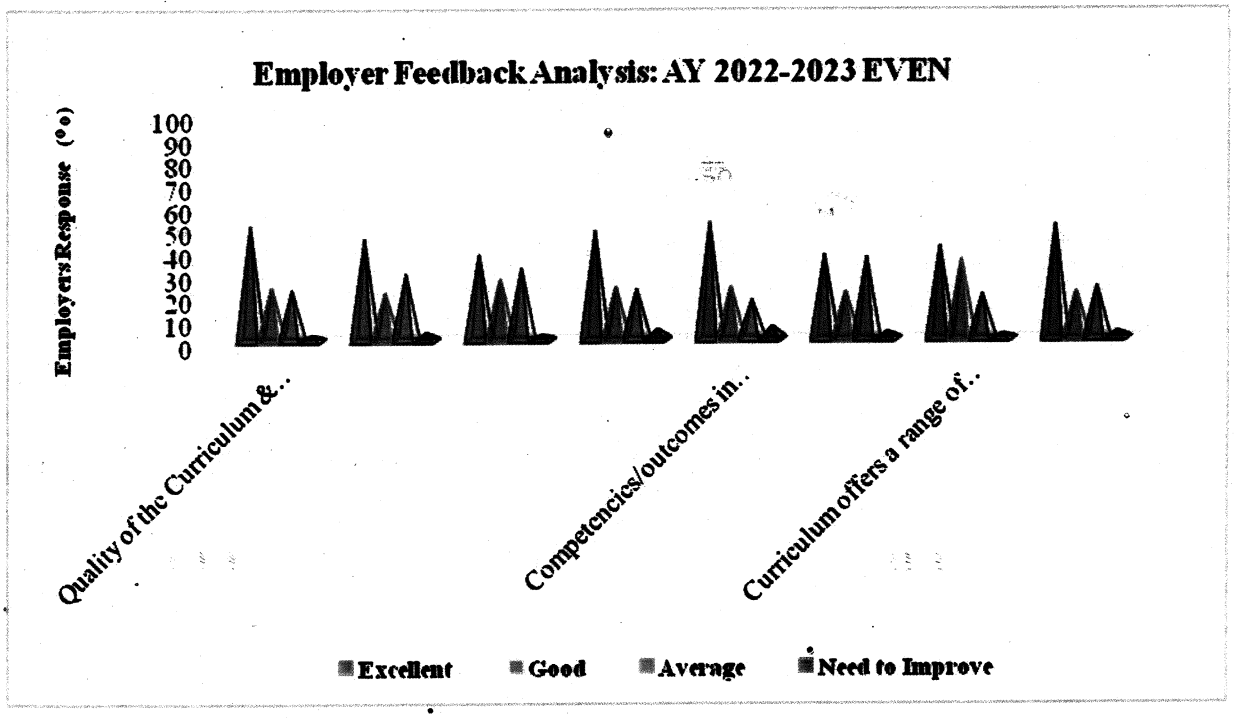

Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, 83% of Employers are given excellent, 17% of Employers are given good.
- Implementation of Outcome Based Education, 50% of Employers are given excellent, 33% of Employers are given good, also 17% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 83% of Employers are given excellent, 17% of Employers are given good.
- Offered Courses related to Industry/employability, 83% of Employers are given excellent, 17% of Employers are given good.
- Competencies/outcomes in relation to the course content, all 100% of Employers are given excellent.
- Tools used for designing the experiments in terms of existing practices in the industries, 66% of Employers are given excellent, 17% of Employers are given good and 17% of Employers are given average.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 83% of Employers are given excellent, 17% of Employers are given good.

Suggestions:

- ✓ Suggested to include more industry oriented and recent industrial developments in the syllabus.
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include study based lab experiment to enhance the programming skill among the students.
- ✓ Ensure more number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ More number of skills oriented training programs to be conducted every year.

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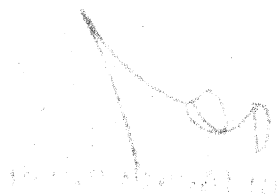

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

FACULTY FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1: Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	0	0	0	8
2.	Electives offered are supportive to the core papers	7	1	0	0	8
3.	Implementation of Outcome Based Education	7	1	0	0	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	2	0	0	8
5.	Regulations and Scheme of Examination	8	0	0	0	8
6.	Semester-wise course content	7	1	0	0	8
7.	Content Delivery, Methodology and Learning Resources	8	0	0	0	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	0	0	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	7	1	0	0	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8	0	0	0	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100.00
2.	Electives offered are supportive to the core papers	88	12	0	0	100.00
3.	Implementation of Outcome Based Education	88	12	0	0	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	75	25	0	0	100.00
5.	Regulations and Scheme of Examination	100	0	0	0	100.00
6.	Semester-wise course content	88	12	0	0	100.00
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	88	12	0	0	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100.00

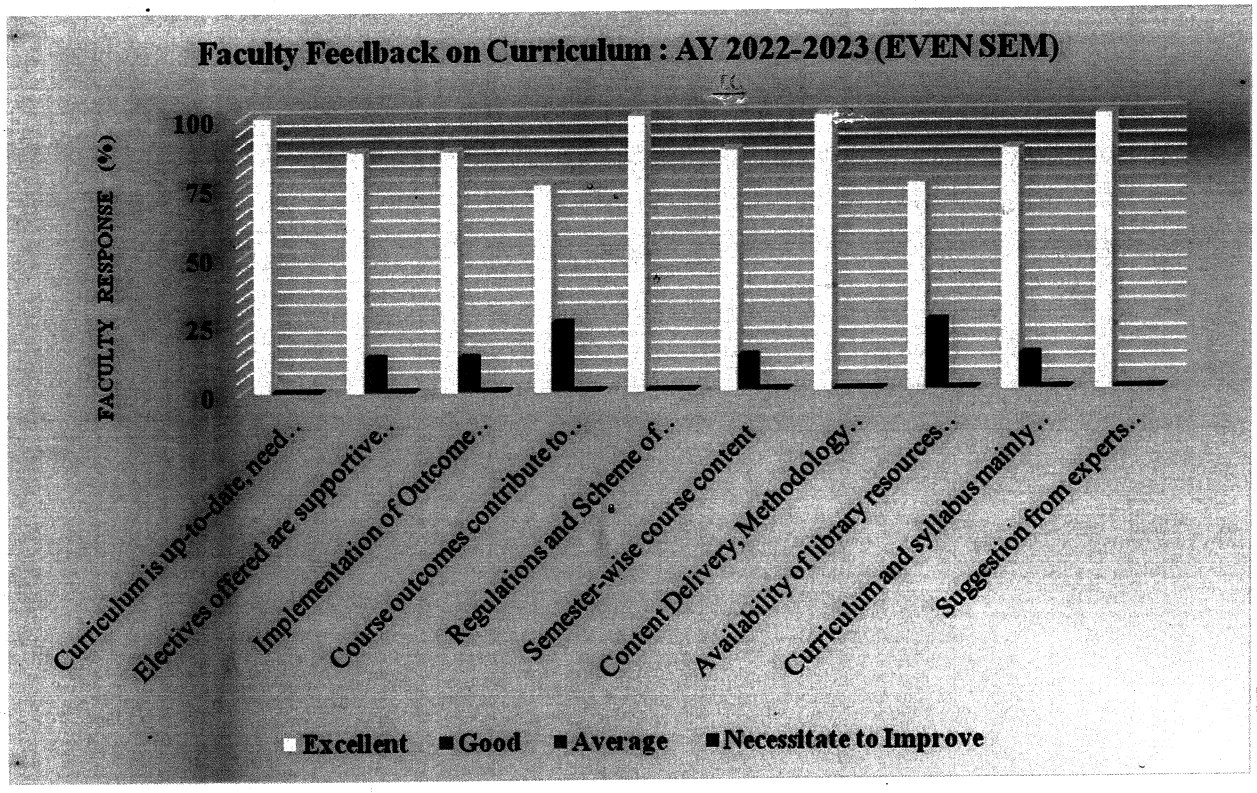

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Implementation of Outcome Based Education, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and

entrepreneurship, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 100 % of faculties are highly satisfied.

Suggestions:

- Suggested to introduce 'IoT basics and Latest Automation developments' in the corresponding Honours verticals in R2022 curriculum.
- Suggested to revise some topics in the subject 'Industrial data communication' by incorporating latest field devices like HART, ARCNET etc.
- Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- Suggested to ensure Course objectives should be in line with Course outcomes.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

PARENTS FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	11	1	0	0	12
2.	Teaching Faculty treat the students equally irrespective of the background	12	0	0	0	12
3.	Transparency of the evaluation system followed by the Institution	12	0	0	0	12
4.	Infrastructure and Lab Facility available to support the curriculum.	10	2	0	0	12
5.	Availability of the text and reference books in Central and Department library.	9	2	1	0	12

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	92	8	0	0	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100.00
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	83	17	0	0	100.00
5.	Availability of the text and reference books in Central and Department library.	75	17	8	0	100.00

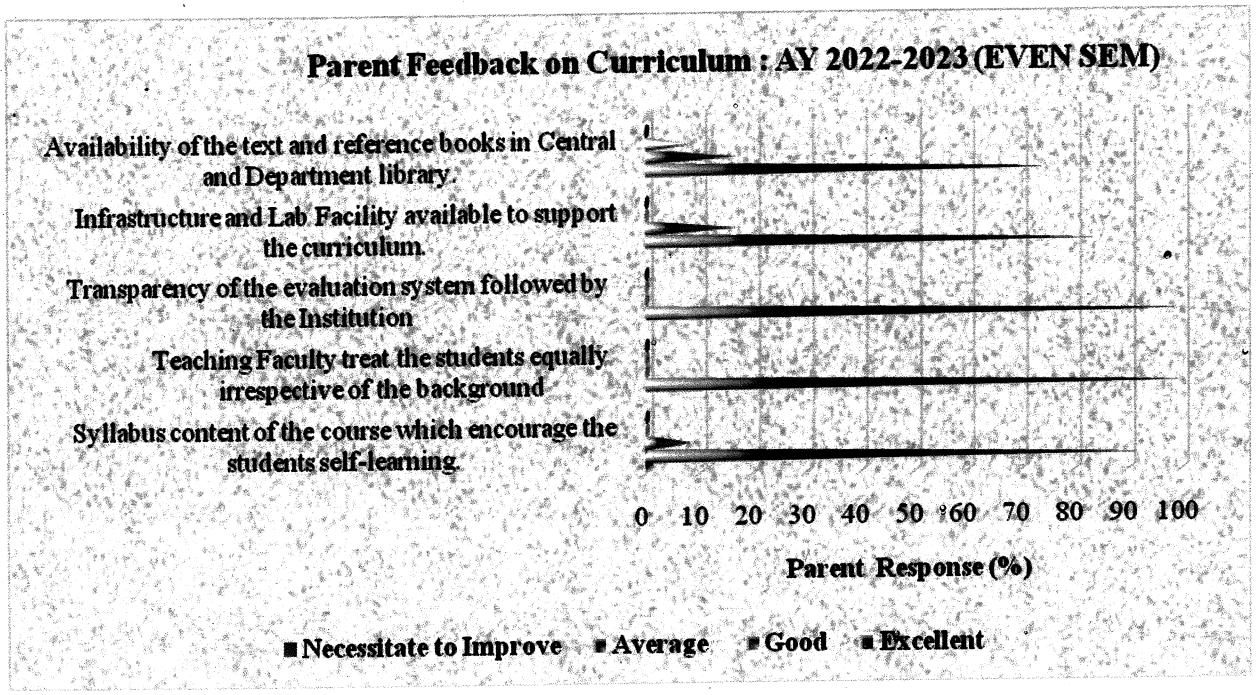

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 83 % of parents are highly satisfied, and 17 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 75 % of parents are highly satisfied, 17 % of parents are satisfied and 8 % of parents are moderately satisfied.

Chairman - BoS
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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ACADEMIC EXPERT FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Quality of PEOs, POs and COs	4	2	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	5	1	0	0	6
7.	Text and reference books proposed for study	3	1	1	1	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	4	1	1	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2	Implementation of Outcome Based Education	66	17	17	0	100
3.	Quality of PEOs, POs and COs	67	33	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	83	17	0	0	100
7.	Text and reference books proposed for study	49	17	17	17	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	49	17	17	17	100
10.	Panel of Examiners	66	17	17	0	100

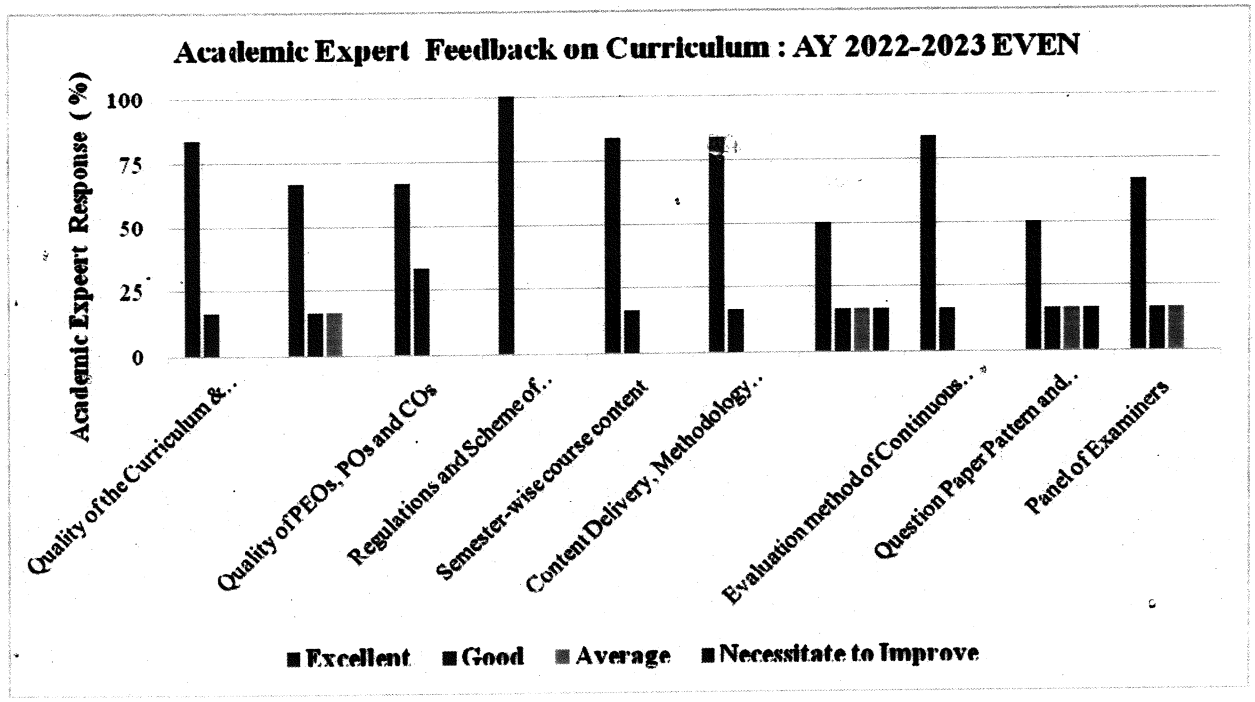

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.
- The Quality of PEOs, POs and COs, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Question Paper Pattern and Standard (Blooms Level), 49% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average and 17% are suggested to improve.

- For Panel of Examiners, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.

Suggestions:.

- Suggested to include Recent editions of Text and Reference books in the syllabus.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Suggested some revisions in the subject 'Embedded Systems (R 2019)' with some modifications.
- Practice to introduce more number of NPTEL courses as Credit Transfer course during their programme.
- Suggested to ensure the courses which specifies Instrumentation basics and latest developments in automation under the Instrumentation Engineering Minor degree.
- Course objectives and Course outcomes should be mapped with course contents.
- Enough awareness and guidance can be given to the students those who opt Minor degree/ Honours degree courses guidance.
- Complete course outlines along with subjects can be given to the students who are admitted in 2021-22 admitted students(Since the all modifications are effected into 5th semester)
- Mandatory courses can be given as one credit or zero credit.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

STUDENTS FEEDBACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Electronics and Instrumentation Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	41	1	0	0	42
2.	Course objective & course outcomes are achieved in the syllabus.	39	2	1	0	42
3.	Professional and open Electives offered are supportive to the core papers.	40	1	1	0	42
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	38	2	2	0	42
5.	Profundity of the course content in the syllabus.	39	1	1	1	42
6.	Exact Sequence of the courses provided in the curriculum	40	1	1	0	42
7.	Syllabus coverage in class by the teaching faculty	42	0	0	0	42
8.	Faculty Encouragement in learning process	41	1	0	0	42
9.	Teaching and learning process enables clear understanding of the course content.	41	1	0	0	42
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	38	3	1	0	42
11.	Availability of library resources in central and departmental library.	37	3	2	0	42
12.	Reliability of Assessment and Evaluation Process.	39	2	1	0	42
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	41	1	0	0	42
14.	Curriculum has ability to develop Entrepreneurship and Employability.	40	2	0	0	42

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	98	2	0	0	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	93	5	2	0	100.00
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90	5	5	0	100.00
5.	Profundity of the course content in the syllabus.	93	5	2	2	100.00
6.	Exact Sequence of the courses provided in the curriculum.	95	3	2	0	100.00
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100.00
8.	Faculty Encouragement in learning process.	98	2	0	0	100.00
9.	Teaching and learning process enables clear understanding of the course content.	98	2	0	0	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	90	7	3	0	100.00
11.	Availability of library resources in central and departmental library.	88	7	5	0	100.00
12.	Reliability of Assessment and Evaluation Process.	93	5	2	0	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	98	2	0	0	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100.00

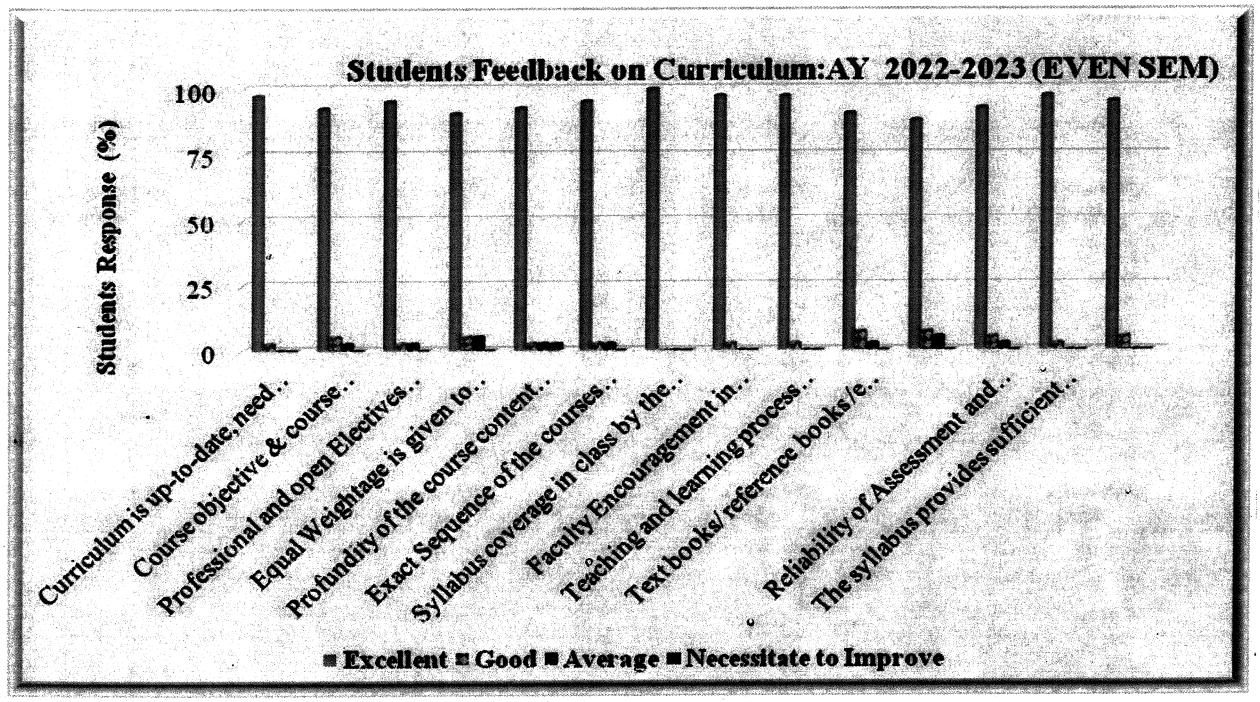

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 98% of students are highly satisfied and only 2% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 90 % of students are very satisfied, 5% of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum, 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 98 % of students are highly satisfied and 2% of students are satisfied.

- Teaching and learning process enables clear understanding of the course content 98 % of students are highly satisfied, only 2% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 90% of students are highly satisfied, 7% of students are satisfied and only 3% of students are moderately satisfied.
- Reliability of assessment & evaluation process 93% of students are highly satisfied, 5% of students are satisfied and 2% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch, 98 % of students are highly satisfied, only 2% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- Arrange internship opportunities from semester III onwards to get exposure on industrial needs.
- Other than department specific minor, provide general minor degree domain courses like Entrepreneurship, Finance etc.
- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- Introduce electives or optional modules that allow students to explore specific industry-oriented topics or research areas.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	35	2	0	0	37
2.	Course objective & course outcomes are achieved in the syllabus.	32	5	0	0	37
3.	Professional and open Electives offered are supportive to the core papers.	28	7	2	0	37
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	33	2	2	0	37
5.	Profundity of the course content in the syllabus.	25	8	4	0	37
6.	Exact Sequence of the courses provided in the curriculum	29	6	2	0	37
7.	Syllabus coverage in class by the teaching faculty	25	8	4	0	37
8.	Faculty Encouragement in learning process	25	5	5	0	35
9.	Teaching and learning process enables clear understanding of the course content.	26	4	5	0	35
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	22	8	7	0	37
11.	Availability of library resources in central and departmental library.	23	5	9	0	37
12.	Reliability of Assessment and Evaluation Process.	27	8	2	0	37
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	22	10	5	0	37
14.	Curriculum has ability to develop Entrepreneurship and Employability.	27	8	2	0	37

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	94.59	5.41	0.00	0.00	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	86.49	13.51	0.00	0.00	100.00
3.	Professional and open Electives offered are supportive to the core papers.	75.68	18.92	5.41	0.00	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	89.19	5.41	5.41	0.00	100.00
5.	Profundity of the course content in the syllabus.	67.57	21.62	10.81	0.00	100.00
6.	Exact Sequence of the courses provided in the curriculum.	78.38	16.22	5.41	0.00	100.00
7.	Syllabus coverage in class by the teaching faculty.	67.57	21.62	10.81	0.00	100.00
8.	Faculty Encouragement in learning process.	71.43	14.29	14.29	0.00	100.00
9.	Teaching and learning process enables clear understanding of the course content.	74.29	11.43	14.29	0.00	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	59.46	21.62	18.92	0.00	100.00
11.	Availability of library resources in central and departmental library.	62.16	13.51	24.32	0.00	100.00
12.	Reliability of Assessment and Evaluation Process.	72.97	21.62	5.41	0.00	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	59.46	27.03	13.51	0.00	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	72.97	21.62	5.41	0.00	100.00

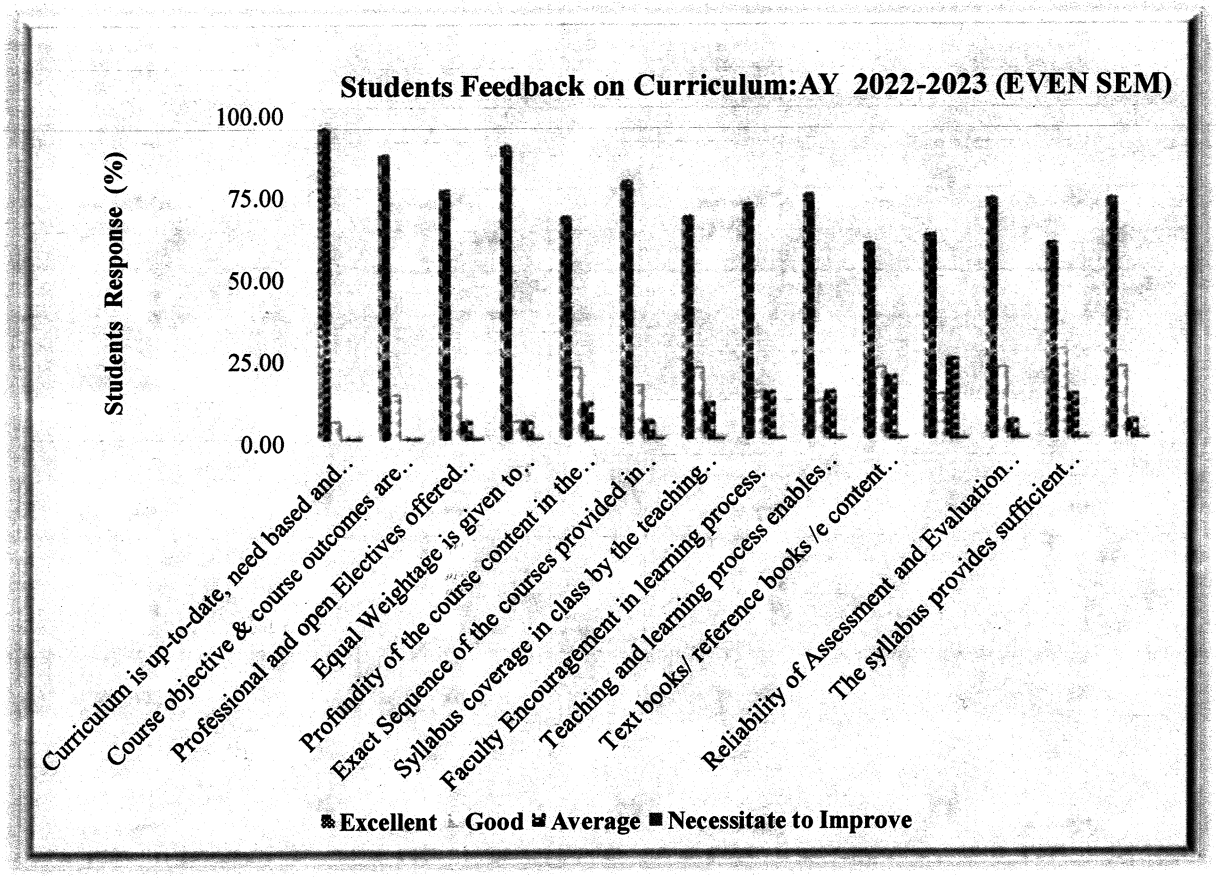

Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied.5% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 87% of students are highly satisfied, 13% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 76 % of students are highly satisfied, 18 % of students are satisfied and 5 % of students are averagely satisfied
- In the Equal Weightage is given to theory and practical course content 90 % of students are highly satisfied 5 % of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 67% of students are highly satisfied, 21% of students are satisfied and 10 % of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 83 % of students are highly satisfied, 13 % of students are satisfied and 5 % of students are moderately satisfied.
- Syllabus coverage in class by the teaching faculty 80% of students are highly satisfied, 15% of students are satisfied and 5 % of students are moderately satisfied.

- Faculty Encouragement in learning process 72 % of students are highly satisfied, 15 % of students are satisfied and 7 % of students are moderately satisfied
- Teaching and learning process enables clear understanding of the course content 75 % of students are highly satisfied, 12% of students are satisfied and 15 % of students are moderately satisfied
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 73% of students are highly satisfied, 21% of students are satisfied and 5% of students are moderately satisfied
- Reliability of assessment & evaluation process 75% of students are highly satisfied, 20% of students are satisfied and 5% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch. 60 % of students are highly satisfied, 26% of students are satisfied and 13% of students are moderately satisfied
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 72% of students are highly satisfied, 21% of students are satisfied and 5 % of students are moderately satisfied.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	12	1	0	0	13
2.	Teaching Faculty treat the students equally irrespective of the background	12	1	0	0	13
3.	Transparency of the evaluation system followed by the Institution	11	2	0	0	13
4.	Infrastructure and Lab Facility available to support the curriculum.	9	2	2	0	13
5.	Availability of the text and reference books in Central and Department library.	9	2	2	0	13

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	92.31	7.69	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	92.31	7.69	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	84.62	15.38	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	69.23	15.38	15.38	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	69.23	15.38	15.38	0.00	100.00

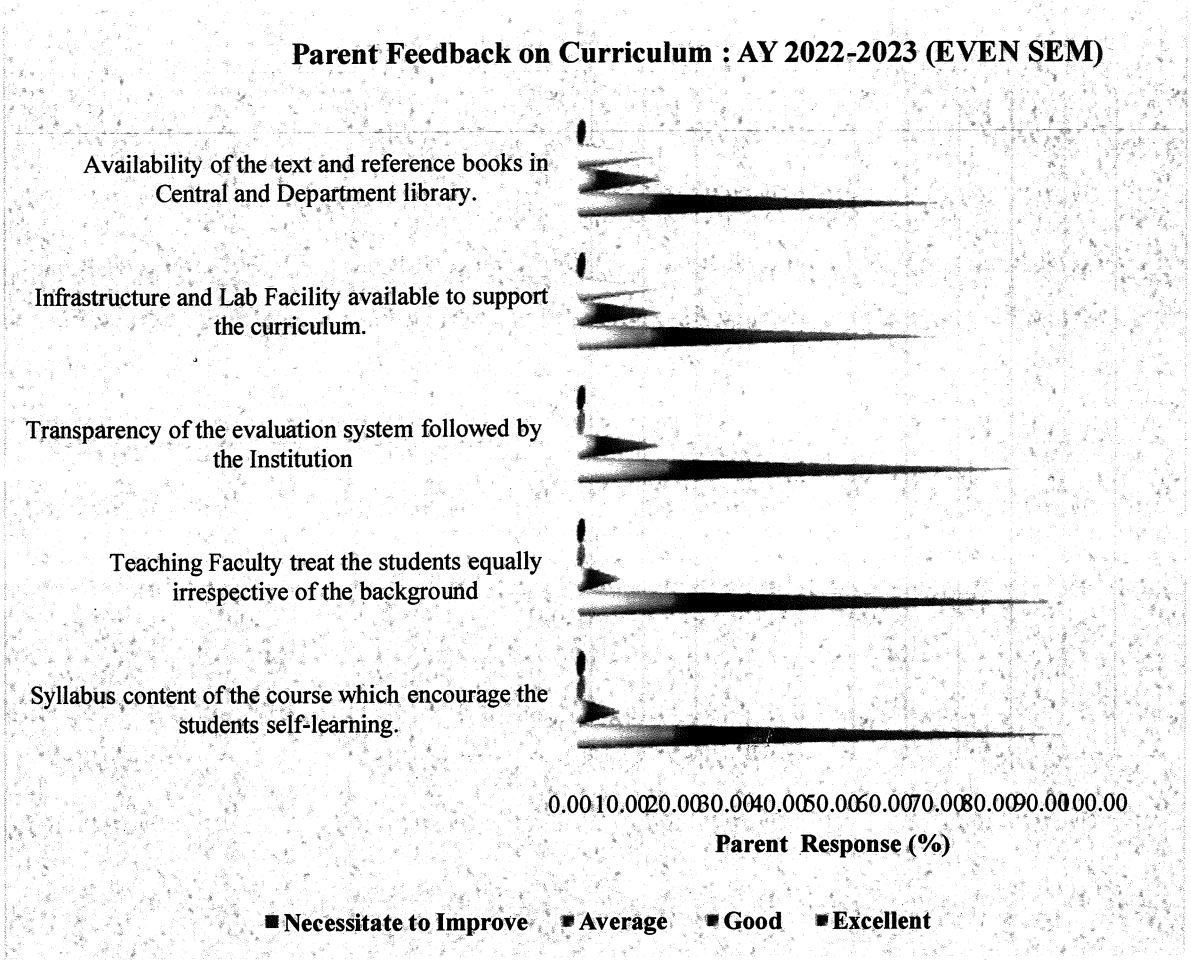

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 92 % of parents are highly satisfied, 7% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 92 % of parents are highly satisfied, 8% of parents are satisfied
- With respect to the Transparency of the evaluation system followed by the Institution 85 % of parents are highly satisfied, 15 % of parents are satisfied.
- Infrastructure and Lab Facility available to support the curriculum 69 % of parents are highly satisfied, 15 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 69 % of parents are highly satisfied, 15 % of parents are satisfied and 15 % of parents are averagely satisfied.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	9	2	0	0	11
2.	Electives offered are supportive to the core papers	9	1	1	0	11
3.	Implementation of Outcome Based Education	8	3	0	0	11
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	3	0	0	11
5.	Regulations and Scheme of Examination	9	1	1	0	11
6.	Semester-wise course content	11	0	0	0	11
7.	Content Delivery, Methodology and Learning Resources	11	0	0	0	11
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	3	0	11
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	3	0	0	11
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	11	0	0	0	11

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	81.82	18.18	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	81.82	9.09	9.09	0.00	100.00
3.	Implementation of Outcome Based Education	72.73	27.27	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	72.73	27.27	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	81.82	9.09	9.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	100.00	0.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	54.55	18.18	27.27	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	72.73	27.27	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

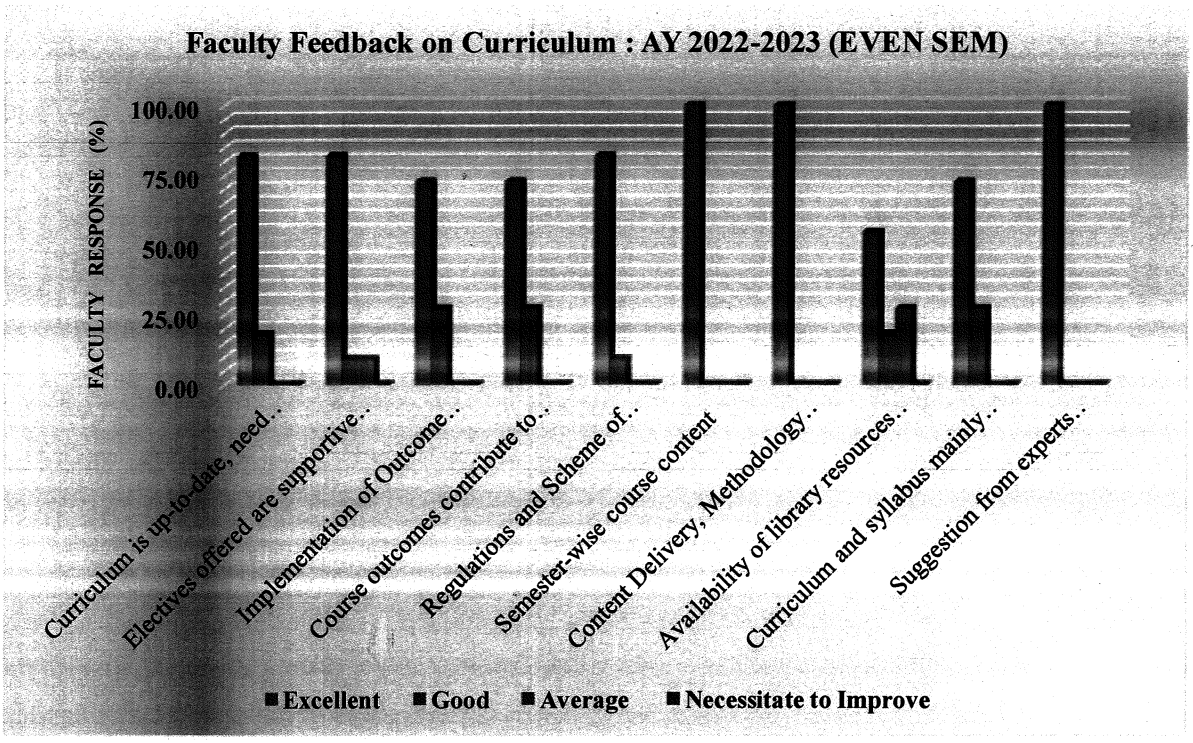

Fig.1.Faculty Feedback on Curriculum

- Regarding the Curriculum is up-to-date, need based and application oriented 82% of faculties are highly satisfied and 18 % of faculties are satisfied.
- In the case of Electives offered are supportive to the core papers 82 % of faculties are highly satisfied and 9 % of faculties are satisfied and 9 % of faculties are moderately satisfied.
- Implementation of Outcome Based Education papers 73 % of faculties are highly satisfied and 27 % of faculties are moderately satisfied.
- With respect to the Regulations and Scheme of Examination 82 % of faculties are highly satisfied and 9 % of faculties are satisfied and 9 % of faculties are moderately satisfied.
- In the case of Semester-wise course content 100 % of faculties are highly satisfied
- Considering the use of Content Delivery, Methodology and Learning Resources 100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 54 % of faculties are highly satisfied and 18 % of faculties are satisfied 27 % of faculties are moderately satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 73% of faculties are highly satisfied and 27 % of faculties are satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus 100 % of faculties are highly satisfied.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E - Electronics and Communication Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	3	1	0	0	4
2.	Implementation of Outcome Based Education	3	1	0	0	4
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	1	0	0	4
4.	Offered Courses related to Industry/employability	2	2	0	0	4
5.	Competencies/outcomes in relation to the course content	2	2	0	0	4
6.	Tools used for designing the experiments in terms of existing practices in the industries	1	2	0	0	3
7.	Curriculum offers a range of professional and open electives/value-added courses	3	1	0	0	4
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	2	1	0	0	3

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	75.00	25.00	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	75.00	25.00	0.00	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	75.00	25.00	0.00	0.00	100.00
4.	Offered Courses related to Industry/employability	50.00	50.00	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	50.00	50.00	0.00	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	33.33	66.67	0.00	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	75.00	25.00	0.00	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	66.67	33.33	0.00	0.00	100.00

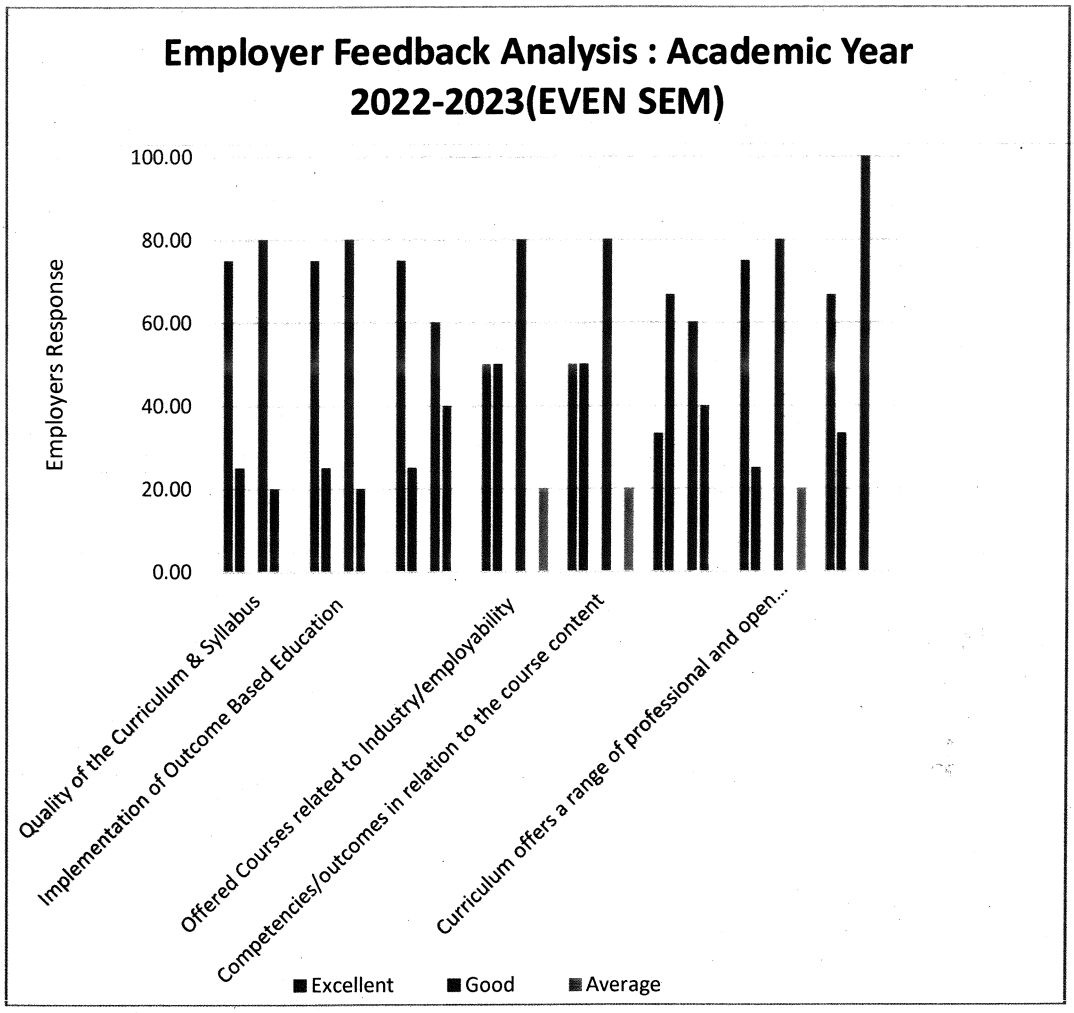

Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum &Syllabus, 75 percentage of companies are given excellent, 25 percentage of the companies are given good.
- Implementation of Outcome Based Education, 75percentage of companies are given excellent, 25 percentage of the companies are given good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 75 percentage of companies are given excellent, 25 percentage of the companies are given good.
- Offered Courses related to Industry/employability, 50 percentage of companies are given excellent, 50 percentage of the companies are given good.
- Competencies/outcomes in relation to the course content, 50 percentage of companies are given excellent, 50 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 33 percentage of companies are given excellent, 67 percentage of the companies are given good, 17 percentage of companies are marked as an average.

- Curriculum offers a range of professional and open electives/value-added courses, 75 percentage of companies are given excellent, 25 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 67 percentage of companies are given excellent, 33 percentage of the companies are given good
- **Suggestions:**

✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc.

✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for engineering subject.

✓ Add the design and analysis-based topics in the curriculum

✓ Entrepreneurial skills courses to be inculcated and motivated to do startup

✓ Life skill course can be given as an elective course.

✓ Tools related to design experiment must be added in the syllabus

✓ Industry relevant value added course can be included.

✓ Include can study based lab experiment to enhance the programming skill among the students.

✓ Include spark topics in 5G and beyond.

✓ Include cutting edge semiconductor topics in the syllabus.

✓ More number of skills oriented training programs to be conducted every year.

✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
ECE - HiCET

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Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E - Electronics and Communication Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	11	5	0	0	16
2.	Regulations and Scheme of Examination	12	4	0	0	16
3.	Semester-wise course content	11	5		0	16
4.	Content Delivery, Methodology & Learning Resources	12	4	0	0	16
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	9	4	3	0	16
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	8	5	3	0	16
7.	Availability of library resources supports Text and Reference Books suggested to study	9	4	3	0	16

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	75.00	25.00	0.00	0.00	100.00
2.	Regulations and Scheme of Examination	75.00	25.00	0.00	0.00	100.00
3.	Semester-wise course content	68.75	31.25	0.00	0.00	100.00
4.	Content Delivery, Methodology & Learning Resources	75.00	25.00	0.00	0.00	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	56.25	25.00	18.75	0.00	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50.00	31.25	18.75	0.00	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	56.25	18.75	18.75	6.25	100.00

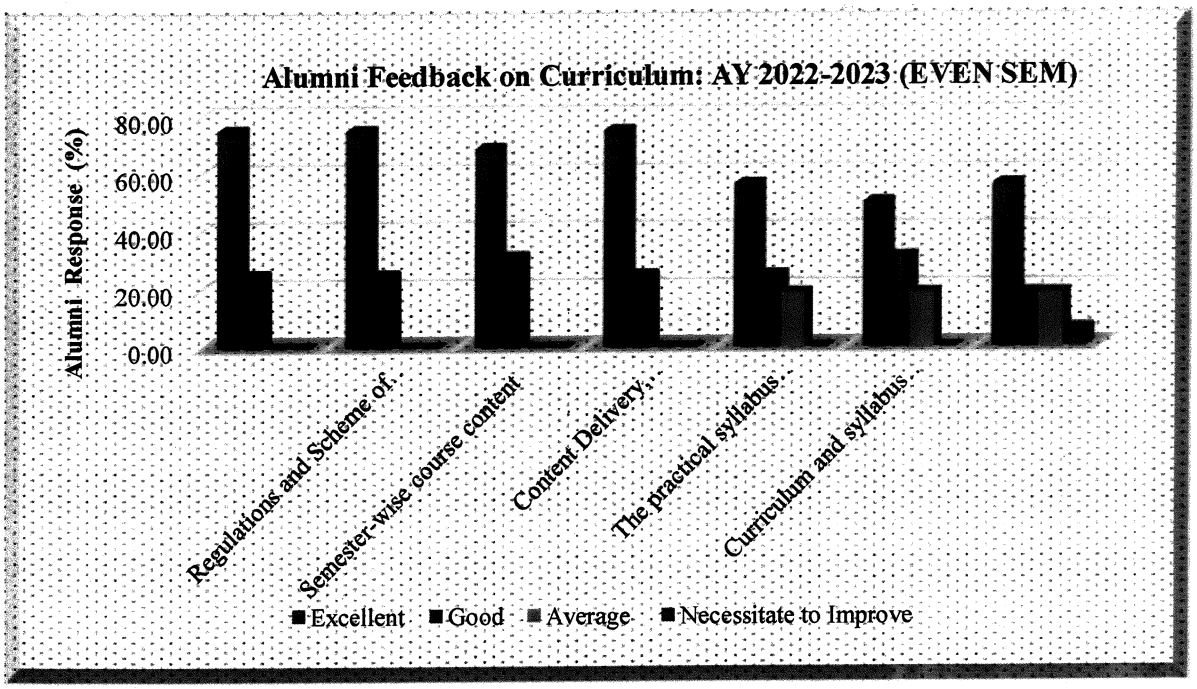

Fig.1.Alumni Feedback on Curriculum

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 75% of Alumni are highly satisfied 25% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination 75 % of Alumni are highly satisfied, 25% of Alumni are satisfied.
- With respect to the Semester-wise course content 69 % of Alumni are highly satisfied and 31% of Alumni are satisfied
- In the case of Content Delivery, Methodology & Learning Resources 75% of Alumni are highly satisfied, 25% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 56% of Alumni are highly satisfied, 25 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 50% of Alumni are highly satisfied, 31 % of Alumni are satisfied
- In the case of the Availability of library resources supports Text and Reference Books suggested to study 56% of Alumni are highly satisfied and 18% of Alumni are satisfied .

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ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGINEERING & TECH ★ Chairman

Dean (Academics)
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Coimbatore 641 032

B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

B.E/B.Tech –Electrical and Electronics Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	40	5	0	0	45
2.	Course objective & course outcomes are achieved in the syllabus.	37	8	0	0	45
3.	Professional and open Electives offered are supportive to the core papers.	30	12	3	0	45
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	41	2	2	0	45
5.	Profundity of the course content in the syllabus.	37	6	2	0	45
6.	Exact Sequence of the courses provided in the curriculum	35	8	2	0	45
7.	Syllabus coverage in class by the teaching faculty	38	6	1	0	45
8.	Faculty Encouragement in learning process	35	5	5	0	45
9.	Teaching and learning process enables clear understanding of the course content.	31	8	6	0	45
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	30	8	7	0	45
11.	Availability of library resources in central and departmental library.	24	12	9	0	45
12.	Reliability of Assessment and Evaluation Process.	35	8	2	0	45
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	22	16	7	0	45
14.	Curriculum has ability to develop Entrepreneurship and Employability.	32	8	5	0	45

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	88.89	11.11	0.00	0.00	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	82.22	17.78	0.00	0.00	100.00
3.	Professional and open Electives offered are supportive to the core papers.	66.67	26.67	6.67	0.00	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	91.11	4.44	4.44	0.00	100.00
5.	Profundity of the course content in the syllabus.	82.22	13.33	4.44	0.00	100.00
6.	Exact Sequence of the courses provided in the curriculum.	77.78	17.78	4.44	0.00	100.00
7.	Syllabus coverage in class by the teaching faculty.	84.44	13.33	2.22	0.00	100.00
8.	Faculty Encouragement in learning process.	77.78	11.11	11.11	0.00	100.00
9.	Teaching and learning process enables clear understanding of the course content.	68.89	17.78	13.33	0.00	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	66.67	17.78	15.56	0.00	100.00
11.	Availability of library resources in central and departmental library.	53.33	26.67	20.00	0.00	100.00
12.	Reliability of Assessment and Evaluation Process.	77.78	17.78	4.44	0.00	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	48.89	35.56	15.56	0.00	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	71.11	17.78	11.11	0.00	100.00

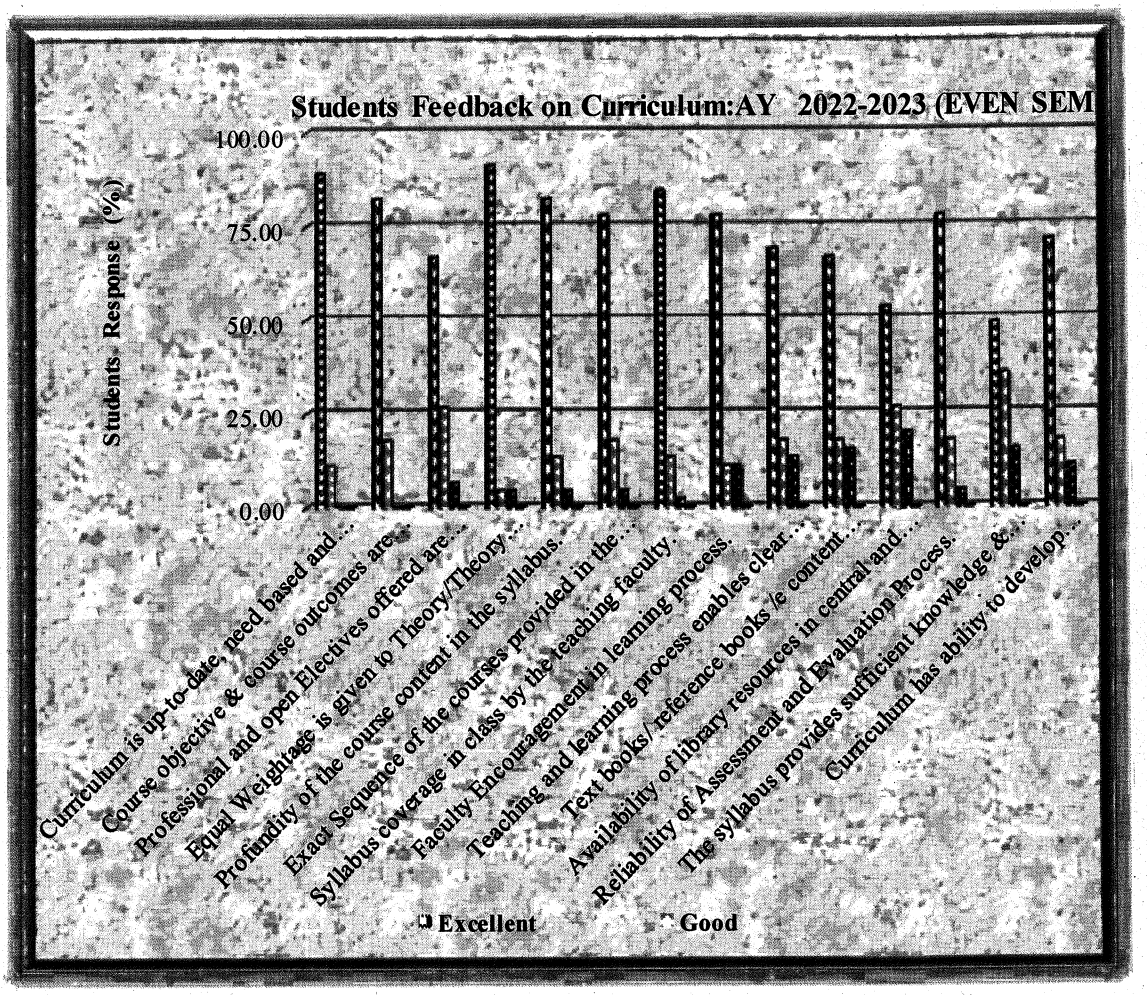

Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly regarded for its relevance, with 88.89% of respondents considering it "Excellent" and 11.11% as "Good."
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was praised, with 82.22% of respondents rating it as "Excellent" and 17.78% as "Good."
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 66.67% of respondents considering it "Excellent," 26.67% as "Good," and 6.67% as "Average."
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 91.11% of respondents rating it as "Excellent" and 4.44% as "Good," and 4.44% as "Average."
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 82.22% of respondents considering it "Excellent," 13.33% as "Good," and 4.44% as "Average."

- Sequence of Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 77.78% of respondents considering it "Excellent," 17.78% as "Good," and 4.44% as "Average."
- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 84.44% of respondents rating it as "Excellent," 13.33% as "Good," and 2.22% as "Average."
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 77.78% of respondents considering it "Excellent," 11.11% as "Good," and 11.11% as "Average."
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 68.89% of respondents rating it as "Excellent," 17.78% as "Good," and 13.33% as "Average."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, with 66.67% of respondents considering it "Excellent," 17.78% as "Good," and 15.56% as "Average."
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 53.33% of respondents considering it "Excellent," 26.67% as "Good," and 20.00% as "Average."
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 77.78% of respondents rating it as "Excellent," 17.78% as "Good," and 4.44% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 48.89% of respondents considering it "Excellent," 35.56% as "Good," and 15.56% as "Average."
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 71.11% of respondents rating it as "Excellent," 17.78% as "Good," and 11.11% as "Average."

Suggestions:

- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- Introduce electives or optional modules that allow students to explore specific industry-oriented topics or research areas.

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B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	4	1	0	0	5
2.	Teaching Faculty treat the students equally irrespective of the background	5	0	0	0	5
3.	Transparency of the evaluation system followed by the Institution	3	2	0	0	5
4.	Infrastructure and Lab Facility available to support the curriculum.	3	1	1	0	5
5.	Availability of the text and reference books in Central and Department library.	4	1	0	0	5

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	80.00	20.00	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100.00	0.00	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	60.00	40.00	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	60.00	20.00	20.00	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	80.00	20.00	0.00	0.00	100.00

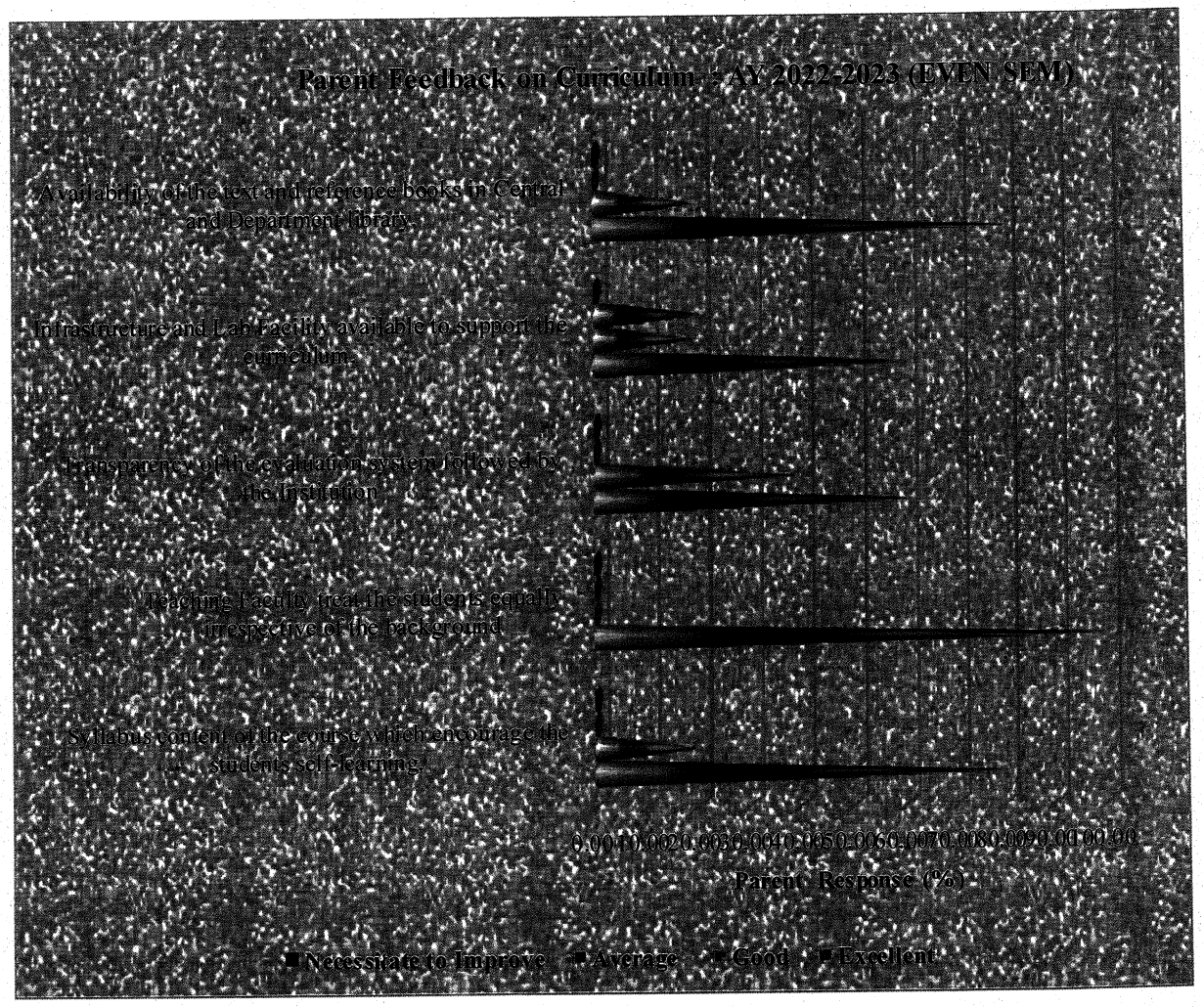

Fig.1. Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was highly appreciated for encouraging self-learning, with 80% of respondents rating it as "Excellent" and 20% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was commended for treating students equally, irrespective of their background, with 100% of respondents considering it "Excellent".

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 60% of respondents rating it as "Excellent" and 40% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 60% of respondents considering it "Excellent," 20% as "Good," and 20% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 80% of respondents rated it as "Excellent," 20% as "Good."

Suggestions:

- ❖ Conduct a comprehensive review of the infrastructure and lab facilities to identify areas that need improvement or modernization.
- ❖ Seek funding or collaborations to upgrade facilities and provide state-of-the-art equipment for better practical learning experiences.

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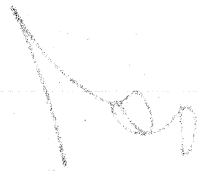

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Coimbatore 641 032

B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year: 2022-2023

2021-2022

B.E/B.Tech-Electrical and Electronics Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	8	2	0	0	10
2.	Regulations and Scheme of Examination	9	1	0	0	10
3.	Semester-wise course content	7	3	0	0	10
4.	Content Delivery, Methodology & Learning Rcsources	6	4	0	0	10
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	5	3	2	0	10
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	7	2	1	0	10
7.	Availability of library resources supports Text and Reference Books suggested to study	9	1	0	0	10

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	83.33	16.67	0.00	0.00	100
2.	Regulations and Scheme of Examination	75.00	16.67	8.33	0.00	100
3.	Semester-wise course content	91.67	8.33	0.00	0.00	100
4.	Content Delivery, Methodology & Learning Resources	66.67	33.33	0.00	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	75.00	16.67	8.33	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	58.33	33.33	8.33	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	50.00	33.33	16.67	0.00	100

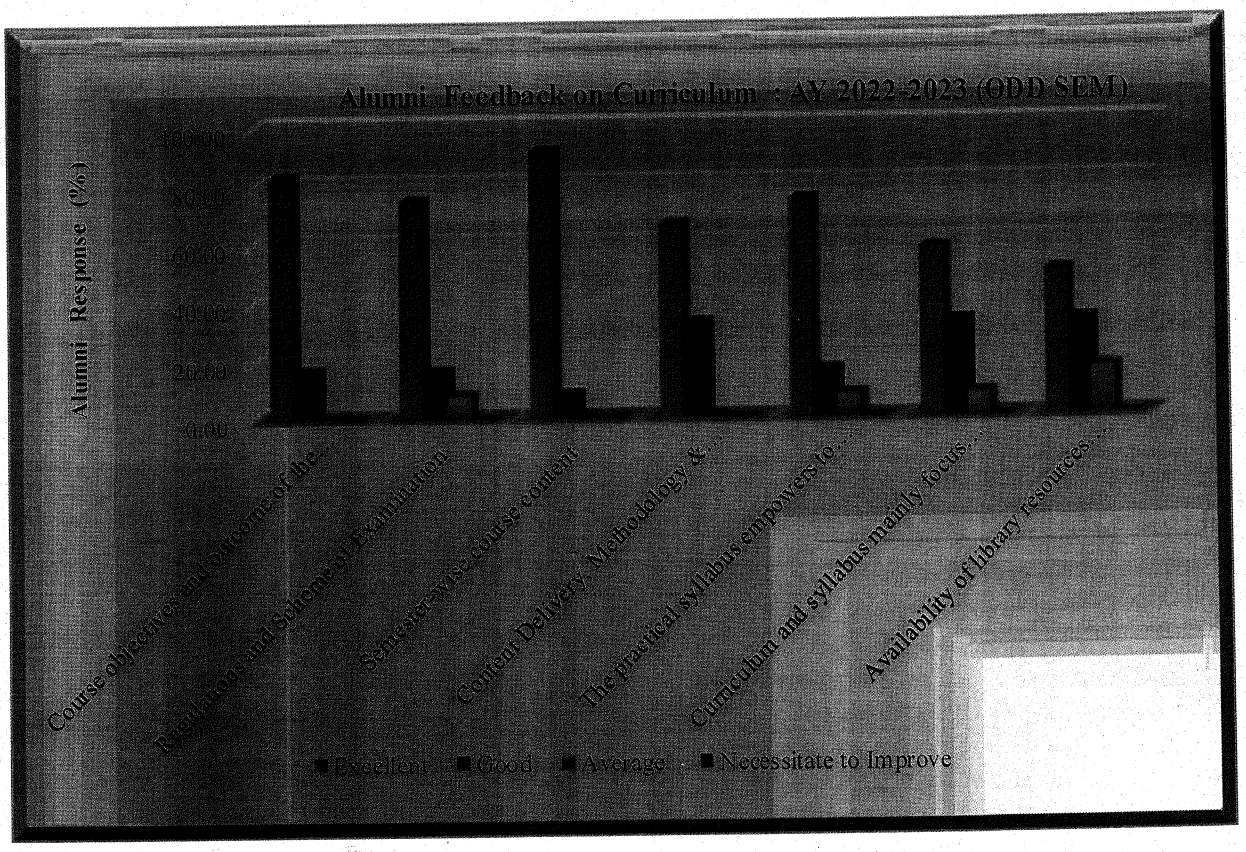

Fig.1. Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Course Objectives and Outcome Definition: The course objectives and outcome of the syllabus were defined clearly, with 83.33% of respondents considering it "Excellent" and 16.67% as "Good."
- Regulations and Scheme of Examination: The regulations and scheme of examination were well-regarded, with 75% of respondents rating it as "Excellent," 16.67% as "Good," and 8.33% as "Average."
- Semester-wise Course Content: The semester-wise course content was rated positively, with 91.67% of respondents considering it "Excellent" and 8.33% as "Good."
- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources received mixed feedback, with 66.67% of respondents rating it as "Excellent," 33.33% as "Good."
- Empowerment through Practical Syllabus: The practical syllabus was seen to

empower students to develop experimental, design, problem-solving, and analysis skills, with 75% of respondents considering it "Excellent," 16.67% as "Good," and 8.33% as "Average."

- Focus on Industry Readiness and Self-learning: The curriculum and syllabus were praised for mainly focusing on making students industry-ready, encouraging participation in various events, promoting self-learning, and fostering innovation and entrepreneurship. 58.33% of respondents rated it as "Excellent," 33.33% as "Good," and 8.33% as "Average."
- Availability of Library Resources: The availability of library resources supporting text and reference books suggested for the study was rated positively, with 50% of respondents considering it "Excellent," 33.33% as "Good," and 16.67% as "Average."

Suggestions:

- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Invest in the latest educational technologies and digital resources to enhance the learning experience.

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B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	2	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	3	1	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	2	0	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	3	2	1	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	3	2	1	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	66.67	33.33	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	50.00	33.33	16.67	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	33.33	50.00	16.67	0.00	100.00
4.	Offered Courses related to Industry/employability	83.33	16.67	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	50.00	33.33	16.67	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66.67	33.33	0.00	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	50.00	33.33	16.67	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	50.00	33.33	16.67	0.00	100.00

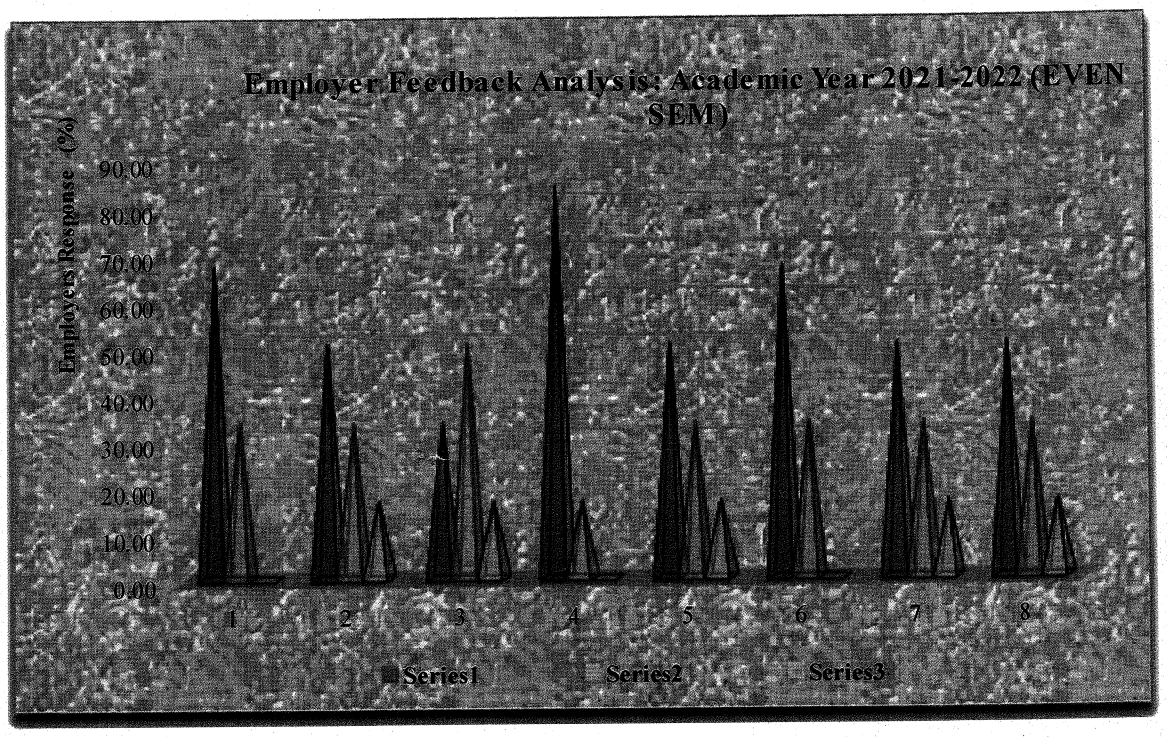

Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was rated highly, with 66.67% of respondents considering it "Excellent" and 33.33% as "Good."
- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) received mixed feedback, with 50.00% of respondents rating it as "Good," 33.33% as "Excellent," and 16.67% as "Average."
- Emphasis on both Fundamentals and Latest Technologies: The curriculum was found to strike a balance between fundamentals and the incorporation of latest technologies, with 33.33% of respondents considering it "Excellent," 50.00% as "Good," and 16.67% as "Average."
- Courses Related to Industry/Employability: The availability of courses related to industry and employability was well-appreciated, with 83.33% of respondents rating it as "Excellent" and 16.67% as "Good."
- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received mixed feedback, with 50.00% of respondents rating it as "Good," 33.33% as "Excellent," and 16.67% as "Average."
- Tools Used for Designing Experiments: The use of tools for designing experiments in line with existing industry practices was found to be satisfactory, with 66.67% of respondents rating it as "Excellent," 33.33% as "Good."
- Professional and Open Electives/Value-Added Courses: The curriculum was observed to offer a variety of professional and open electives/value-added courses,

with 50.00% of respondents considering it "Good," 33.33% as "Excellent," and 16.67% as "Average."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking was rated moderately, with 50.00% of respondents considering it "Good," 33.33% as "Excellent," and 16.67% as "Average."

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in Biomaterial and Artificial Organ subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce full stack java development courses
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in big data paper, including virtualization in OS.
- ✓ Include jingo topic in python paper
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

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Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E/B.Tech- ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Electrical and Electronics Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	2	0	0	10
2.	Electives offered are supportive to the core papers	9	1	0	0	10
3.	Implementation of Outcome Based Education	7	3	0	0	10
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	4	0	0	10
5.	Regulations and Scheme of Examination	7	3	0	0	10
6.	Semester-wise course content	10	0	0	0	10
7.	Content Delivery, Methodology and Learning Resources	10	0	0	0	10
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	2	0	10
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	10	0	0	0	10
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	10	0	0	0	10

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	80.00	20.00	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	90.00	10.00	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	70.00	30.00	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	60.00	40.00	0.00	0.00	90.00
5.	Regulations and Scheme of Examination	70.00	30.00	0.00	0.00	80.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	100.00	0.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	60.00	20.00	20.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

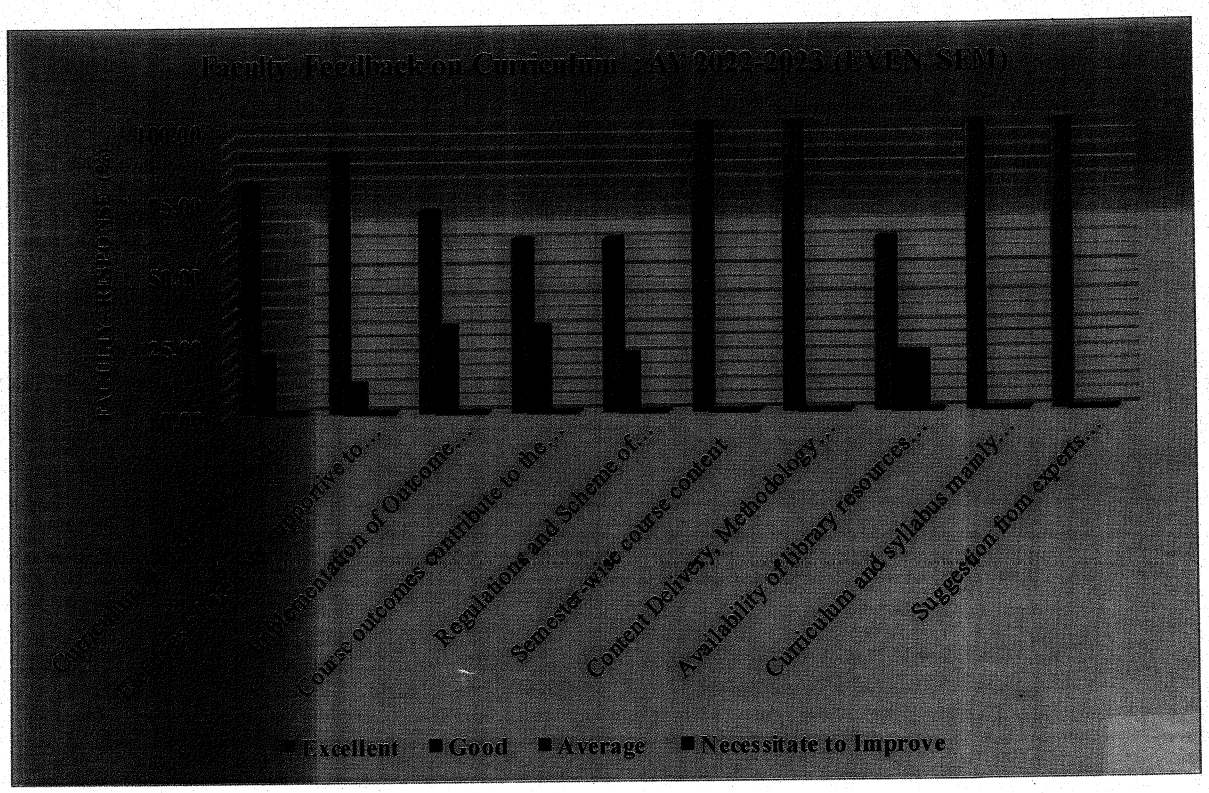

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 80% of respondents considering it "Excellent," and 20% as "Good."
- Electives offered were found to be supportive of the core papers, with 90% of respondents rating it as "Excellent" and 10% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 70% of respondents considering it "Excellent" and 30% as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 60% of respondents rating it as "Excellent" and 40% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 70% of respondents rating it as "Excellent" and 30% as "Good."
- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."
- Regarding the availability of library resources supporting text and reference books suggested for study, 60% of respondents rated it as "Excellent," 20% as "Good," and

20% as "Average."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.
- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Suggestions:

- ❖ Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.

Chairman - BoS
EEE - HiCET

HINDUSTHAN COLLEGE OF ENGG. & TECH. ACADEMIC COUNCIL Chairman

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.TECH- FOOD TECHNOLOGY

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech - Food Technology

Faculty Feedback on Curriculum: Academic Year 2022-2023 (Even)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Faculty Response						
1.	Curriculum is up-to-date, need based and application oriented	15	2	0	0	17
2.	Electives offered are supportive to the core papers	13	3	0	0	16
3.	Implementation of Outcome Based Education	14	2	0	0	16
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	13	3	0	0	16
5.	Regulations and Scheme of Examination	16		0	0	16
6.	Semester-wise course content	9	7	0	0	16
7.	Content Delivery, Methodology and Learning Resources	16	0	0	0	16
8.	Availability of library resources supports Text and Reference Books suggested to study	11	5	0	0	16
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	4	0	0	16
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	16		0	0	16

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	88	12	0	0	100
2.	Electives offered are supportive to the core papers	81	19	0	0	100
3.	Implementation of Outcome Based Education	88	13	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	81	19	0	0	100
5.	Regulations and Scheme of Examination	100	0	0	0	100
6.	Semester-wise course content	56	44	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	69	31	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	75	25	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

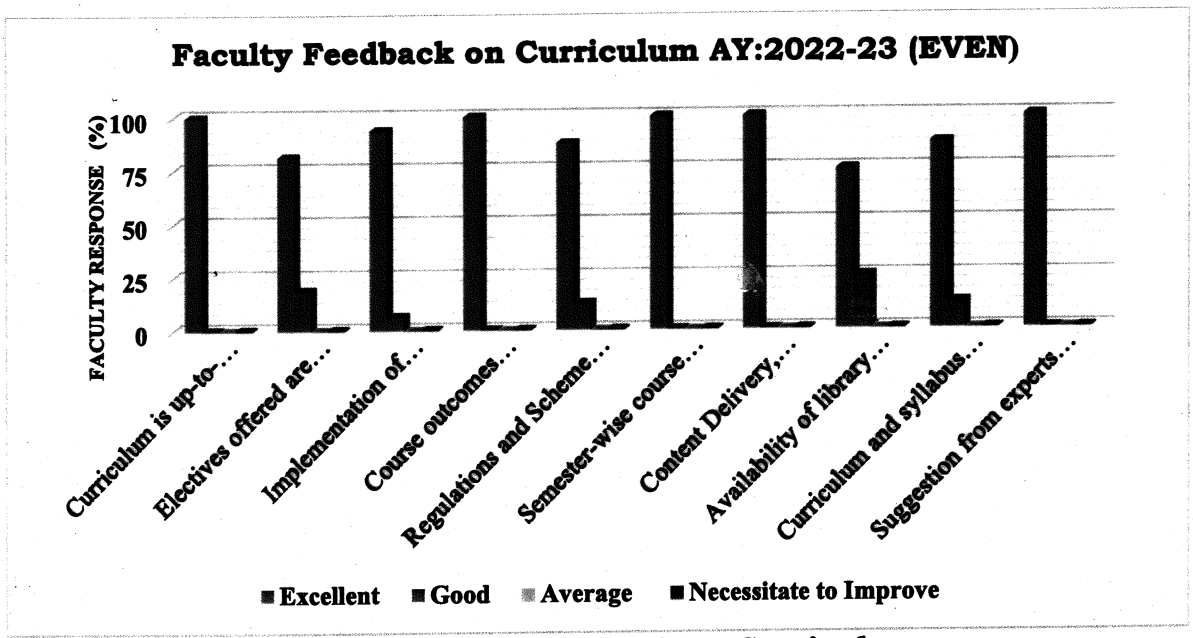

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 88 %, and 12% as excellent and good respectively.
- "Electives offered are supportive to the core papers" scored 81%, and 19% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 88%, and 13% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 81%, and 19% as excellent, and good respectively.
- "Regulations and Scheme of Examination" scored 100% as excellent.
- "Semester-wise course content" scored scored 56% and 44% as excellent and good respectively.
- "Content Delivery, Methodology and Learning Resources" scored 100% as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 69%, and 31% as excellent and good respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and

inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 75 % as excellent and 25% as good.

- ❖ "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100% as excellent.

Suggestions

- ✓ Dr. Deepa J suggested to include a new course based on AI and Robotics in Food Production Applications in Professional Elective IV of Regulation 2019.
- ✓ Mr. Dillwyn suggested to include a course based on Food printing in the Professional Elective of Regulation 2022.

Chairman - BoS
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Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.TECH- FOOD TECHNOLOGY

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech-Food Technology

Student Feedback on Curriculum: Academic Year 2022-2023 (Even)

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Students Response						
1.	Curriculum is up-to-date, need based and application oriented.	45	32	0	0	77
2.	Course objective & course outcomes are achieved in the syllabus.	46	23	8	0	77
3.	Professional and open Electives offered are supportive to the core papers.	52	25	0	0	77
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	62	15	0	0	77
5.	Profundity of the course content in the syllabus.	52	25	0	0	77
6.	Exact Sequence of the courses provided in the curriculum	55	22	0	0	77
7.	Syllabus coverage in class by the teaching faculty	56	21	0	0	77
8.	Faculty Encouragement in learning process	57	20	0	0	77
9.	Teaching and learning process enables clear understanding of the course content.	55	22	0	0	77
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	49	28	0	0	77
11.	Availability of library resources in central and departmental library.	62	15	0	0	77

12.	Reliability of Assessment and Evaluation Process.	54	23	0	0	77
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	54	23	0	0	77
14.	Curriculum has ability to develop Entrepreneurship and Employability.	53	24	0	0	77

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	58	42	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	60	30	10	0	100
3.	Professional and open Electives offered are supportive to the core papers.	68	32	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81	19	0	0	100
5.	Profundity of the course content in the syllabus.	72	28	0	0	100
6.	Exact Sequence of the courses provided in the curriculum.	71	29	0	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	73	27	0	0	100
8.	Faculty Encouragement in learning process.	74	26	0	0	100

9.	Teaching and learning process enables clear understanding of the course content.	71	29	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	64	36	0	0.0	100
11.	Availability of library resources in central and departmental library.	81	19	0	0	100
12.	Reliability of Assessment and Evaluation Process.	70	30	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	70	30	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	69	31	0	0	100

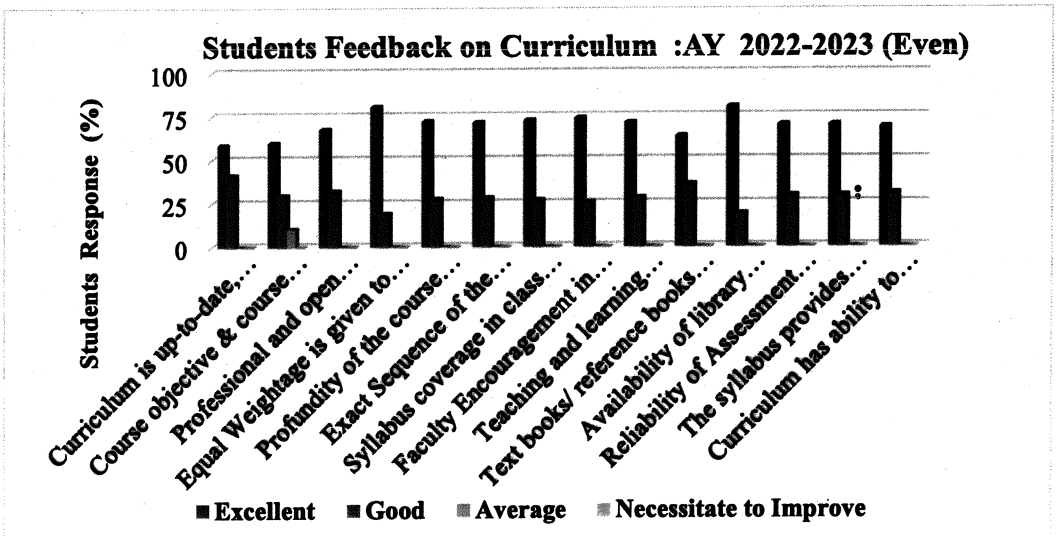
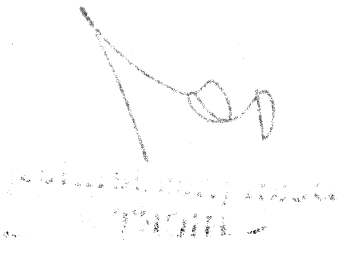
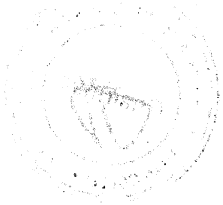


Fig.1. Student Feedback on Curriculum





Hindusthan College of Engineering and Technology
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B.TECH- FOOD TECHNOLOGY

ALUMINI FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2022-2023

B.Tech-Food Technology

Alumini Feedback on Curriculum: Academic Year 2022-2023 (Even)

Table.1. Consolidated Alumini Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	36	9	0	0	45
2.	Regulations and Scheme of Examination	39	6	0	0	45
3.	Semester-wise course content	35	10	0	0	45
4.	Content Delivery, Methodology & Learning Resources	33	12	0	0	45
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	34	11	0	0	45
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	32	13	0	0	45
7.	Availability of library resources supports Text and Reference Books suggested to study	29	12	4		45

- ✓ Mr. Siddharth proposed to do more innovative projects and seminars in the departments for the students to evolve in their own startups
- ✓ Ms. Ronitalini suggested to deliver contents in an effective way instead of the blackboard teaching method.

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B.TECH- FOOD TECHNOLOGY

PARENT FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2022-2023

- ❖ "Availability of the text and reference books in Central and Department library" scored 48 %, 38%, and 14% as excellent, good, and average respectively.

Suggestions

- ✓ Mr. Ravichandran R suggested to install machineries and to improve laboratory facilities.
- ✓ Mr. Kannan R gave opinion to upgrade the syllabus content of the course which encourage the students self-learning.

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B.TECH- FOOD TECHNOLOGY

EMPLOYER FEEDBACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2022-2023

3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	63	38	0	0	100
4	Offered Courses related to Industry/employability	63	38	0	0	100
5	Competencies/outcomes in relation to the course content	38	63	0	0	100
6	Tools used for designing the experiments in terms of existing practices in the industries	25	38	38	0	100
7	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	50	50	0	0	100

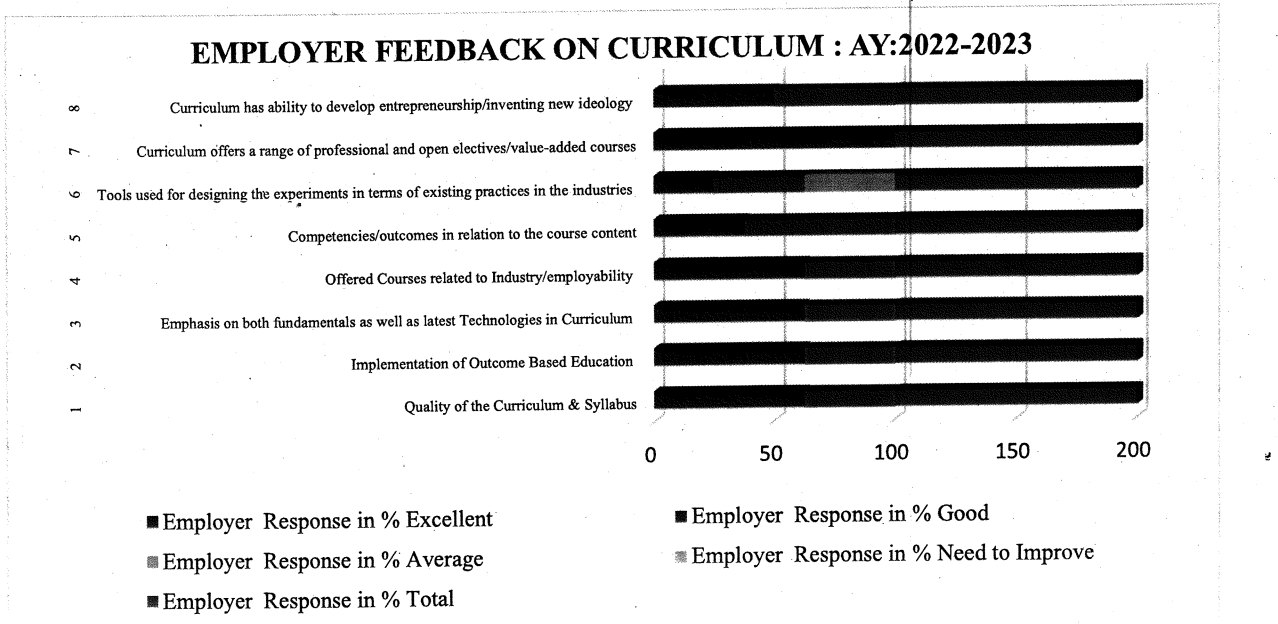

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below

- "Quality of the Curriculum & Syllabus" scored 63%, and 38% as excellent, and good respectively.

B.Tech-Food Technology

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Employers Response						
1	Quality of the Curriculum & Syllabus	5	3	0	0	8
2	Implementation of Outcome Based Education	5	3	0	0	8
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	3	0	0	8
4	Offered Courses related to Industry/employability	5	3		0	8
5	Competencies/outcomes in relation to the course content	3	5	0	0	8
6	Tools used for designing the experiments in terms of existing practices in the industries	2	3	3	0	8
7	Curriculum offers a range of professional and open electives/value-added courses	8	0	0	0	8
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	4	0	0	8

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	63	38	0	0	100
2	Implementation of Outcome Based Education	63	38	0	0	100

B.TECH - FOOD TECHNOLOGY

Syllabus Revision based Stakeholders suggestion -AY 2023-2024 (ODD)

Stakeholders	Stakeholders' suggestion	Course code & Name	Percentage of Revision (%)	Action Taken
Faculty	Dr. J. Deepa Suggested to include potions based on applications of heat and mass transfer	22FT3202- Fundamentals of Heat and Mass Transfer	12%	Included of topic in unit II, IV, V & Removed topics in unit V
Faculty	Dr. Navarasam R suggested to change repetition of experimnets in Food Microbiology Lab.	22FT3002 - Food Microbiology Laboratory	53.8%	Changes in experiment II, V, VI, IX, XII, XIII were implemented.
Faculty	Mr. Prem Kumar J suggested to include portions in marine processing.	2IFT5203- Poultry, Meat and Fish Processing Technology	50%	Changed title as Livestock and Fish Processing technology as per University nominee's suggestion. New portions were included in all the units.
Faculty	Dr. Deepa J suggested change of experiments that repeat in unit operations and unit operations in food processing laboratory	21FT5002 - Unit Operations in Food Processing Laboratory	30.7%	Changes in experiment VII, VIII, IX, XIII were suggested
Employer	Mr. Radha Krishnan suggested to include portions related to analytical equipment for flour-based products.	19FT7201R - Food Analysis and Quality Control	20 %	As per the suggestions, new portions were included in all the units. Few topics were deleted in Unit 1,2,3,5
Faculty	Mrs. Nageswari G suggested to include application-based topics such as innovative packaging technology and university nominee	19FT7202R - Food Packaging		Topics related to packaging materials; plastic packaging have been added. Suggestions were made by experts to include the

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B.Tech - INFORMATION TECHNOLOGY

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022 - 2023

B.Tech – Information Technology

Student Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	69	12	3	2	86
2.	Course objective & course outcomes are achieved in the syllabus.	71	9	6	0	86
3.	Professional and open Electives offered are supportive to the core papers.	70	15	1	0	86
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	70	8	8	0	86
5.	Profundity of the course content in the syllabus.	60	17	5	4	86
6.	Exact Sequence of the courses provided in the curriculum	66	17	3	0	86
7.	Syllabus coverage in class by the teaching faculty	77	2	7	0	86
8.	Faculty Encouragement in learning process	78	4	3	1	86
9.	Teaching and learning process enables clear understanding of the course content.	74	5	5	2	86
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	65	15	4	2	86
11.	Availability of library resources in central and departmental library.	64	8	10	4	86
12.	Reliability of Assessment and Evaluation Process.	67	12	4	3	86

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	66	8	10	2	86
14.	Curriculum has ability to develop Entrepreneurship and Employability.	52	19	14	1	86

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80	14	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	83	10	7	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	17	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81	9	9	0	100
5.	Profundity of the course content in the syllabus.	70	20	6	5	100
6.	Exact Sequence of the courses provided in the curriculum.	77	20	3	0	100
7.	Syllabus coverage in class by the teaching faculty.	90	2	8	0	100
8.	Faculty Encouragement in learning process.	91	5	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	86	6	6	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	76	17	5	2	100

11.	Availability of library resources in central and departmental library.	74	9	12	5	100
12.	Reliability of Assessment and Evaluation Process.	78	14	5	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	77	9	12	2	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60	22	16	1	100

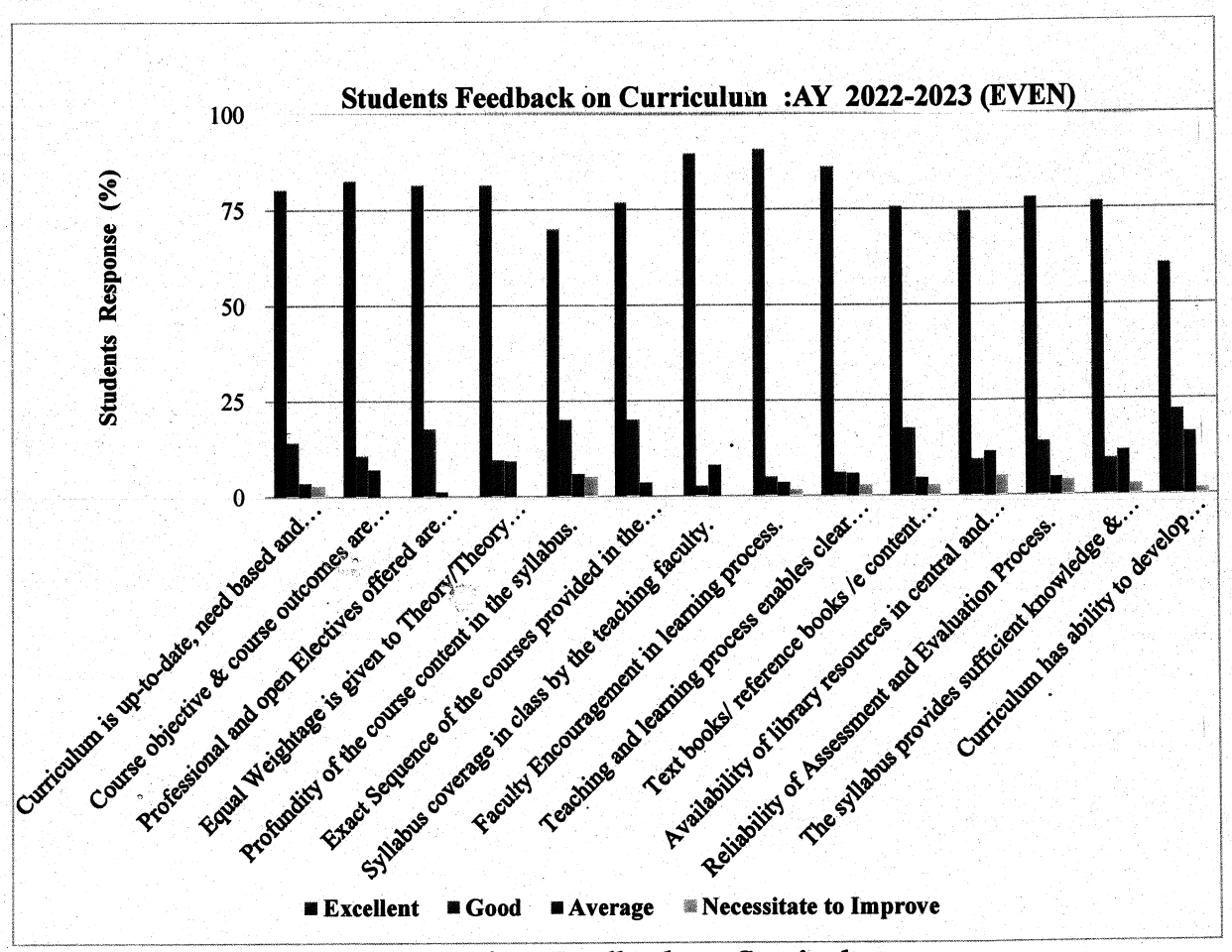

Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 80%, 14%, 3%, 2% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 83%, 10% and 7% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 81% as excellent, 17% as good and 1% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 81% as excellent, 9% as good and 9% as average.
5. Profundity of the course content in the syllabus scored 70%, 20%, 6%, 5% as Excellent, good, average and necessitate to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 77%, 20% and 3% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 90%, 2% and 8% as Excellent, good and average to improve respectively.
8. Faculty Encouragement in learning process scored 91% as excellent, 5% as good, 3% as average and 1% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 86% as excellent, 6% as good, 6% as average and 2% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 76% as excellent, 17% as good, 5% as average and 2% as necessity to improve.
11. Availability of library resources in central and departmental library scored 74% as excellent, 9% as good, 12% as average and 5% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 78% as excellent, 14% as good, 5% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 77%, 9%, 12% and 2% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 60% as excellent, 22% as good, 16% as average and 1% as necessity to improve.

Chairman - BoS
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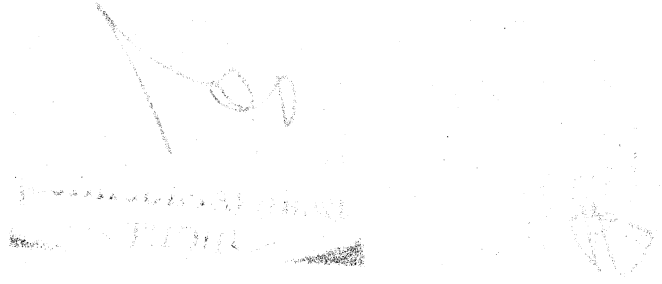

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.Tech - INFORMATION TECHNOLOGY

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Alumni Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	20	9	3	0	32
2.	Regulations and Scheme of Examination	22	5	5	0	32
3.	Semester-wise course content	25	4	3	0	32
4.	Content Delivery, Methodology & Learning Resources	26	2	4	0	32
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	20	8	4	0	32
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	25	1	6	0	32
7.	Availability of library resources supports Text and Reference Books suggested to study	27	5	0	0	32

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	63	28	9	0	100
2.	Regulations and Scheme of Examination	69	16	16	0	100
3.	Semester-wise course content	78	13	9	0	100
4.	Content Delivery, Methodology & Learning Resources	81	6	13	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	63	25	13	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	78	3	19	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	84	16	0	0	100

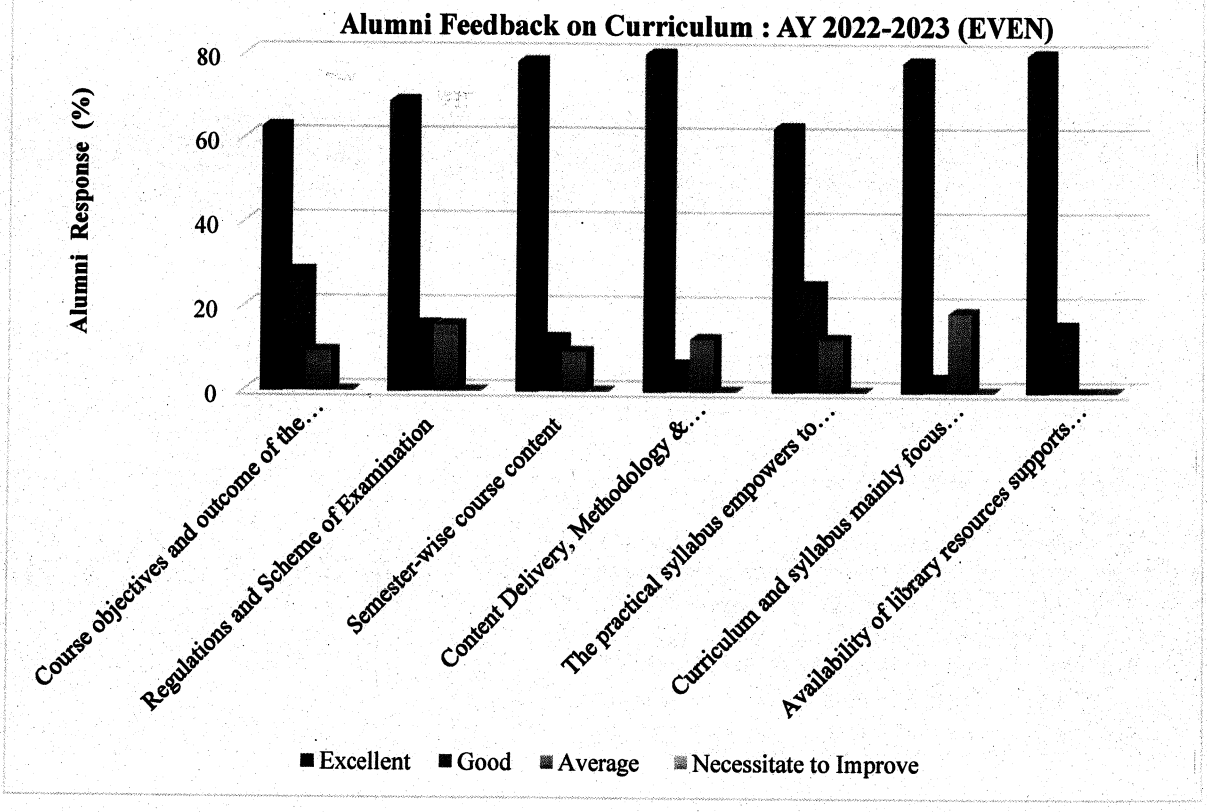

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 63% as excellent, 28% as good and 9% as average.
2. Regulations and Scheme of Examination scored 69% as excellent, 16% as good and 16% as average.
3. Semester-wise course content scored 78%, 13%, 9% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 81%, 6%, 13% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 63% as excellent, 25% as good and 13% as average.
6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/

Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 78% as excellent, 3% as good and 19% as average.

7. Availability of library resources supports Text and Reference Books suggested to study scored 84% as excellent and 16% as good

Chairman - BoS
IT - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.Tech - INFORMATION TECHNOLOGY

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Parents Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	10	6	2	0	18
2.	Teaching Faculty treat the students equally irrespective of the background	14	3	1	0	18
3.	Transparency of the evaluation system followed by the Institution	11	5	2	0	18
4.	Infrastructure and Lab Facility available to support the curriculum.	10	4	4	0	18
5.	Availability of the text and reference books in Central and Department library.	13	3	2	0	18

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	56	33	11	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	78	17	6	0	100
3.	Transparency of the evaluation system followed by the Institution	61	28	11	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	56	22	22	0	100
5.	Availability of the text and reference books in Central and Department library.	72	17	11	0	100

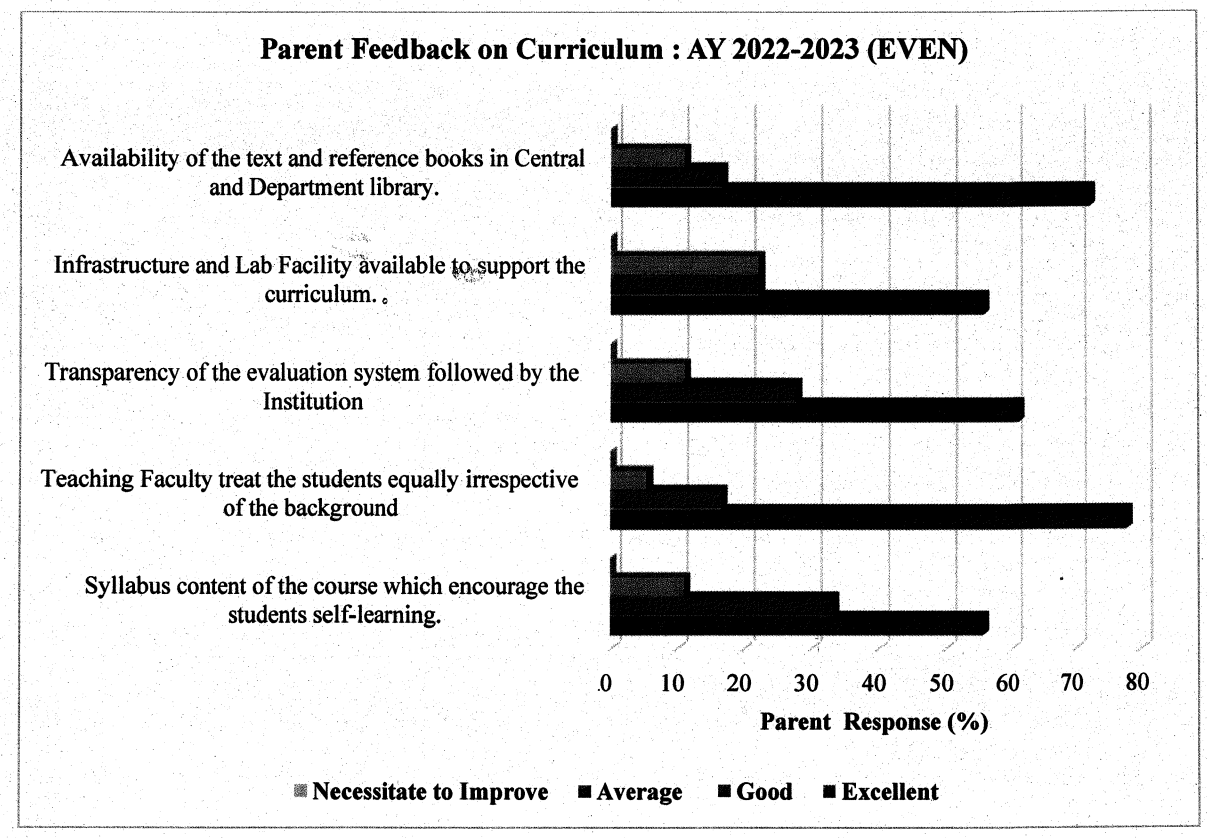

Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 56%, 33%, 11% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 78% as excellent, 17% as good and 6% as average.
3. Transparency of the evaluation system followed by the Institution scored 61%, 28%, 11% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 56% as excellent, 22% as good and 22% as average.
5. Availability of the text and reference books in Central and Department library scored 72%, 17%, 11% as excellent, good and average respectively.

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Hindusthan College of Engineering and Technology

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B.Tech - INFORMATION TECHNOLOGY

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Faculty Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	5	0	0	15
2.	Electives offered are supportive to the core papers	11	4	0	0	15
3.	Implementation of Outcome Based Education	12	3	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	13	2	0	0	15
6.	Semester-wise course content	14	1	0	0	15
7.	Content Delivery, Methodology and Learning Resources	12	3	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	67	33	0	0	100
2.	Electives offered are supportive to the core papers	73	27	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93	7	0	0	100
5.	Regulations and Scheme of Examination	87	13	0	0	100
6.	Semester-wise course content	93	7	0	0	100
7.	Content Delivery, Methodology and Learning Resources	80	20	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80	13	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93	7	0	0	100

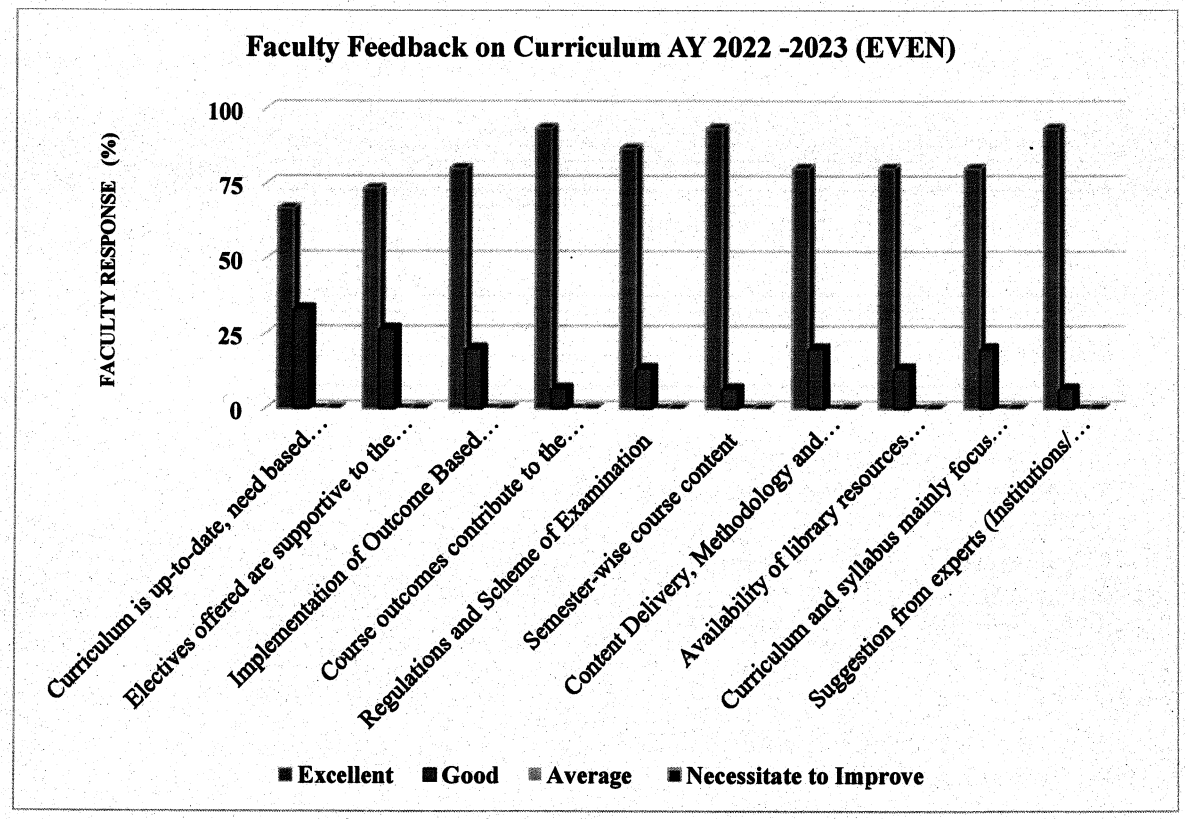

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 67% as excellent and 33% as good.
2. "Electives offered are supportive to the core papers" scored 73% and 27% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 80% and 20% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 93% as excellent and 7% as good.
5. "Regulations and Scheme of Examination" scored 87% and 13% as excellent and good respectively.
6. "Semester-wise course content" scored 93% and 7% as excellent and good respectively.

7. "Content Delivery, Methodology and Learning Resources" scored 80% as excellent and 20% as good.
8. " Availability of library resources supports Text and Reference Books suggested to study" scored 80% as excellent and 13% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 93% as excellent and 7% as good.

Suggestions by Faculty

1. Faculty members accepted the NPTEL course "Cloud Computing" and it is introduced as new course for the fast track students instead of Eighth semester professional elective course and the course title/ code is "19IT8313 – Cloud Computing"
2. Faculty members appreciated the AICTE Leadership in Teaching Excellence (LITE) course which is introduced as professional elective for the sixth, seventh and eighth semester for the third and final year students with three credits which inherits 50 internal marks from AICTE LITE and 50 marks as external practical exam. Newly introduced LITE courses are
    - 19IT6308 - Web Development – I
    - 19IT7307 - Web Development – II
    - 19IT8314 - Web Development - III
3. Faculty members suggested to introduce 19IT6003 - Project Based Learning with 51 project titles instead of 19IT6002 - Hardware and Software Clinic with 100% revision and this mini project course enables the students to upgrade themselves in industrial oriented technologies
4. Faculty members appreciated the Japanese language course (N4 & N5) which is offered to the students who are interested to learn Japanese language and the outcome of the Training shall help students to fetch better placement offers.

5. Faculty members accepted Value added course Infosys Spring Board which is introduced in every semester, which includes various courses for the students to enhance their technical skills.

Chairman - BoS
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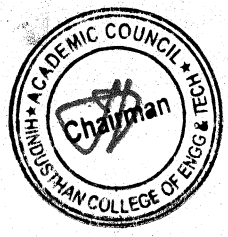

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.Tech - INFORMATION TECHNOLOGY

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2022-2023

B.Tech – Information Technology

Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	1	0	6
2.	Implementation of Outcome Based Education	3	1	1	1	6
3.	Quality of PEOs, POs and COs	2	2	1	1	6
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	1	2	0	6
6.	Content Delivery, Methodology and Learning Resources	3	3	0	0	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	33	17	0	100
2.	Implementation of Outcome Based Education	50	17	17	17	100
3.	Quality of PEOs, POs and COs	33	33	17	17	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	17	33	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	17	100
10.	Panel of Examiners	50	33	17	0	100

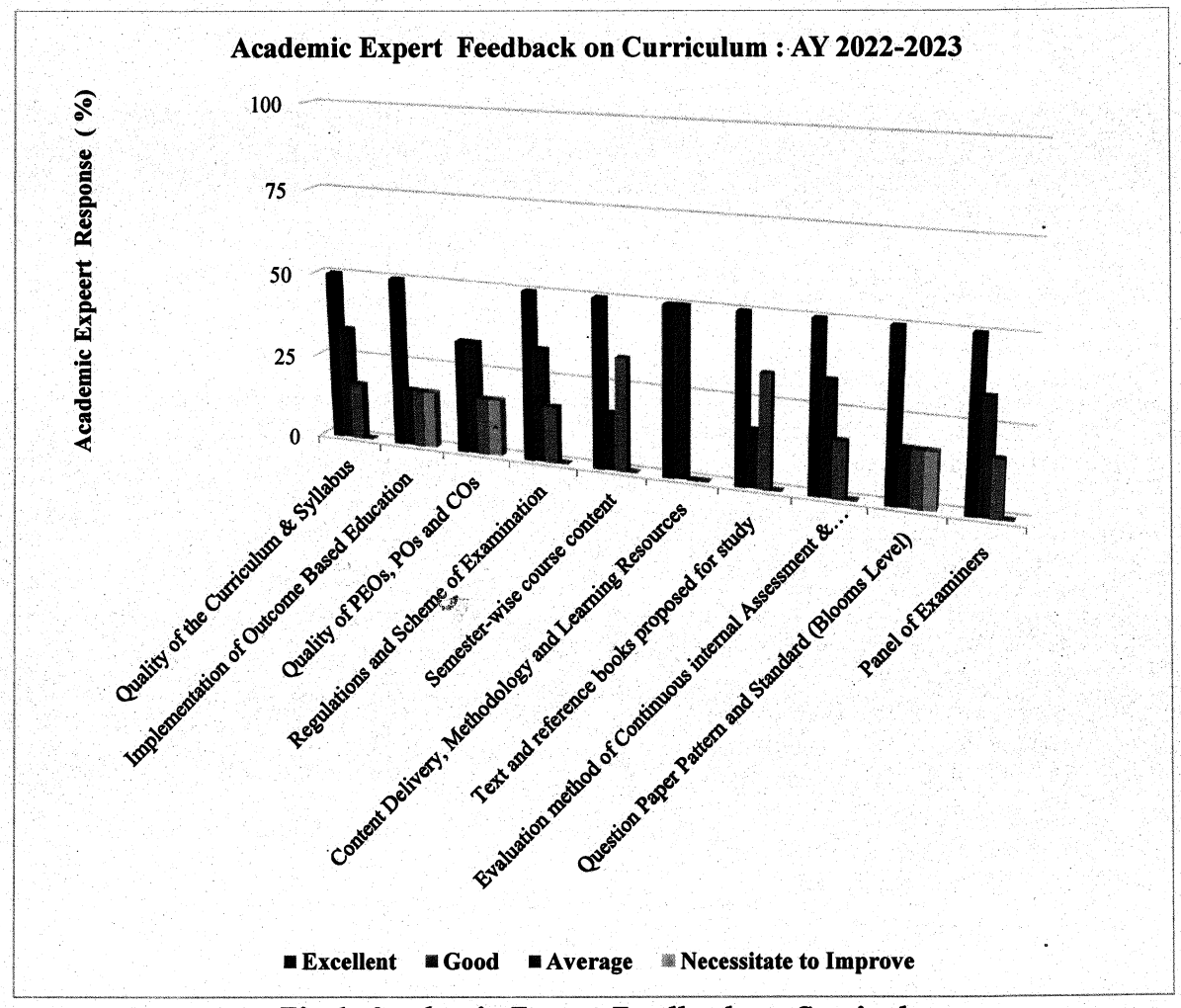

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 33%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 50% as excellent, 17% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 17% and 17% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 17%, 33% as excellent, good and average respectively.

6. Content Delivery, Methodology and Learning Resources scored 50% as excellent and 50% as good.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 50% as excellent, 17% as good, 17% as average and 17% as necessity to improve.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions by Expert members

- In "21IT4203R – Principles of Operating System", the Board of Studies subject expert Dr. K. Thulasimani suggested including one-hour time extra for lab so that timing would be sufficient for the students to complete the experiments properly.

- In "21IT4203R – Principles of Operating System", the Board of Studies subject expert Dr. S. Geetha recommended to include more process control and some advanced automation techniques so that it would be benefitted by students for their job role during the placements.

Chairman - BoS
IT - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.Tech - INFORMATION TECHNOLOGY

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.Tech – Information Technology

Employer Feedback on Curriculum: Academic Year 2022-2023 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	1	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	4	1	1	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	17	17	17	100
2.	Implementation of Outcome Based Education	67	17	17	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	33	0	0	100
4.	Offered Courses related to Industry/employability	67	17	17	0	100

5.	Competencies/outcomes in relation to the course content	50	33	17	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	67	17	17	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	67	33	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	67	17	17	0	100

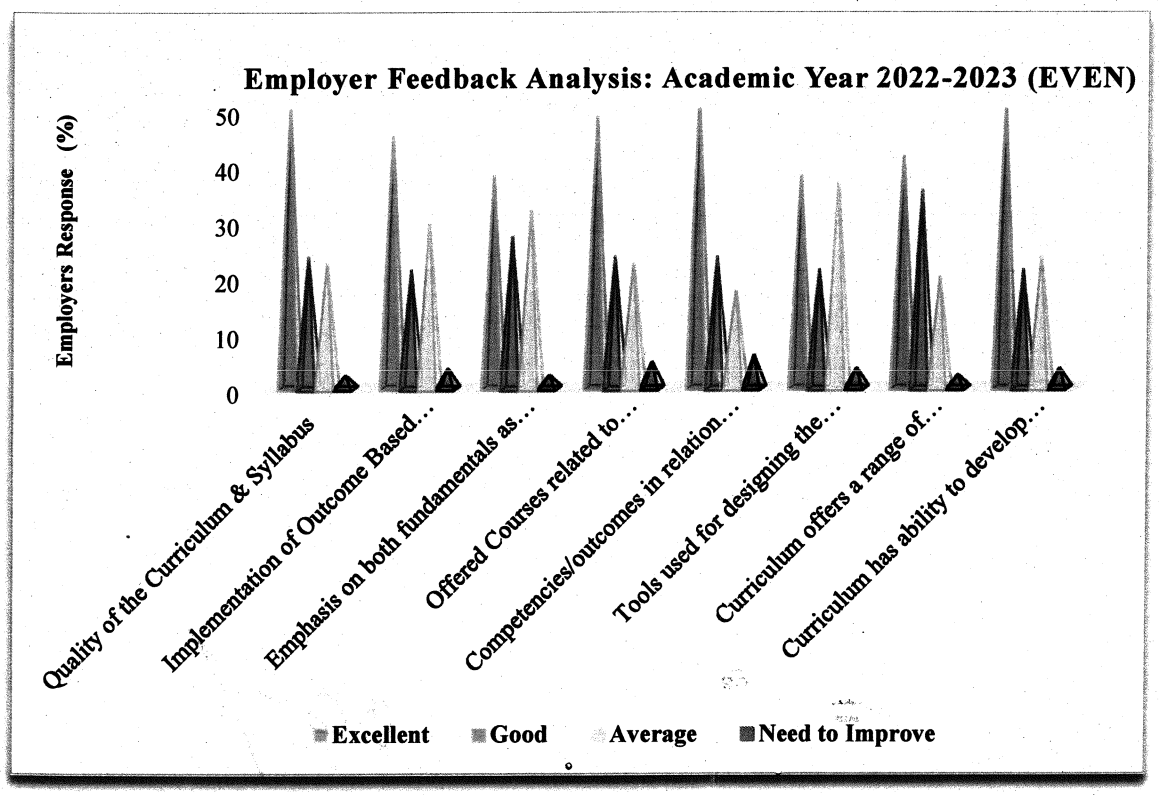

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 17%, 17%, 17% as excellent, good, average and necessity to improve respectively.
2. Implementation of Outcome Based Education scored 67% as excellent, 17% as good and 17% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 67% and 33% as excellent and good respectively.
4. Offered Courses related to Industry/employability scored 67%, 17% and 14% as excellent, good and average respectively.
5. Competencies/outcomes in relation to the course content scored 50% as excellent, 33% as good and 17% as necessity to improve.
6. Tools used for designing the experiments in terms of existing practices in the industries scored 67% as excellent, 17% as average and 17% as necessity to improve.
7. Curriculum offers a range of professional and open electives/value-added courses scored 67% and 33% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 67% as excellent, 17% as good and 17% as average respectively.

Chairman - BoS
IT - HiCET

HINDUSTHAN ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
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Coimbatore 641 032

B.E MECHANICAL ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	9	1	0	0	10
2.	Implementation of Outcome Based Education	6	4		0	10
3.	Quality of PEOs, POs and COs	8	2		0	10
4.	Regulations and Scheme of Examination	10	0	0	0	10
5.	Semester-wise course content	8	2	0	0	10
6.	Content Delivery, Methodology and Learning Resources	6	4		0	10
7.	Text and reference books proposed for study	6	2	2	0	10
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	6	2	2	0	10
9.	Question Paper Pattern and Standard (Blooms Level)	6	3	1	0	10
10.	Panel of Examiners	10	0	0	0	10

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	90	10	0	0	100
2	Implementation of Outcome Based Education	60	40	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	80	20	0	0	100
6.	Content Delivery, Methodology and Learning Resources	60	40	0	0	100
7.	Text and reference books proposed for study	60	20	20	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	60	20	20	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	60	30	10	0	100
10.	Panel of Examiners	100	0	0	0	100

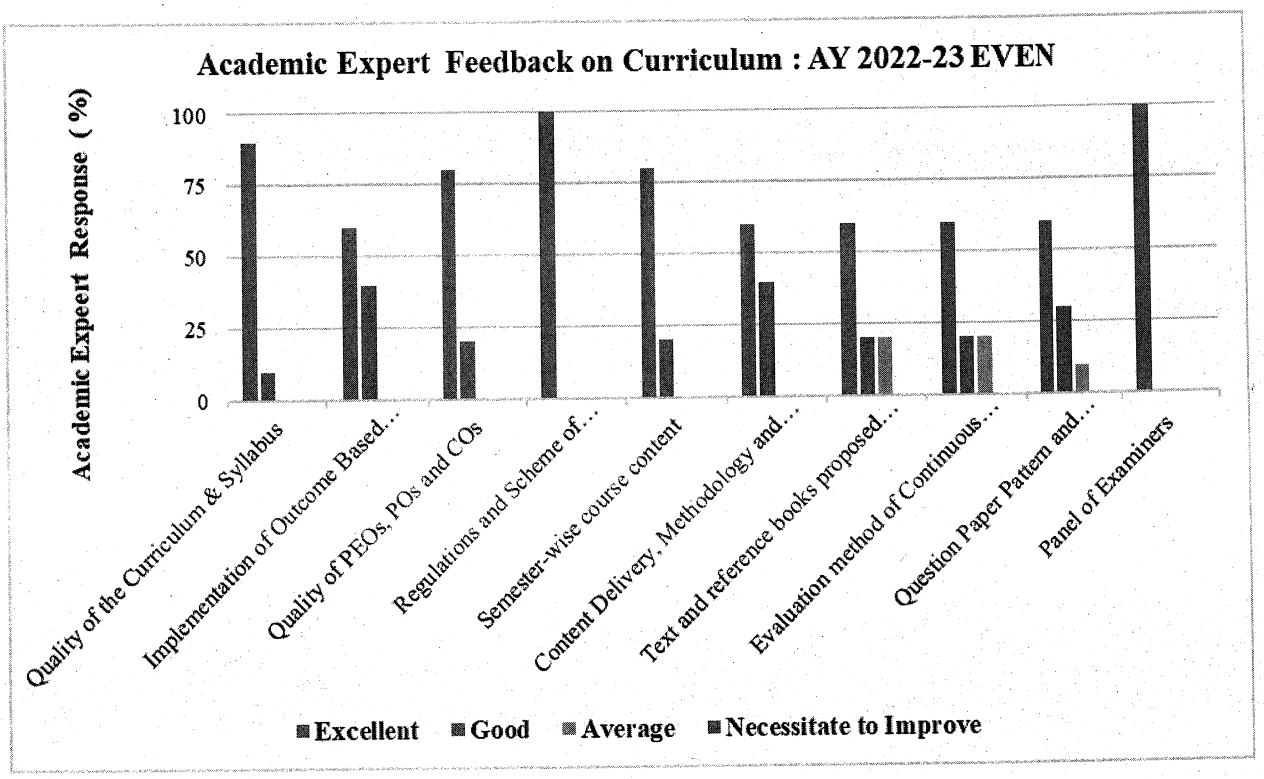

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 90% of Academic Experts are given as Excellent and 10% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 60% of Academic Experts are given as Excellent and 40% of Academic Experts are given are given as Good.
- The Quality of PEOs, POs and COs, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 60% of Academic Experts are given as Excellent and 40% of Academic Experts are given are given as Good.
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 60% of Academic Experts are given as Excellent, 20% of Academic Experts are given are given as Good and 20% of Academic Experts are given are given as Average.

- For Question Paper Pattern and Standard (Blooms Level), 60% of Academic Experts are given as Excellent and 30% of Academic Experts are given are given as Good and 10% are given as Average.
- For Panel of Examiners, 100% of Academic Experts are given as Excellent are given are given as Good.

Suggestions:

- suggested to introduce the topic in 19ME8183 Logistics and Supply Chain Management "IOT Can be included, Loading and unloading time" topic can be added.
- suggested to introduce the CAD/CAM course in Minor Degree Courses for R2022.

Chairman, Board of Studies

Chairman - BoS
MECH - HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Dean – Academics

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology

Coimbatore 641 032

B.E MECHANICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	87	8	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	6	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	96	2	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	90	5	5	0	100
6.	Exact Sequence of the courses provided in the curriculum	94	4	2	0	100
7.	Syllabus coverage in class by the teaching faculty	100	0	0	0	100
8.	Faculty Encouragement in learning process	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	6	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	91	5	3	0	99
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	87	8	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	6	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	96	2	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	90	5	5	0	100
6.	Exact Sequence of the courses provided in the curriculum.	94	4	2	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	6	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	5	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

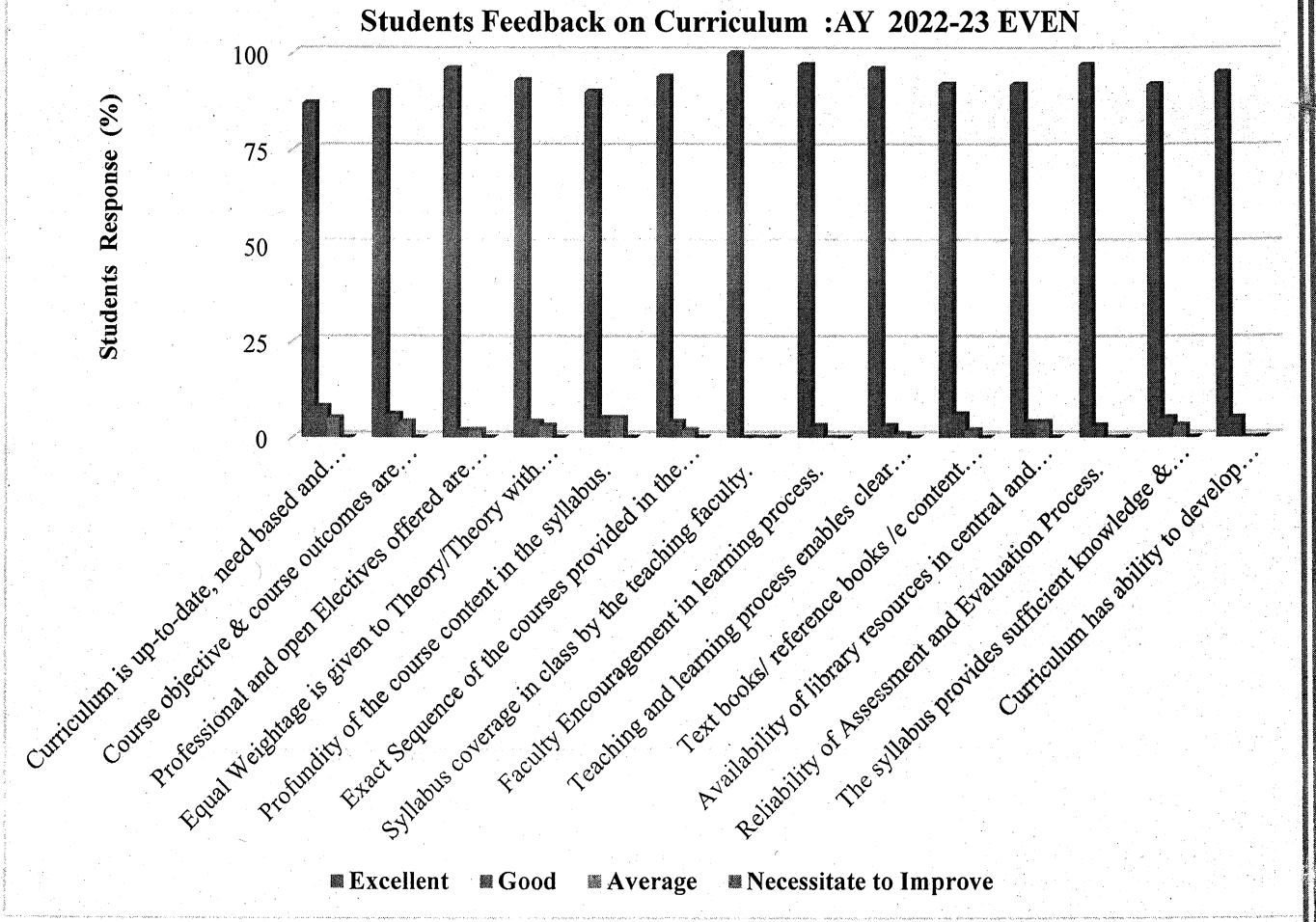

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied and only 5% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 90% of students are highly satisfied, 6% of students are satisfied only 4 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 96 % of students are highly satisfied and 2% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 93 % of students are very satisfied, 4% of students are satisfied and 3 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 90% of students are highly satisfied, 5% of students are satisfied only 5 % of students are moderately satisfied.

- In the case of Exact Sequence of the courses provided in the curriculum, 94 % of students are highly satisfied and 4% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 97 % of students are highly satisfied, 3% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 92% of students are highly satisfied, 6% of students are satisfied and only 2% of students are moderately satisfied.
- Availability of library resources in central and departmental library. 96% of students are highly satisfied, 4% of students are satisfied.
- Reliability of assessment & evaluation process 97% of students are highly satisfied, 3% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch, 97 % of students are highly satisfied, only 3% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- Arrange internship opportunities from semester III onwards to get exposure on industrial needs.
- Introduce electives or optional modules that allow students to explore specific industry-oriented topics or research areas.

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B.E MECHANICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	8	2	0	0	10
2.	Implementation of Outcome Based Education	7	2	1	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	10	0	0	0	10
4.	Offered Courses related to Industry/employability	10	0	0	0	10
5.	Competencies/outcomes in relation to the course content	8	2	0	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	8	2	0	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	10	0	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	8	2	0	0	10

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80	20	0	0	100
2.	Implementation of Outcome Based Education	70	20	10	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	80	20	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	80	20	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	80	20	0	0	100

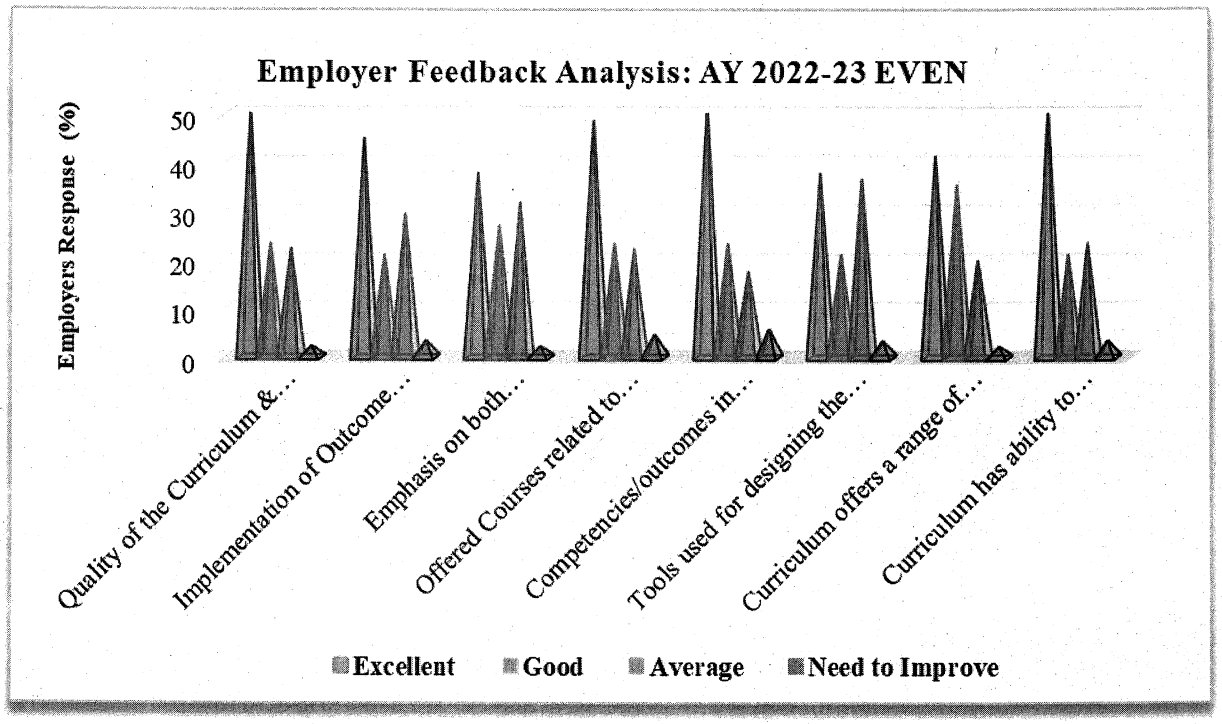

Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, 80% of Employers are given excellent, 20% of Employers are given good.
- Implementation of Outcome Based Education, 70% of Employers are given excellent, 20% of Employers are given good, also 10% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 100% of Employers are given excellent.
- Competencies/outcomes in relation to the course content, all 80% of Employers are given excellent, 20% of Employers are given good.
- Tools used for designing the experiments in terms of existing practices in the industries, 80% of Employers are given excellent, 20% of Employers are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 80% of Employers are given excellent, 20% of Employers are given good.

Suggestions:

- ✓ Suggested to include more industry oriented and recent industrial developments in the syllabus.
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include study based lab experiment to enhance the programming skill among the students.
- ✓ Ensure more number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ More number of skills oriented training programs to be conducted every year.

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B.E MECHANICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	33	7	0	0	40
2.	Regulations and Scheme of Examination	36	4	0	0	40
3.	Semester-wise course content	37	3	0	0	40
4.	Content Delivery, Methodology & Learning Resources	35	5	0	0	40
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	38	2	0	0	40
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	33	7	0	0	40
7.	Availability of library resources supports Text and Reference Books suggested to study	33	7	0	0	40

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	83	18	0	0	100
2.	Regulations and Scheme of Examination	90	10	0	0	100
3.	Semester-wise course content	93	8	0	0	100
4.	Content Delivery, Methodology & Learning Resources	88	13	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	95	5	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	83	18	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	83	18	0	0	100

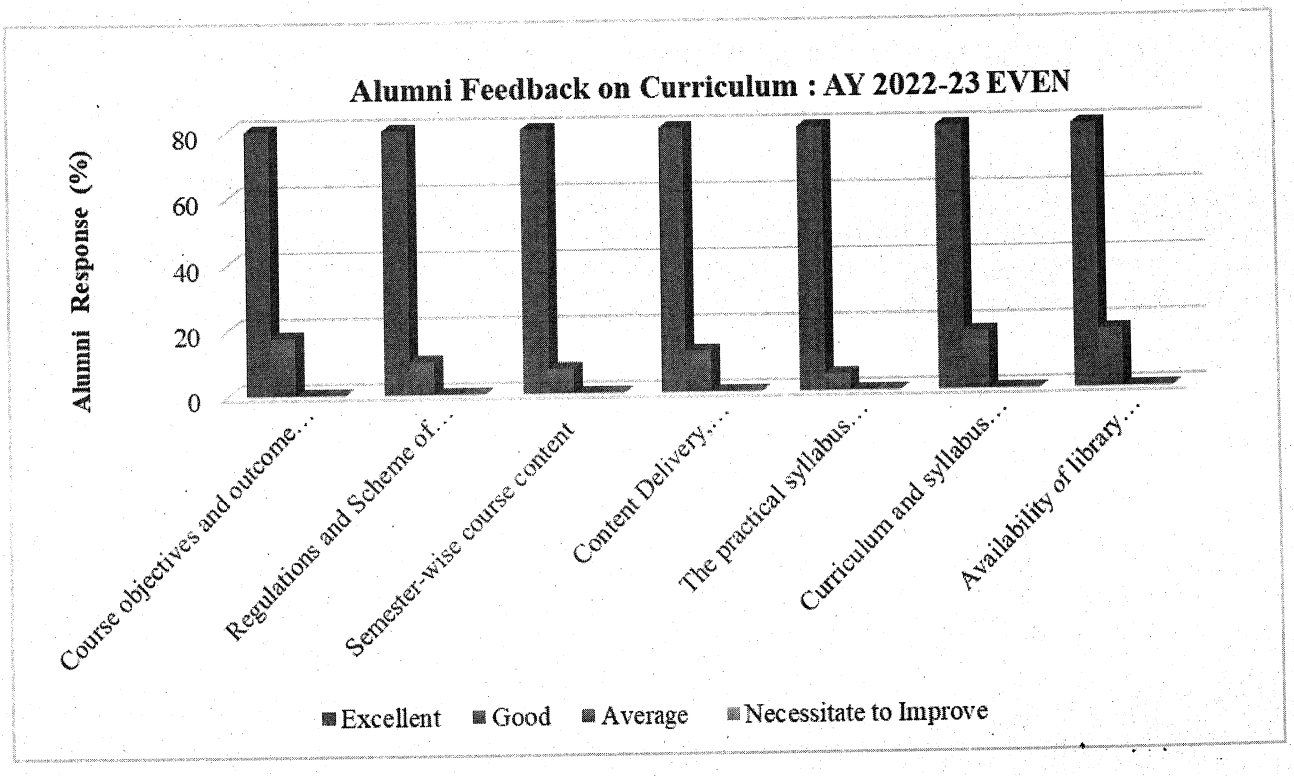

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 82% of Alumni are highly satisfied and 18% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination, 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content, 92 % of Alumni are highly satisfied, 8% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 88% of Alumni are highly satisfied and 12% of Alumni are satisfied
- Considering the use of the practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 83% of Alumni are highly satisfied, 17 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 82% of Alumni are highly satisfied, 18% of Alumni are satisfied.

Suggestions:

- suggested to introduce the CAD/CAM course in Minor Degree Courses.

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B.E MECHANICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	43	2	0	0	45
2.	Teaching Faculty treat the students equally irrespective of the background	40	5	0	0	45
3.	Transparency of the evaluation system followed by the Institution	42	3	0	0	45
4.	Infrastructure and Lab Facility available to support the curriculum.	41	4	0	0	45
5.	Availability of the text and reference books in Central and Department library.	43	2	0	0	45

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	96	4	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	89	11	0	0	100
3.	Transparency of the evaluation system followed by the Institution	93	7	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	91	9	0	0	100
5.	Availability of the text and reference books in Central and Department library.	96	4	0	0	100

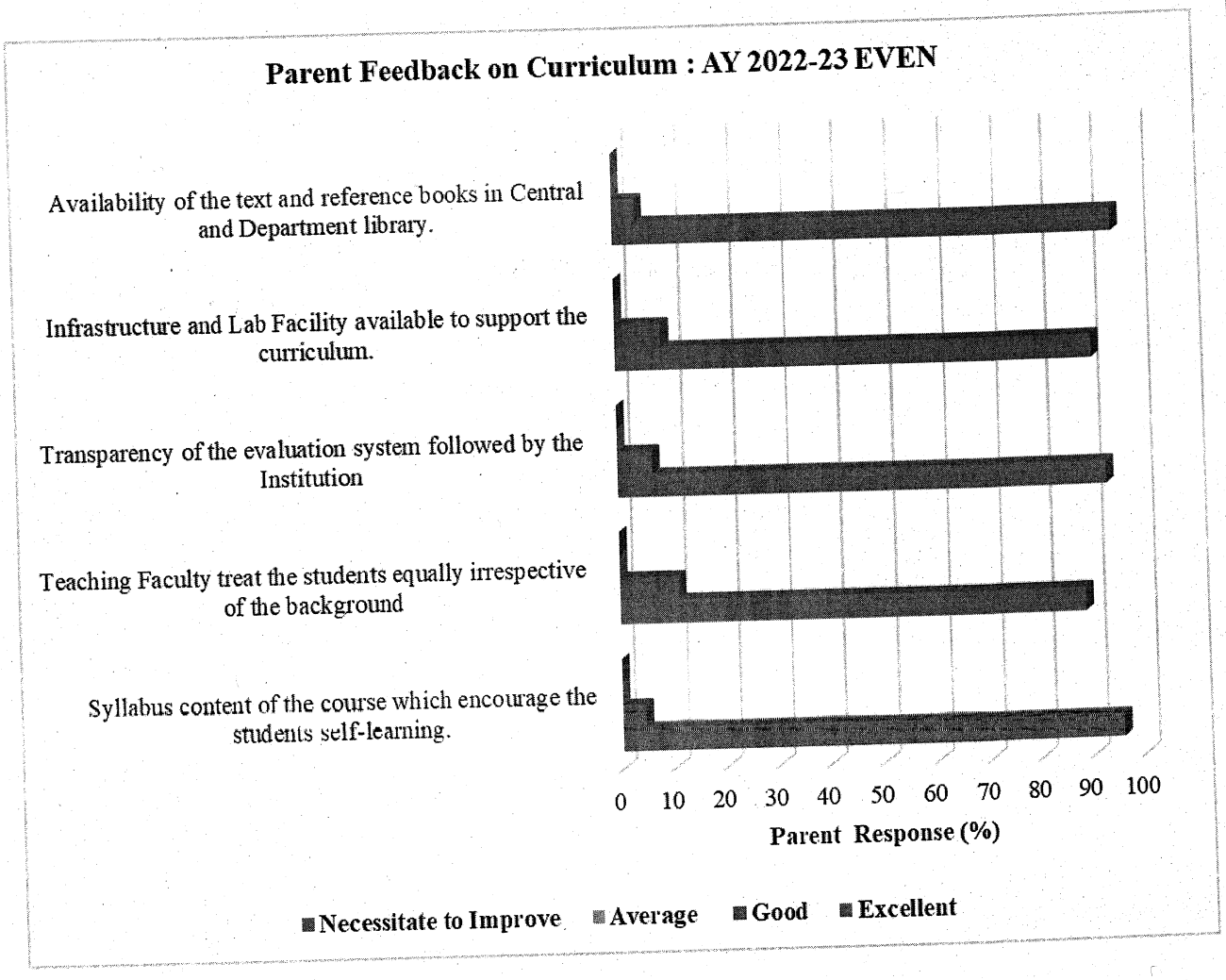

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 96 % of parents are highly satisfied, and 4% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 89 % of parents are satisfied and 11 % of parents are moderately satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 93 % of parents are highly satisfied and 7 % of parents are moderately satisfied.
- Infrastructure and Lab Facility available to support the curriculum 91 % of parents are highly satisfied, and 9 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 96 % of parents are satisfied and 4 % of parents are moderately satisfied.

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B.E MECHANICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E Mechanical Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	35	0	0	0	35
2.	Electives offered are supportive to the core papers	34	1	0	0	35
3.	Implementation of Outcome Based Education	30	5	0	0	35
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	32	3	0	0	35
5.	Regulations and Scheme of Examination	35	0	0	0	35
6.	Semester-wise course content	31	4	0	0	35
7.	Content Delivery, Methodology and Learning Resources	33	2	0	0	35
8.	Availability of library resources supports Text and Reference Books suggested to study	33	2	0	0	35
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	34	1	0	0	35
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	34	1	0	0	35

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessit ate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	97	3	0	0	100
3.	Implementation of Outcome Based Education	86	14	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	91	9	0	0	100
5.	Regulations and Scheme of Examination	100	0	0	0	100
6.	Semester-wise course content	89	11	0	0	100
7.	Content Delivery, Methodology and Learning Resources	94	6	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	94	6	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	97	3	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	97	3	0	0	100

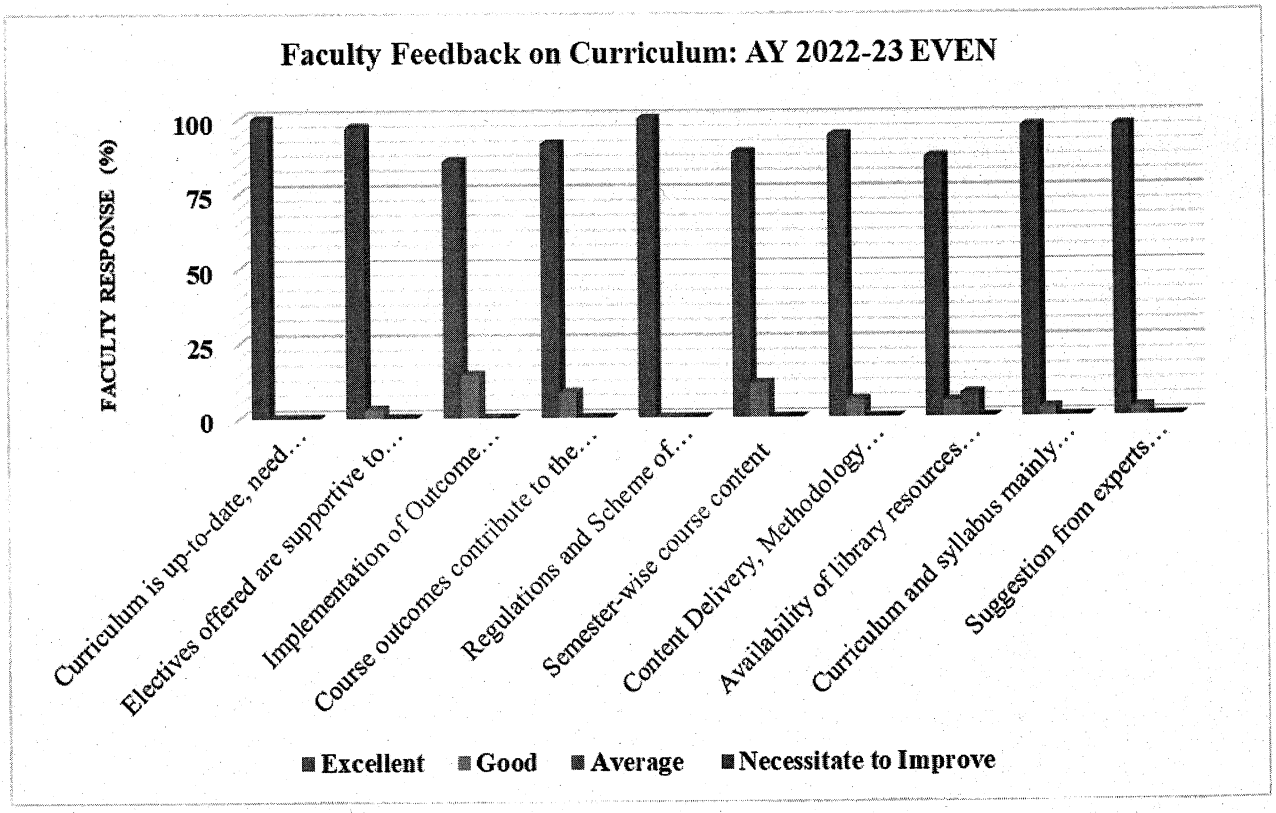

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.
- Implementation of Outcome Based Education, 86 % of faculties are highly satisfied and 14 % of faculties are satisfied.
- Course outcomes contribute to the fulfilment of program outcomes (PO) 91 % of faculties are highly satisfied and 9 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 94 % of faculties are highly satisfied and 6 % of faculties are good.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 94 % of faculties are highly satisfied and 6% of faculties are satisfied.

- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.
- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 97 % of faculties are highly satisfied and 3% of faculties are satisfied.

Suggestions:

- Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- Suggested to ensure Course objectives should be in line with Course outcomes.

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B.E MECHANICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	34	6	0	0	40
2.	Regulations and Scheme of Examination	38	2	0	0	40
3.	Semester-wise course content	37	3	0	0	40
4.	Content Delivery, Methodology & Learning Resources	35	5	0	0	40
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	38	2	0	0	40
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	34	6	0	0	40
7.	Availability of library resources supports Text and Reference Books suggested to study	32	8	0	0	40

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	85	15	0	0	100
2.	Regulations and Scheme of Examination	95	5	0	0	100
3.	Semester-wise course content	93	8	0	0	100
4.	Content Delivery, Methodology & Learning Resources	88	13	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	95	5	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	85	15	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	80	20	0	0	100

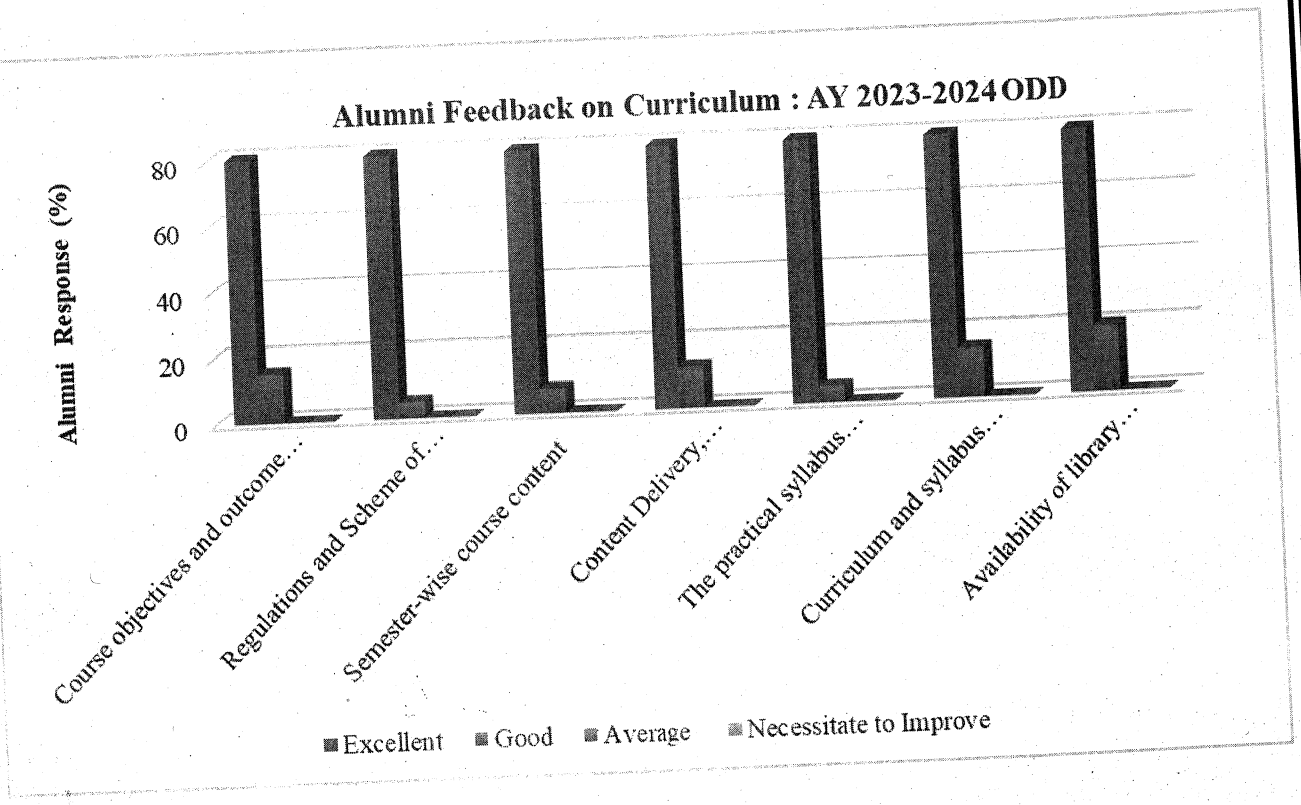

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 85% of Alumni are highly satisfied and 15% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination, 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content, 92 % of Alumni are highly satisfied, 8% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 88% of Alumni are highly satisfied and 12% of Alumni are satisfied
- Considering the use of the practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 85% of Alumni are highly satisfied, 15 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 80% of Alumni are highly satisfied, 20% of Alumni are satisfied.

Suggestions:

- Latest furnace is to be introduced in 'Manufacturing Technology I'.

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B.E Mechanical Engineering

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	90	5	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	92	4	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	89	6	5	0	100
6.	Exact Sequence of the courses provided in the curriculum	93	5	2	0	100
7.	Syllabus coverage in class by the teaching faculty	100	0	0	0	100
8.	Faculty Encouragement in learning process	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	94	4	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	90	6	4	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	90	5	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	92	4	4	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	89	6	5	0	100
6.	Exact Sequence of the courses provided in the curriculum.	93	5	2	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	94	4	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	90	6	4	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

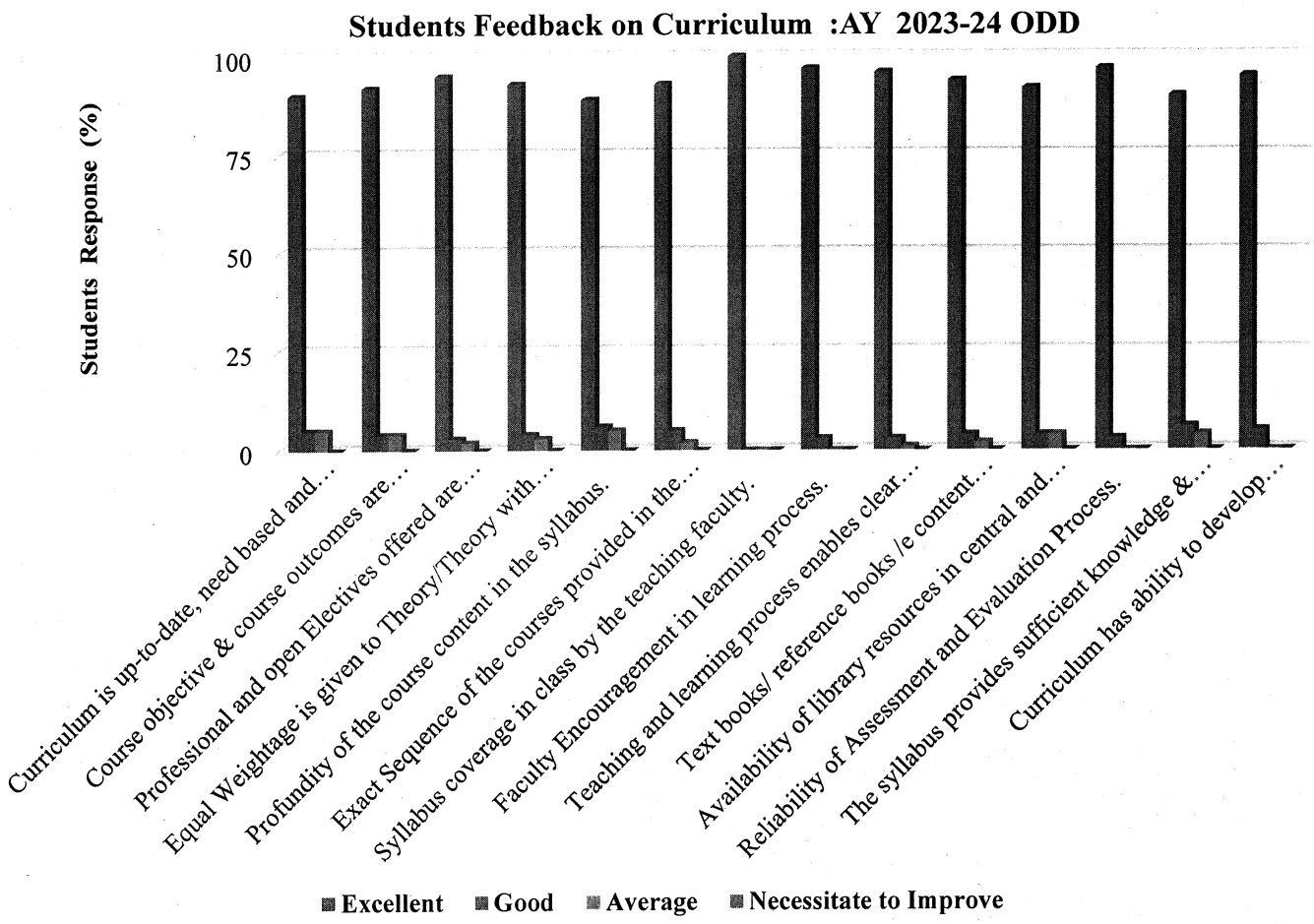

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied and only 5% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 92% of students are highly satisfied, 4% of students are satisfied only 4 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 93 % of students are very satisfied, 4% of students are satisfied and 3 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 89% of students are highly satisfied, 6% of students are satisfied only 5 % of students are moderately satisfied.

- In the case of Exact Sequence of the courses provided in the curriculum, 98 % of students are highly satisfied and 4% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 97 % of students are highly satisfied, 3% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 94% of students are highly satisfied, 4% of students are satisfied and only 2% of students are moderately satisfied.
- Availability of library resources in central and departmental library. 96% of students are highly satisfied, 4% of students are satisfied.
- Reliability of assessment & evaluation process 97% of students are highly satisfied, 3% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch, 96 % of students are highly satisfied, only 4% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- Other than department specific minor, provide general minor degree domain courses like Entrepreneurship, Finance etc.
- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- Introduce electives or optional modules that allow students to explore specific industry-oriented topics or research areas.

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Hindusthan College of Engineering and Technology
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B.E MECHANICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	42	3	0	0	45
2.	Teaching Faculty treat the students equally irrespective of the background	40	5	0	0	45
3.	Transparency of the evaluation system followed by the Institution	44	1	0	0	45
4.	Infrastructure and Lab Facility available to support the curriculum.	41	4	0	0	45
5.	Availability of the text and reference books in Central and Department library.	41	4	0	0	45

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	93	7	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	89	11	0	0	100
3.	Transparency of the evaluation system followed by the Institution	98	2	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	91	9	0	0	100
5.	Availability of the text and reference books in Central and Department library.	91	9	0	0	100

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B.E MECHANICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	8	2	0	0	10
2.	Implementation of Outcome Based Education	8	2	0	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	10	0	0	0	10
4.	Offered Courses related to Industry/employability	10	0	0	0	10
5.	Competencies/outcomes in relation to the course content	8	2	0	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	7	2	1	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	10	0	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	8	2	0	0	10

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80	20	0	0	100
2.	Implementation of Outcome Based Education	80	20	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	80	20	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	70	20	10	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	80	20	0	0	100

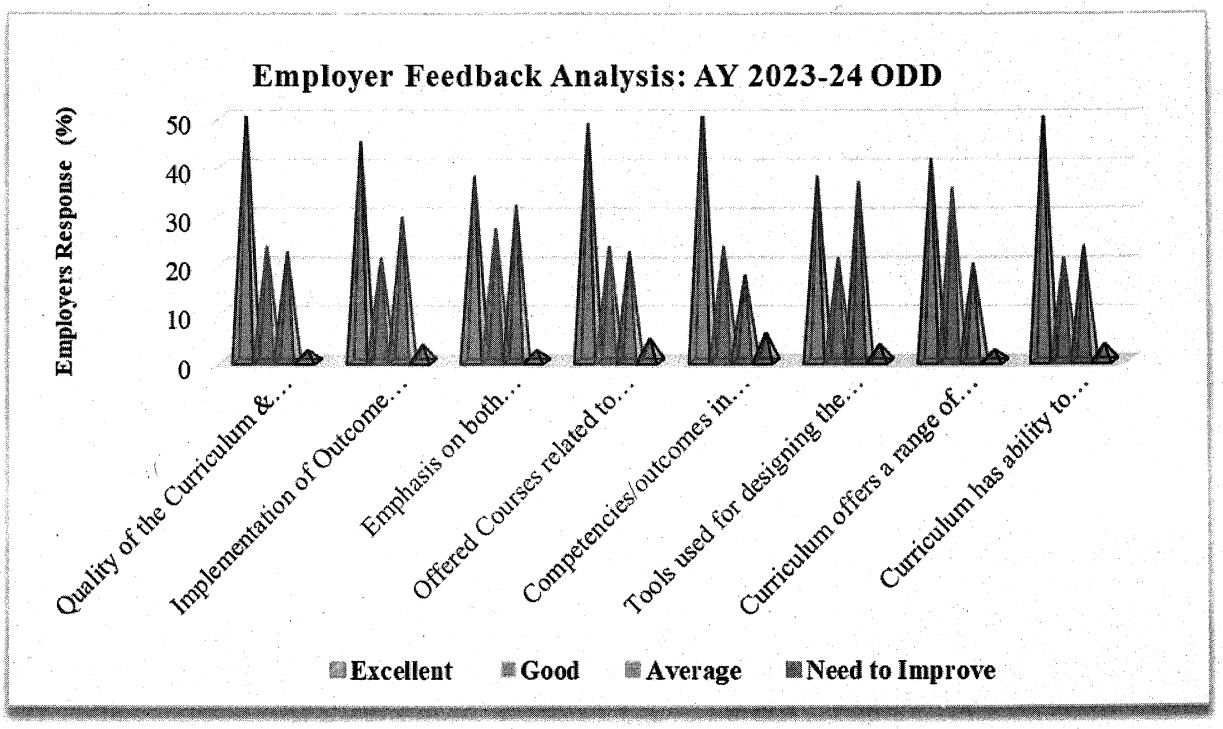

Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, 80% of Employers are given excellent, 20% of Employers are given good.
- Implementation of Outcome Based Education, 80% of Employers are given excellent, 20% of Employers are given good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 100% of Employers are given excellent.
- Competencies/outcomes in relation to the course content, all 80% of Employers are given excellent, 20% of Employers are given good.
- Tools used for designing the experiments in terms of existing practices in the industries, 70% of Employers are given excellent, 20% of Employers are given good and 10% of employers are given Average.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.

Curriculum has ability to develop entrepreneurship/inventing new ideology, 80% of nployers are given excellent, 20% of Employers are given good.

Suggestions:

- ✓ Suggested to include more industry oriented and recent industrial developments in the syllabus.
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include study based lab experiment to enhance the programming skill among the students.
- ✓ Ensure more number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ More number of skills oriented training programs to be conducted every year.

Chairman, Board of Studies

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B.E MECHANICAL ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Academic Expert Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	9	1	0	0	10
2.	Implementation of Outcome Based Education	6	4	0	0	10
3.	Quality of PEOs, POs and COs	8	2	0	0	10
4.	Regulations and Scheme of Examination	10	0	0	0	10
5.	Semester-wise course content	8	2	0	0	10
6.	Content Delivery, Methodology and Learning Resources	6	4	0	0	10
7.	Text and reference books proposed for study	7	3	0	0	10
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	7	3	1	0	11
9.	Question Paper Pattern and Standard (Blooms Level)	8	2	0	0	10
10.	Panel of Examiners	10	0	0	0	10

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	90	10	0	0	100
2	Implementation of Outcome Based Education	60	40	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	80	20	0	0	100
6.	Content Delivery, Methodology and Learning Resources	60	40	0	0	100
7.	Text and reference books proposed for study	70	30	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	64	27	9	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	80	20	0	0	100
10.	Panel of Examiners	100	0	0	0	100

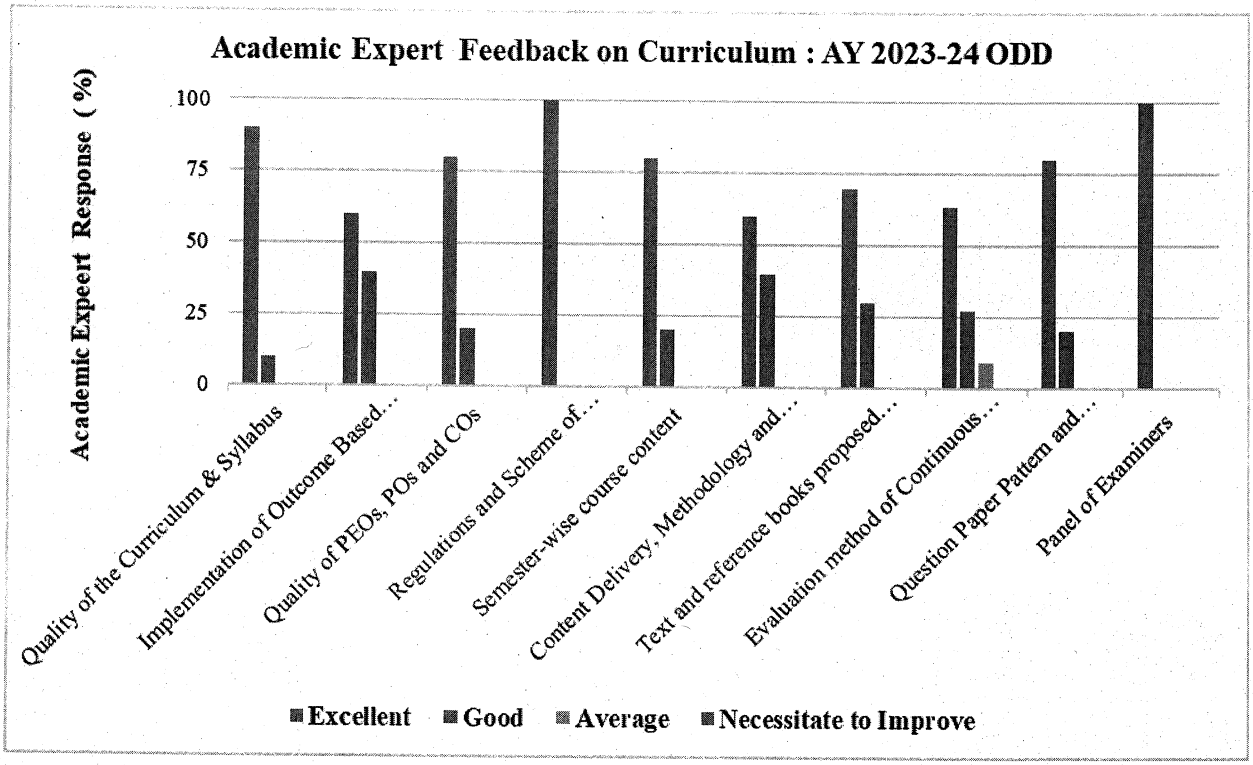

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 90% of Academic Experts are given as Excellent and 10% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 60% of Academic Experts are given as Excellent and 40% of Academic Experts are given are given as Good.
- The Quality of PEOs, POs and COs, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 60% of Academic Experts are given as Excellent and 40% of Academic Experts are given are given as Good.
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 64% of Academic Experts are given as Excellent, 27% of Academic Experts are given are given as Good.
- For Question Paper Pattern and Standard (Blooms Level), 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.

- For Panel of Examiners, 100% of Academic Experts are given as Excellent are given are given as Good.

Suggestions:

- suggested that Open electives should have a practical exposure for R2022.
- Suggested to issue minor degree based upon specialization for R2022.

Chairman, Board of Studies

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B.E MECHANICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2023-2024

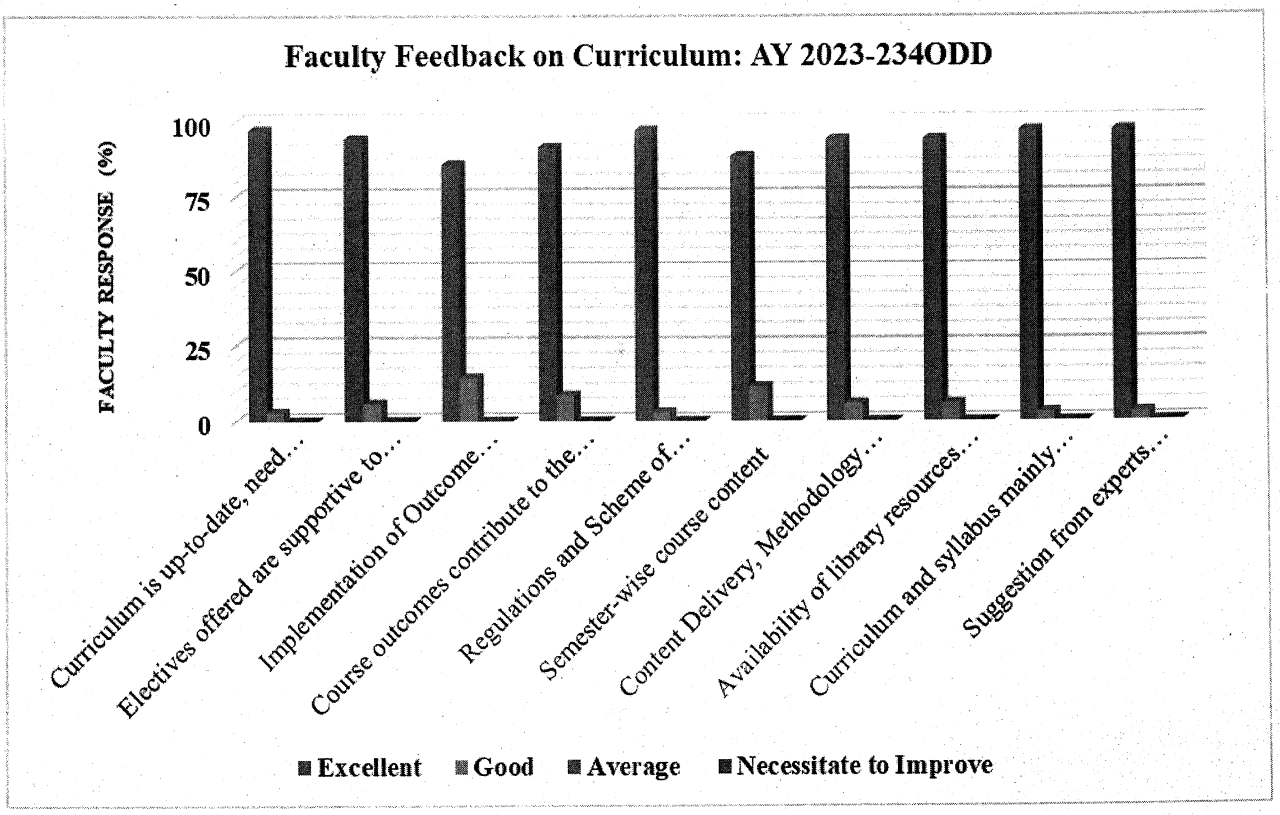

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 94 % of faculties are highly satisfied and 6 % of faculties are satisfied.
- Implementation of Outcome Based Education, 86 % of faculties are highly satisfied and 14 % of faculties are satisfied.
- Course outcomes contribute to the fulfilment of program outcomes (PO) 91 % of faculties are highly satisfied and 9 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 94 % of faculties are highly satisfied and 6 % of faculties are good.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 94 % of faculties are highly satisfied and 6% of faculties are satisfied.

- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.
- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 97 % of faculties are highly satisfied and 3% of faculties are satisfied.

Suggestions:

- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- ❖ Suggested to ensure Course objectives should be in line with Course outcomes.

Chairman, Board of Studies

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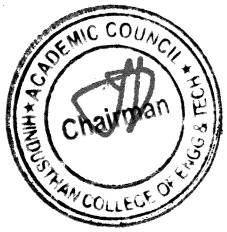
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ALUMNI FEED BACK ANALYSIS

2022-2023



B.E-Mechatronics Engineering

AlumniFeedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	58	32	14		104
2.	Regulations and Scheme of Examination	73	19	12		104
3.	Semester-wise course content	58	31	15		104
4.	Content Delivery, Methodology & Learning Resources	55	30	19		104
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	58	30	16		104
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	48	30	26		104
7.	Availability of library resources supports Text and Reference Books suggested to study	41	31	32		104

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Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	56	31	13	0	100
2.	Regulations and Scheme of Examination	70	18	12	0	100
3.	Semester-wise course content	56	30	14	0	100
4.	Content Delivery, Methodology & Learning Resources	53	29	18	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	56	29	15	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	46	29	25	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	39	30	31	0	100



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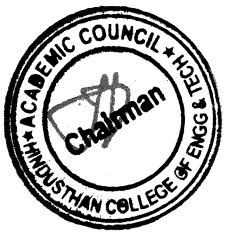
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ACADEMIC EXPERT FEED BACK ANALYSIS

2022-2023



B.E-Mechatronics Engineering

Academic Expert Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	1	2	2		5
	Implementation of Outcome Based Education	1	2	2		5
3.	Quality of PEOs, POs and COs	1	2	1	1	5
4.	Regulations and Scheme of Examination	1	2	2		5
5.	Semester-wise course content		2	3		5
6.	Content Delivery, Methodology and Learning Resources	2	3			5
7.	Text and reference books proposed for study	3	1	1		5
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	2	2	1		5
9.	Question Paper Pattern and Standard (Blooms Level)	2	1	1	1	5
10.	Panel of Examiners	1	2	1	1	5

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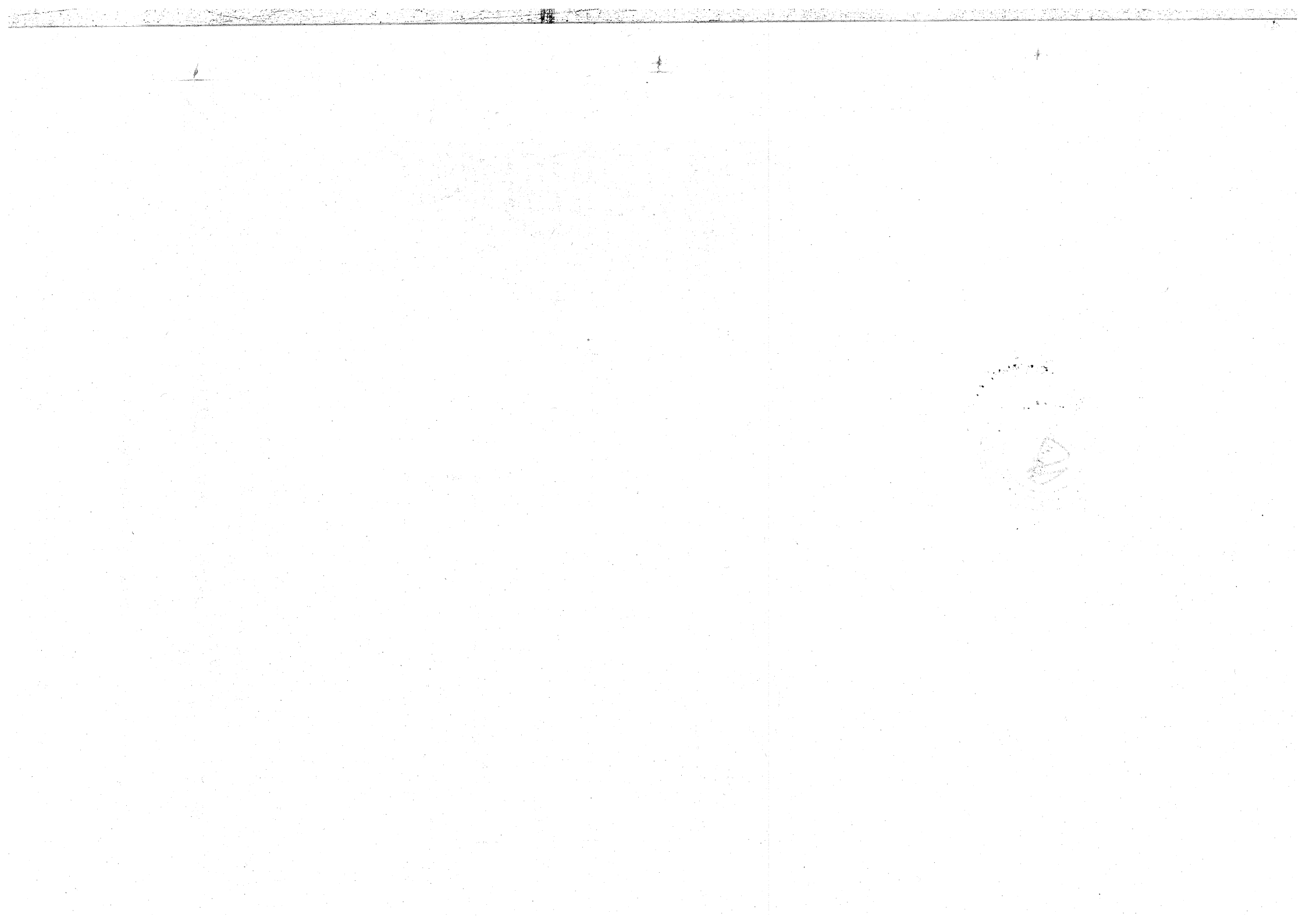


Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	20	40	40	0	100
	Implementation of Outcome Based Education	20	40	40	0	100
3.	Quality of PEOs, POs and COs	20	40	20	20	100
4.	Regulations and Scheme of Examination	20	40	40	0	100
5.	Semester-wise course content	0	40	60	0	100
6.	Content Delivery, Methodology and Learning Resources	40	60	0	0	100
7.	Text and reference books proposed for study	60	20	20	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	40	40	20	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	40	20	20	20	100
10.	Panel of Examiners	20	40	20	20	100

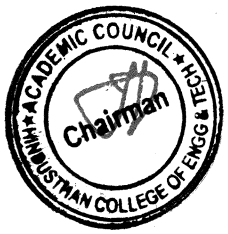
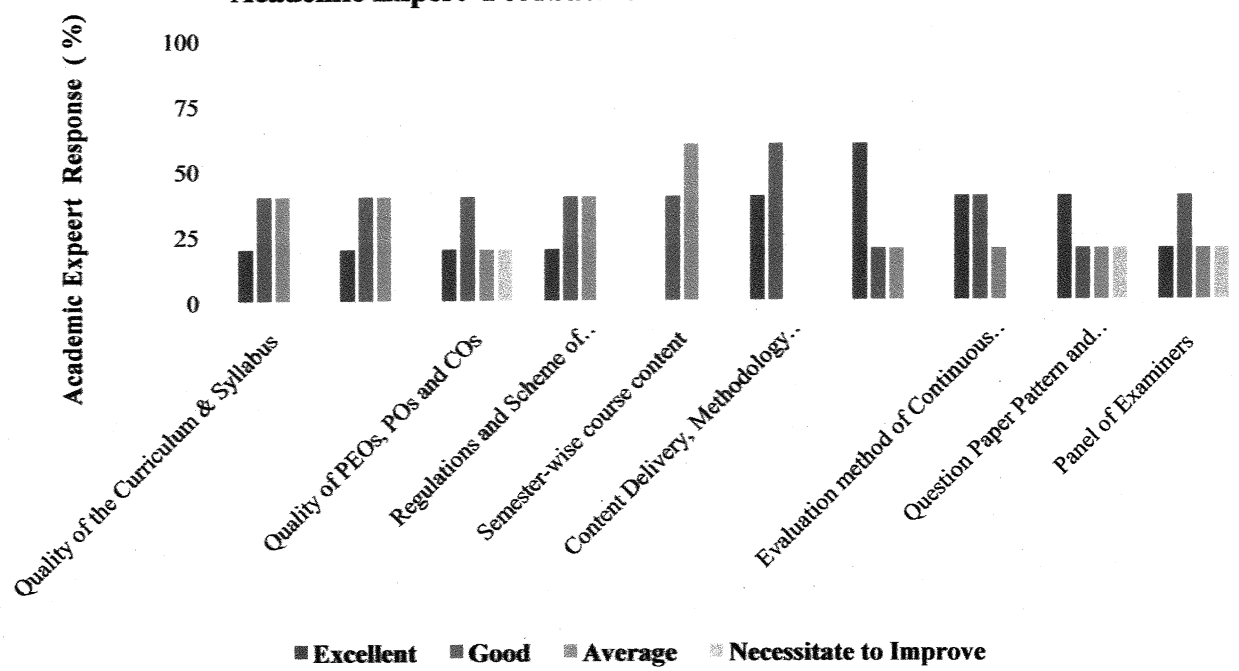


Fig.1.

Academic Expert Feedback on Curriculum : AY 2022-2023



Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.

ACADEMIC COUNCIL * Chairman * HINDUSTHAN COLLEGE OF ENGG. & TECH.

- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Chairman - BoS
MCT - HiCET

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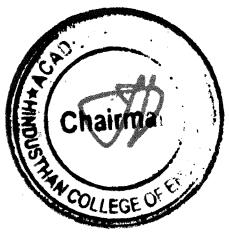
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

EMPLOYER FEEDBACK ANALYSIS

2022-2023



B.E-Mechatronics Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employers Response					
1	Quality of the Curriculum & Syllabus	23	10	8	2	43
2	Implementation of Outcome Based Education	28	8	5	2	43
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	20	13	7	3	43
4	Offered Courses related to Industry/employability	21	10	8	4	43
5	Competencies/outcomes in relation to the course content	24	10	5	4	43
6	Tools used for designing the experiments in terms of existing practices in the industries	22	8	11	2	43
7	Curriculum offers a range of professional and open electives/value-added courses	25	10	7	1	43
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	26	8	6	3	43

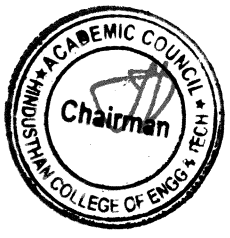
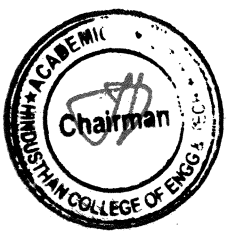




Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	53	23	19	5	100
2	Implementation of Outcome Based Education	65	19	12	5	100
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	47	30	16	7	100
4	Offered Courses related to Industry/employability	49	23	19	9	100
5	Competencies/outcomes in relation to the course content	56	23	12	9	100
6	Tools used for designing the experiments in terms of existing practices in the industries	51	19	26	5	100
7	Curriculum offers a range of professional and open electives/value-added courses	58	23	16	2	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	60	19	14	7	100



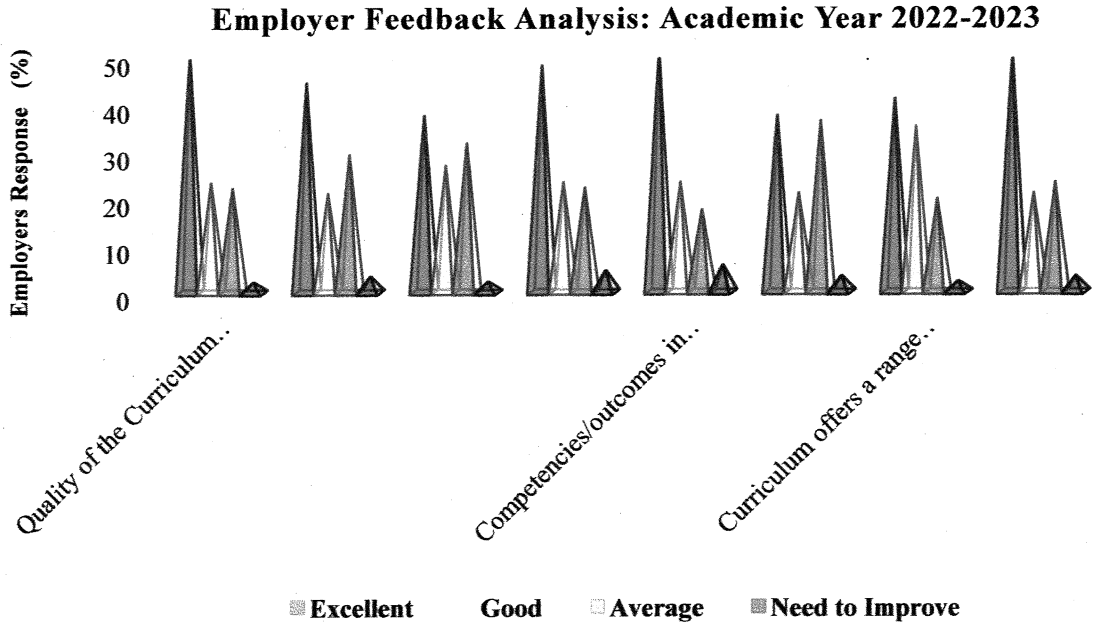
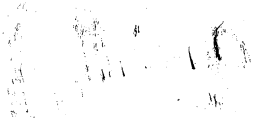


Fig.1.EmployerFeedback on Curriculum

REPORT

The Employerresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.



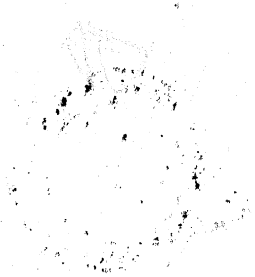


- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Chairman - BoS
MCT - HiCET

Dean (Academics)
HiCET

ACADEMIC Chairman HINDUSTHAN COLLEGE OF ENGG & TECH



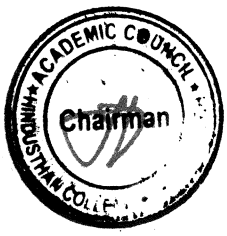
Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

FACULTY FEED BACK ANALYSIS

2022-2023





B.E-Mechatronics Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

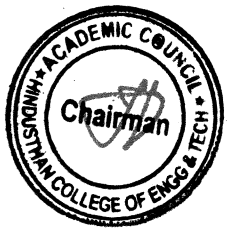
Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	14				14
2.	Electives offered are supportive to the core papers	13	1			14
3.	Implementation of Outcome Based Education	13	1			14
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14				14
5.	Regulations and Scheme of Examination	13	1			14
6.	Semester-wise course content	14				14
7.	Content Delivery, Methodology and Learning Resources	12	1			13
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2			14
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	14				14
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14				14



Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	92.86	7.14	0	0	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	92.86	7.14	0	0	100
4.	Representation from experts (in BoS helps to design and update syllabus	100.00	0.00	0	0	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	92.86	7.14	0	0	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	100.00	0.00	0	0	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	92.31	7.69	0	0	100
8.	Our training and placement courses for the curriculum makes students industry ready	85.71	14.29	0	0	100
9.	OBE attainment of your course/ programme	100.00	0.00	0	0	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	100.00	0.00	0	0	100
11.	Availability of library resources	100	0	0	0	100
12.	Learning opportunities for your career advancement in the institution	92.86	7.14	0	0	100





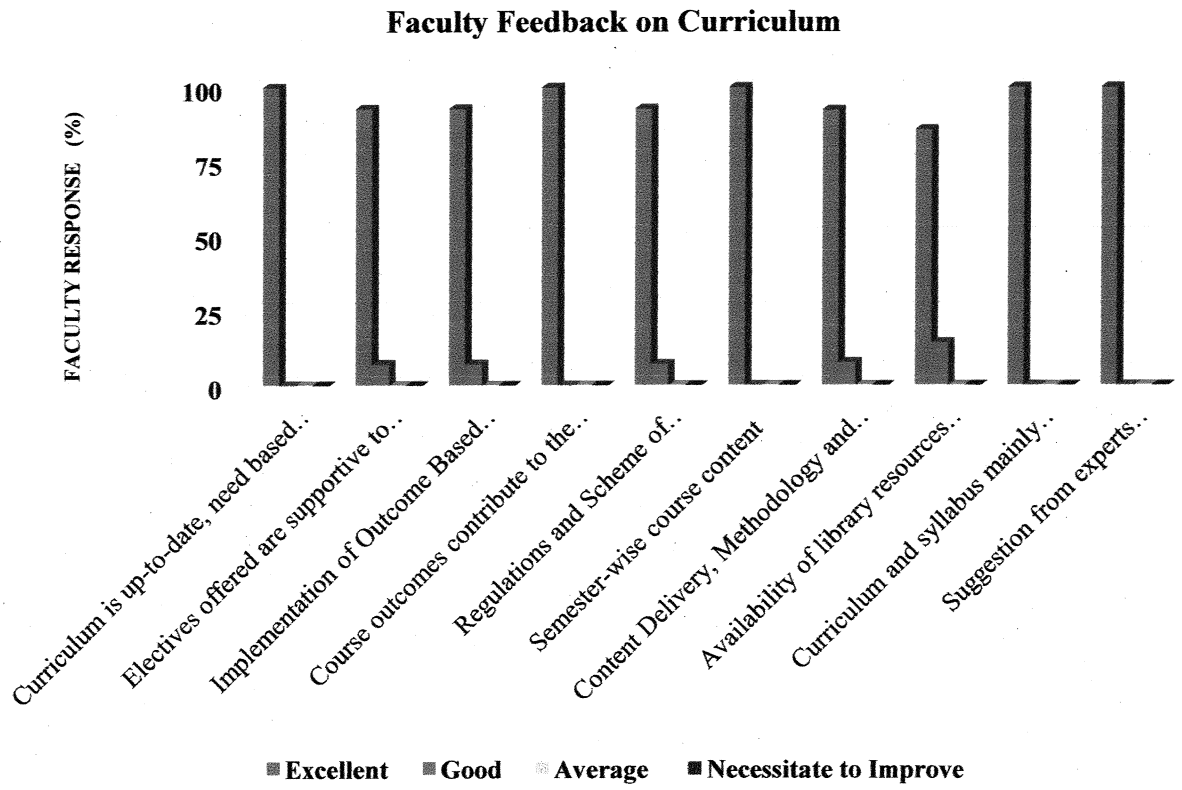


Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.

ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

- ❖ "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- ❖ "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- ❖ "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- ❖ "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- ❖ "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- ❖ "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Suggestions

- ✓ Dr.Pradeep Johnsonsuggested to add, study of software packages can be added in experiment list

Chairman - BoS
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ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

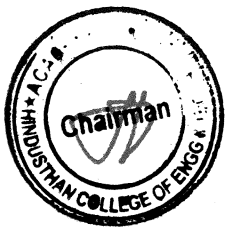
Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

PARENT FEED BACK ANALYSIS

2022-2023



B.E-Mechatronics Engineering

Parent Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parent Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	38	15	5		58
2.	Teaching Faculty treat the students equally irrespective of the background	42	13	3		58
3.	Transparency of the evaluation system followed by the Institution	44	11	3		58
4.	Infrastructure and Lab Facility available to support the curriculum.	40	13	5		58
5.	Availability of the text and reference books in Central and Department library.	29	21	7	1	58

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

Sl.No.	Sl.No.	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	66	26	9	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	72	22	5	0	100
3.	Transparency of the evaluation system followed by the Institution	76	19	5	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	69	22	9	0	100
5.	Availability of the text and reference books in Central and Department library.	50	36	12	2	100

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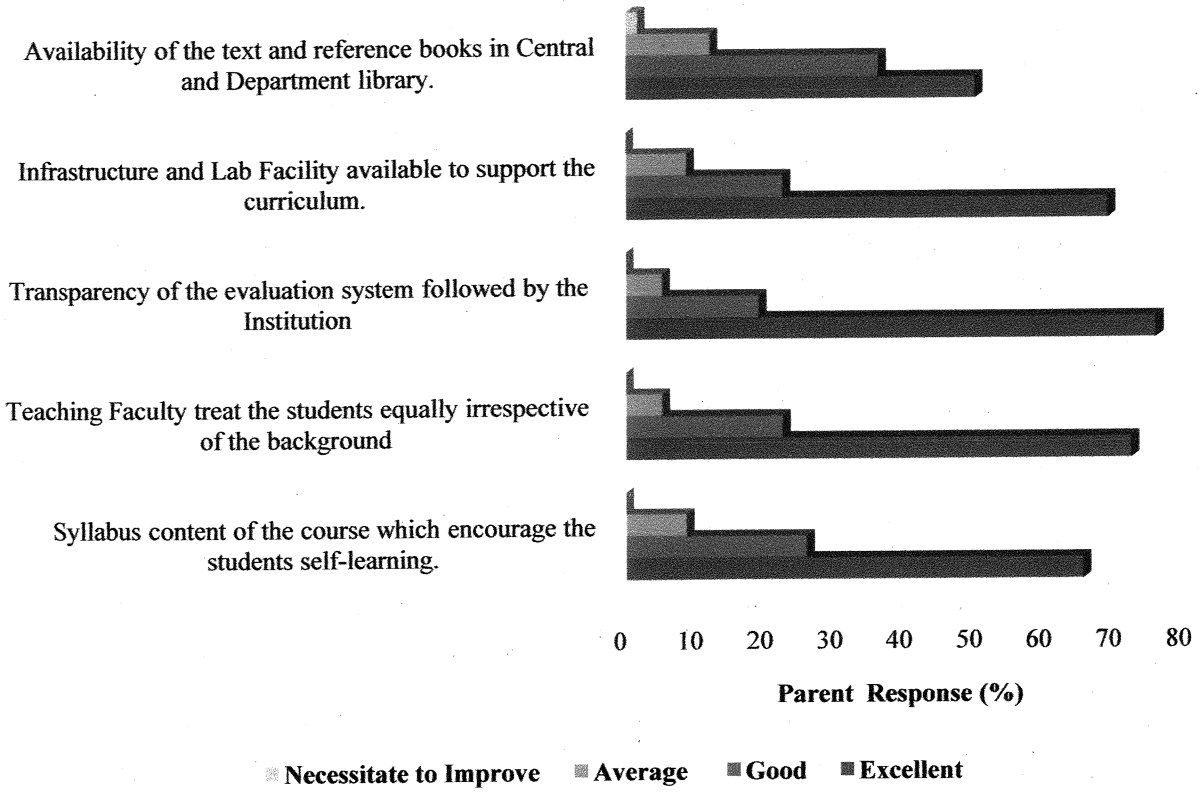
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Fig.1.

Parent Feedback on Curriculum : AY 2022-2023



Parent Feedback on Curriculum

REPORT

The Parentresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.

HINDUSTHAN ACADEMIC COUNCIL COLLEGE OF ENGG & TECH Chairman

- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Chairman - BoS
MCT - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

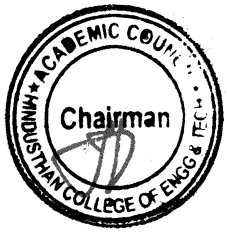
Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

STUDENT FEEDBACK ANALYSIS

2022-2023



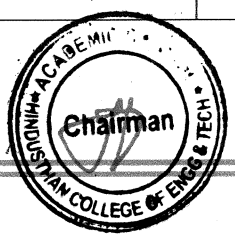


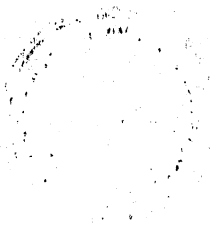
B.E-Mechatronics Engineering

Student Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	208	97	14	1	320
2.	Course objective & course outcomes are achieved in the syllabus.	235	58	27		320
3.	Professional and open Electives offered are supportive to the core papers.	228	66	26		320
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	264	39	17		320
5.	Profundity of the course content in the syllabus.	262	38	20		320
6.	Exact Sequence of the courses provided in the curriculum	285	20	13	2	320
7.	Syllabus coverage in class by the teaching faculty	291	18	11		320
8.	Faculty Encouragement in learning process	285	21	14		320
9.	Teaching and learning process enables clear understanding of the course content.	293	18	9		320
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	291	20	6	3	320





11.	Availability of library resources in central and departmental library.	206	62	39	13	320
12.	Reliability of Assessment and Evaluation Process.	284	25	11		320
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	283	26	11		320
14.	Curriculum has ability to develop Entrepreneurship and Employability.	240	42	36	2	320

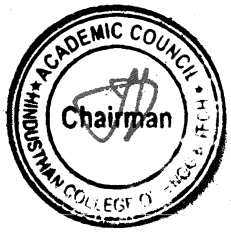


Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	65	30	4	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	73	18	8	0	100
3.	Professional and open Electives offered are supportive to the core papers.	71	21	8	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	83	12	5	0	100
5.	Profundity of the course content in the syllabus.	82	12	6	0	100
6.	Exact Sequence of the courses provided in the curriculum.	89	6	4	0.6	100
7.	Syllabus coverage in class by the teaching faculty.	91	6	3	0	100
8.	Faculty Encouragement in learning process.	89	7	4	0	100
9.	Teaching and learning process enables clear understanding of the course content.	92	6	3	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	91	6	2	0.9	100
11.	Availability of library resources in central and departmental library.	64	19	12	4.0625	100
12.	Reliability of Assessment and Evaluation Process.	89	8	3	0	100



13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	88	8	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	75	13	11	0.625	100

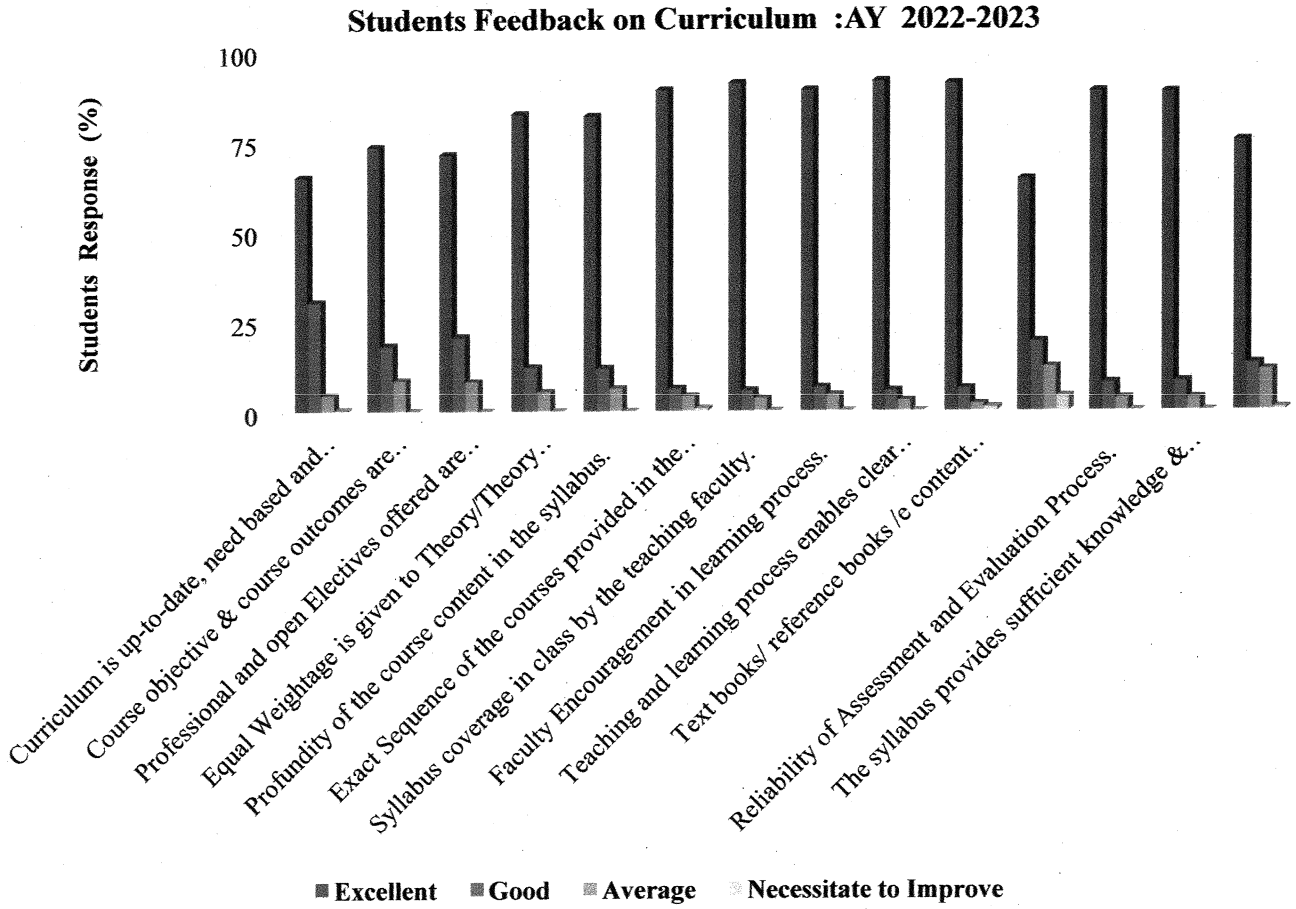


Fig.1.StudentFeedback on Curriculum

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

REPORT

The Studentresponse to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Course objective & Course outcomes are achieved in the syllabus" scored 100% as excellent.
- "Professional and open Electives offered are supportive to the core paper" scored 100% as excellent.
- "Equal Weightage is given to theory/theory with laboratory/Practical/Mandatory course content scored 100% as excellent.
- "Profundity of the course content in the syllabus" as scored 100% as excellent.
- "Exact Sequence of the course provided in the curriculum" scored 100% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 100% as excellent.
- "Faculty encouragement in learning process" scored 100 % as excellent.
- "Teaching and learning process enable clear understanding of the course content" scored 100% as excellent.
- "Text books/reference books/content recommended in the syllabus are relevant and updated" scored 100% as excellent.
- "Availability of library resources in central and department library"scored 100% as excellent.
- "Reliability of Assessment and Evaluation Process"scored 100% as excellent.
- "The Syllabus provides sufficient knowledge & perspective in the respective branch" as scored 100% as excellent.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 100% as excellent.

Chairman - BoS
MCT - HiCET

HINDUSTHAN ACADEMIC COUNCIL COLLEGE OF ENGG & TECH Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Employer Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	2	0	0	7
2.	Implementation of Outcome Based Education	4	3	0	0	7
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	4	0	0	7
4.	Offered Courses related to Industry/employability	2	4	1	0	7
5.	Competencies/outcomes in relation to the course content	4	2	1	0	7
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	2	0	0	7
7.	Curriculum offers a range of professional and open electives/value-added courses	3	3	1	0	7
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	2	0	0	7

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	71.43	28.57	0.00	0.00	100
2.	Implementation of Outcome Based Education	57.14	42.86	0.00	0.00	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	42.86	57.14	0.00	0.00	100
4.	Offered Courses related to Industry/employability	28.57	57.14	14.29	0.00	100
5.	Competencies/outcomes in relation to the course content	57.14	28.57	14.29	0.00	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	71.43	28.57	0.00	0.00	100
7.	Curriculum offers a range of professional and open electives/value-added courses	42.86	42.86	14.29	0.00	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	71.43	28.57	0.00	0.00	100

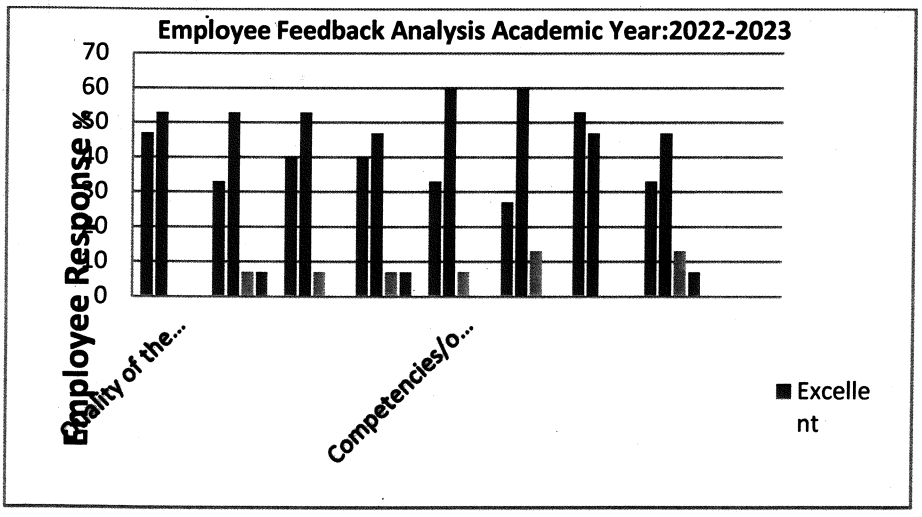


Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly regarded, with 71.43% of respondents rating it as "Excellent" and 28.57% as "Good."

- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with 57.14% of respondents considering it "Excellent" and 42.86% as "Good."

- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with 42.86% of respondents considering it "Excellent" and 57.14% as "Good."

- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, with 28.57% of respondents rating it as "Excellent," 57.14% as "Good," and 14.29% as "Average."

- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 57.14% of respondents rating it as "Excellent," 28.57% as "Good," and 14.29% as "Average."

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 71.43% of respondents considering it "Excellent" and 28.57% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 42.86% of respondents rating it as "Excellent," 42.86% as "Good," and 14.29% as "Average."

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 71.43% of respondents considering it "Excellent" and 28.57% as "Good."

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Course related to waste water treatment may be offered.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include case study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
CHE - HiCET

ACADEMIC COUNCIL
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Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	9	0	0	0	9
2.	Electives offered are supportive to the core papers	8	1	0	0	9
3.	Implementation of Outcome Based Education	7	2	0	0	9
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8	1	0	0	9
5.	Regulations and Scheme of Examination	7	2	0	0	9
6.	Semester-wise course content	7	2	0	0	9
7.	Content Delivery, Methodology and Learning Resources	8	1	0	0	9
8.	Availability of library resources supports Text and Reference Books suggested to study	7	2	0	0	9
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	1	0	0	9
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	7	2	0	0	9

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0.00	0.00	100
2.	Electives offered are supportive to the core papers	88.88	11.11	0.00	0.00	100
3.	Implementation of Outcome Based Education	77.77	22.22	0.00	0.00	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	88.88	11.11	0.00	0.00	100
5.	Regulations and Scheme of Examination	77.77	22.22	0.00	0.00	100
6.	Semester-wise course content	77.77	22.22	0.00	0.00	100
7.	Content Delivery, Methodology and Learning Resources	88.88	11.1	0.00	0.00	100
8.	Availability of library resources supports Text and Reference Books suggested to study	77.77	22.22	0.00	0.00	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	88.88	11.11	0.00	0.00	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	77.77	22.22	0.00	0.00	100

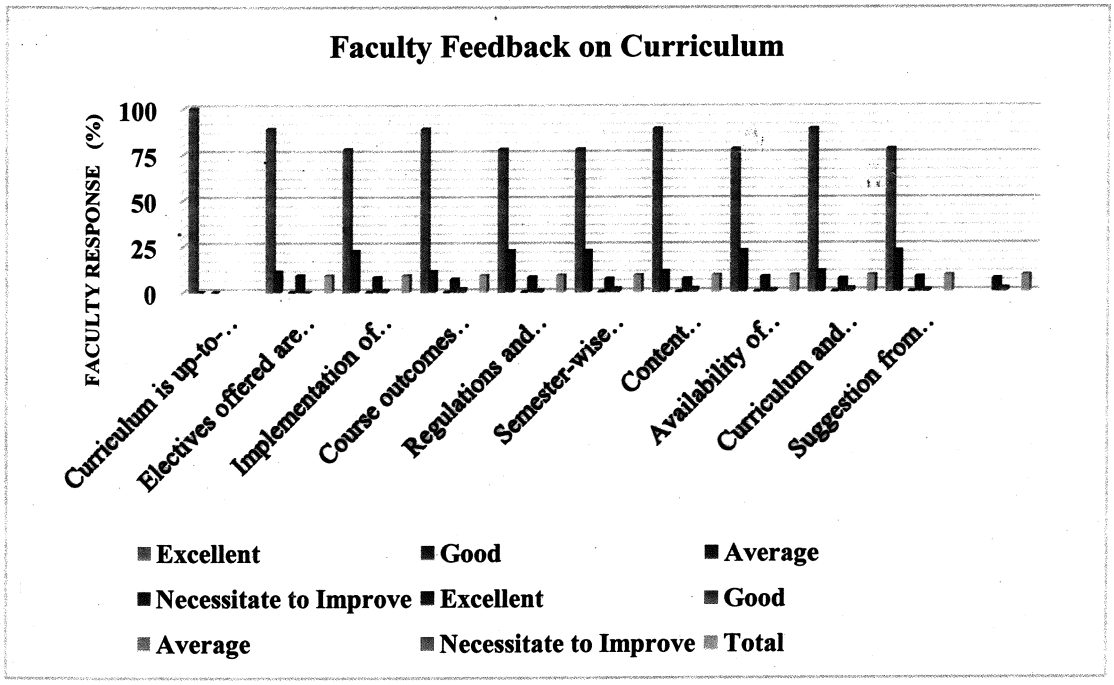

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 88.88% of respondents rating it as "Excellent" and 11.11% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 88.88% of respondents rating it as "Excellent" and 11.11% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- The semester-wise course content, content delivery, methodology, and learning resources were considered satisfactory, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- Regarding the availability of library resources supporting text and reference books suggested for study, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."
- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship with 88.88% of respondents rating it as "Excellent" and

11.11% as "Good."

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 77.77% of respondents rating it as "Excellent" and 22.22% as "Good."

Suggestions:

- ❖ Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.

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B.E/B.Tech- CHEMICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech-Chemical Engineering

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	8	6	0	0	14
2.	Teaching Faculty treat the students equally irrespective of the background	8	5	1	0	14
3.	Transparency of the evaluation system followed by the Institution	6	7	1	0	14
4.	Infrastructure and Lab Facility available to support the curriculum.	5	7	2	0	14
5.	Availability of the text and reference books in Central and Department library.	6	6	2	0	14

- **Suggestions:**
- Opportunities towards Analytical Instrument in Curriculum may be strengthened.
- Seek funding or collaborations to upgrade facilities and provide state-of-the-art equipment for better practical learning experiences.

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MCA – COMPUTER APPLICATIONS

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	5				5
2.	Regulations and Scheme of Examination	4	1			5
3.	Semester-wise course content	5				5
4.	Content Delivery, Methodology & Learning Resources	3	1	1		5
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	5				5
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	4	1			5
7.	Availability of library resources supports Text and Reference Books suggested to study	4	1			5

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	100	0	0	0	100
2.	Regulations and Scheme of Examination	80	20	0	0	100
3.	Semester-wise course content	100	0	0	0	100
4.	Content Delivery, Methodology & Learning Resources	60	20	20	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	100	0	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	80	20	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	80	20	0	0	100

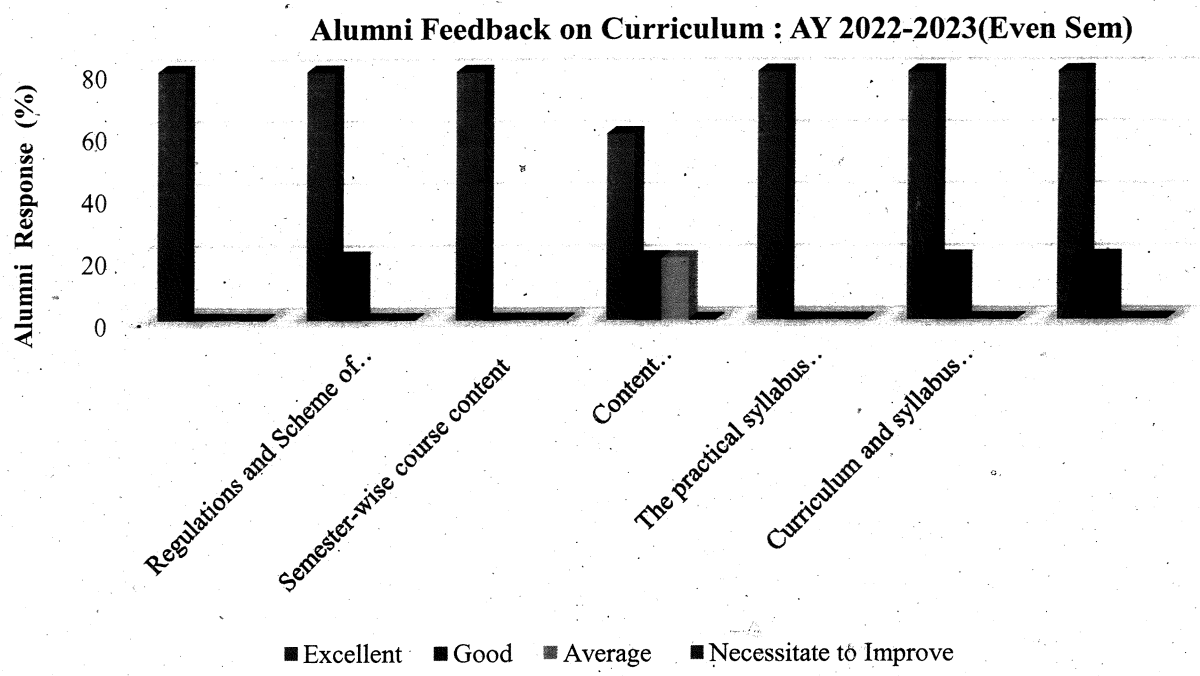

Fig.1.Alumni Feedback on Curriculum

- "Regarding Aim, objectives and outcome of the syllabi are well defined and clear",100% Alumni are highly satisfied.
- In the case of the Regulations and Scheme of Examination, 80% Alumniare highly satisfied and 20% are satisfied.
- With respect to the Semester-wise course content,100% Alumni are highly satisfied.
- In the case of Content Delivery, Methodology & Learning Resources,Alumni is 60% highly satisfied, 20% are satisfied and 20% are moderately satisfied.
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students,Alumni is 100% highly satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship,80% Alumni are highly satisfied and 20% are satisfied.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study,80% Alumni are highly satisfied and 20% are satisfied.

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MCA – COMPUTER APPLICATIONS

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

EmployerFeedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5				5
2.	Implementation of Outcome Based Education	5				5
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5				5
4.	Offered Courses related to Industry/employability	5				5
5.	Competencies/outcomes in relation to the course content	4	1			5
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1			5
7.	Curriculum offers a range of professional and open electives/value-added courses	5				5
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1			5

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100
2.	Implementation of Outcome Based Education	100	0	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	80	20	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	80	20	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	80	20	0	0	100

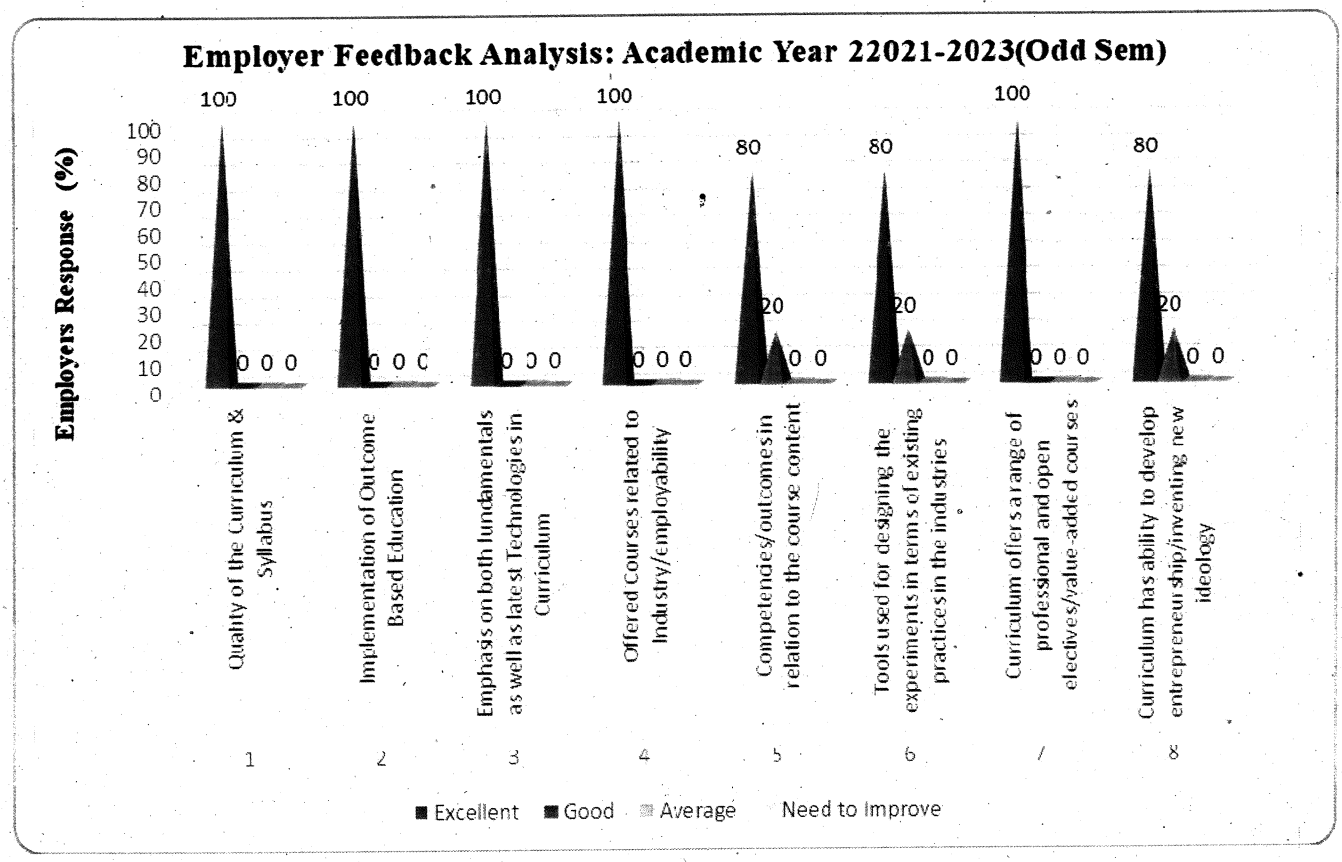

Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, the employer is 100% highly satisfied.
- Implementation of Outcome Based Education, , the employer is 100% highly satisfied.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, , the employer is 100% highly satisfied.
- Offered Courses related to Industry/employability, 100% of employers are highly satisfied.
- Competencies/outcomes in relation to the course content, 80% of employers are highly satisfied and 20% are satisfied.
- Tools used for designing the experiments in terms of existing practices in the industries, 80% of employers are highly satisfied and 20% are satisfied.
- Curriculum offers a range of professional and open electives/value-added courses, the employer is 100% highly satisfied.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 72 percentage of companies are given excellent, 80% of employers are highly satisfied and 20% are satisfied.

Suggestions:

- ✓ Reduction of content in Data Structures and Algorithms paper.

- ✓ The 4th unit topics of Python Programming can be changed to Object Oriented Programming using python and revisions to be made.
- ✓ Transfer of Web development paper from third semester to Second semester and to include recent technologies in it.
- ✓ Include first 3 units with Digital Logic concepts and the remaining two units with Embedded Systems and sensors for Embedded System and Sensors paper.

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HiCET

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MCA – COMPUTER APPLICATIONS

FACULTY FEED BACK ANALYSIS

EVENSEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8				8
2.	Electives offered are supportive to the core papers	6	2			8
3.	Implementation of Outcome Based Education	7	1			8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8				8
5.	Regulations and Scheme of Examination	8				8
6.	Semester-wise course content	7	1			8
7.	Content Delivery, Methodology and Learning Resources	8				8
8.	Availability of library resources supports Text and Reference Books suggested to study	7	1			8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8				8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	7	1			8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	75.0	25.0	0	0	100
3.	Implementation of Outcome Based Education	87.5	12.5	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100.0	0.0	0	0	100
5.	Regulations and Scheme of Examination	100.0	0.0	0	0	100
6.	Semester-wise course content	87.5	12.5	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100.0	0.0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	87.5	12.5	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.0	0.0	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	87.5	12.5	0	0	100

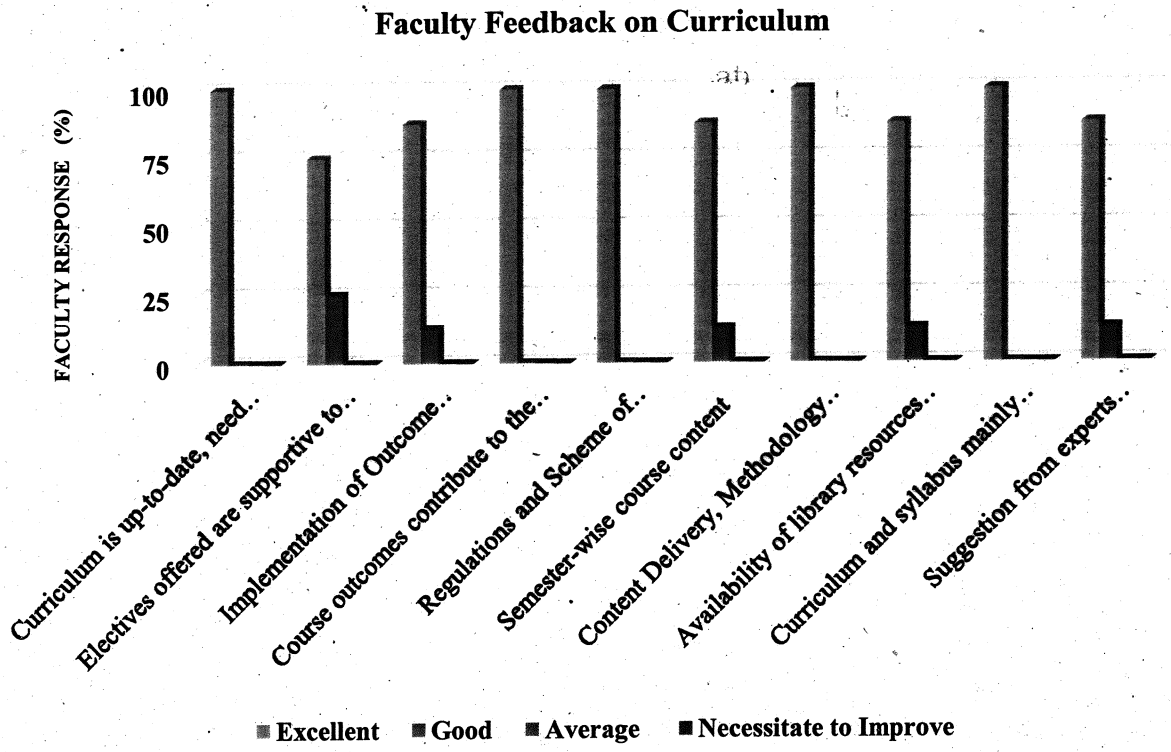

Fig.1.Faculty Feedback on Curriculum

- Regarding the Curriculum is up-to-date, need based and application oriented100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- "Implementation of Outcome Based Education papers",87.5% of faculties are highly satisfied and 12.5 % of faculties are moderately satisfied.
- With respect to Course outcomes contribute to the fulfilment of program outcomes (PO), 100% of faculties are highly satisfied.
- With respect to the Regulations and Scheme of Examination100% of faculties are highly satisfied.
- In the case of Semester-wise course content100 % of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study87.5 % of faculties are highly satisfied and 12.5 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship100% of faculties are highly satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus87.5% of faculties are highly satisfied and 12.5% faculties are satisfied.

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MCA – COMPUTER APPLICATIONS

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

MCA – COMPUTER APPLICATIONS

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	3	1			4
2.	Teaching Faculty treat the students equally irrespective of the background	4				4
3.	Transparency of the evaluation system followed by the Institution	4				4
4.	Infrastructure and Lab Facility available to support the curriculum.	3	1			4
5.	Availability of the text and reference books in Central and Department library.	4				4

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	75	25	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	75	25	0	0	100
5.	Availability of the text and reference books in Central and Department library.	100	0	0	0	100

Parent Feedback on Curriculum : AY 2022-2023

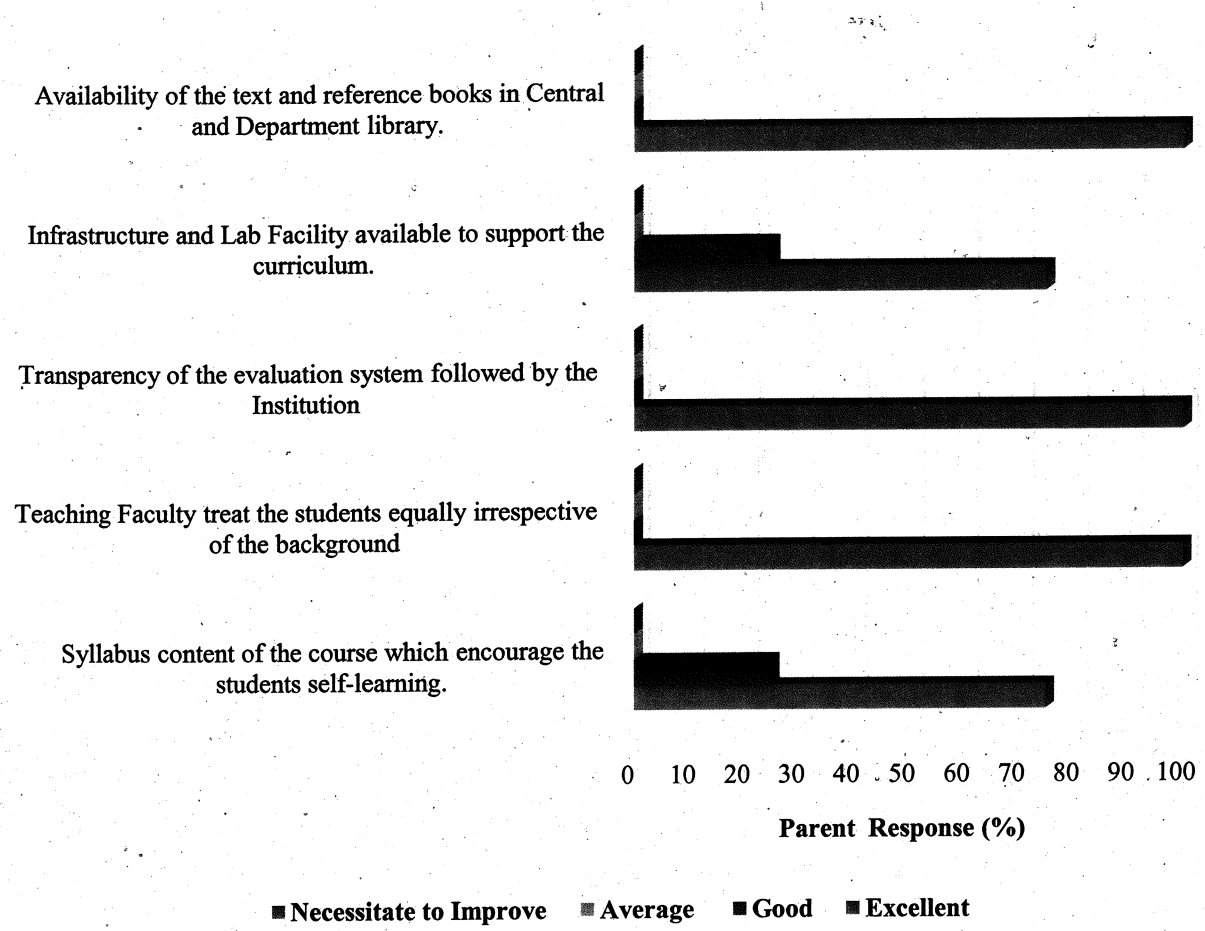

Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 75 % of parents are highly satisfied, 25% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 75 % of parents are highly satisfied, 25% of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 100 % of parents are highly satisfied.

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DEPARTMENT OF MANAGEMENT SCIENCES

MBA (Master of Business Administration)

PARENT FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Parent Feedback on Curriculum: Academic Year 2022-2023(Even Semester)

Table.1. Consolidated Parent Feedback report on curriculum

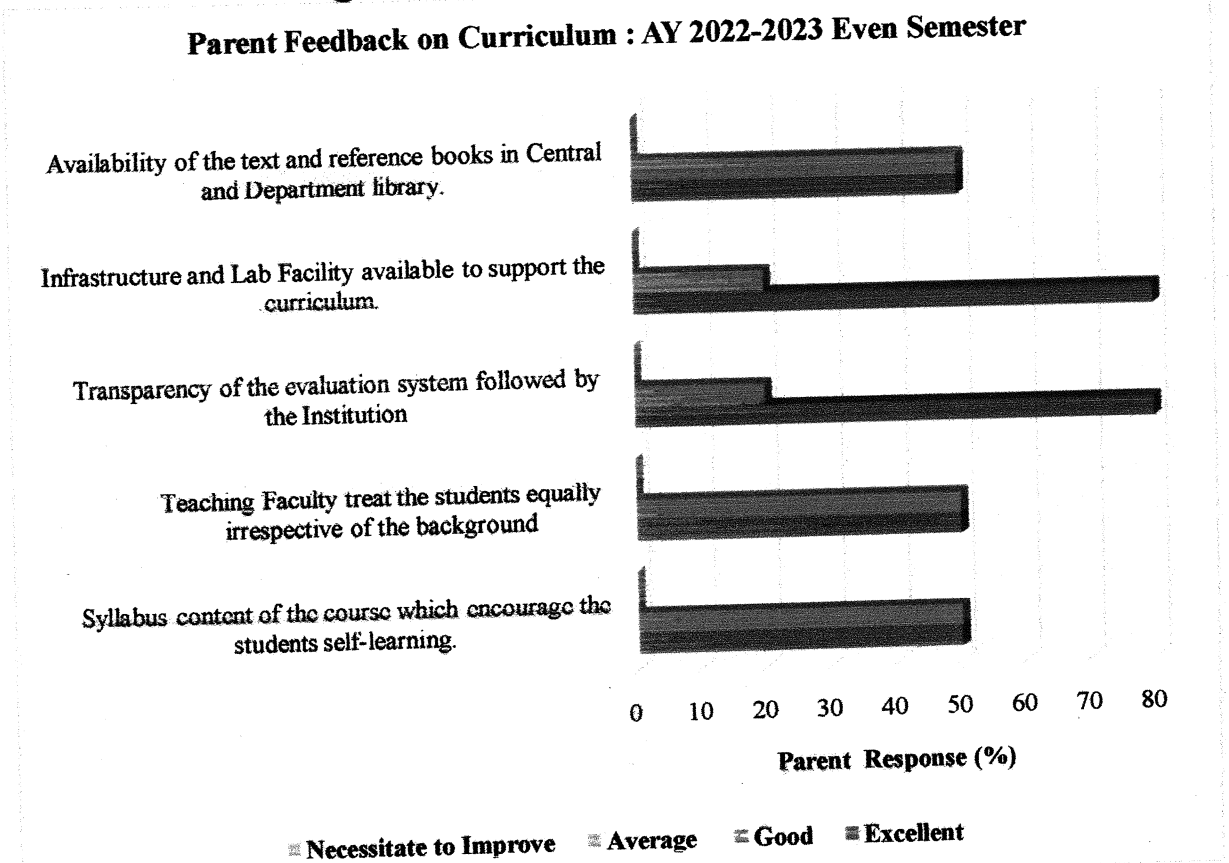
Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	5	5	0	0	10
2.	Teaching Faculty treat the students equally irrespective of the background	5	5	0	0	10
3.	Transparency of the evaluation system followed by the Institution	8	2	0	0	10
4.	Infrastructure and Lab Facility available to support the curriculum.	8	2	0	0	10
5.	Availability of the text and reference books in Central and Department library.	5	5	0	0	10

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Syllabus content of the course which encourage the students self-learning.	50	50	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	50	50	0	0	100
3.	Transparency of the evaluation system followed by the Institution	80	20	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	80	20	0	0	100

5.	Availability of the text and reference books in Central and Department library.	50	50	0	0	100

Fig.1.Parent Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- Syllabus content of the course which encourage the students self-learning has secured score of 50% excellent and 50% good
- Teaching Faculty treat the students equally irrespective of the background has secured score of 50% excellent and 50% good
- Transparency of the evaluation system followed by the Institution has secured score of 805% excellent and 20% good.
- Infrastructure and Lab Facility available to support the curriculum has secured score of 80% excellent and 20% good
- Availability of the text and reference books in Central and Department library has secured the score of 50% excellent and 50% good

Suggestions

Most of the parent has appreciated the curriculum and syllabi.

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DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

STUDENT FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Student Feedback on Curriculum: Academic Year 2022-2023 (Even Semester)

Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	0	0	0	10
2.	Course objective & course outcomes are achieved in the syllabus	10	0	0	0	10
3.	Professional and open Electives offered are supportive to the core papers	4	6	0	0	10
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	5	5	0	0	10
5.	Profundity of the course content in the syllabus	4	6	0	0	10
6.	Exact Sequence of the courses provided in the curriculum	6	4	0	0	10
7.	Syllabus coverage in class by the teaching faculty	7	3	0	0	10
8.	Faculty Encouragement in learning process	3	7	0	0	10
9.	Teaching and learning process enables clear understanding of the course content.	5	5	0	0	10
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	4	6	0	0	10
11.	Availability of library	8	2	0	0	10

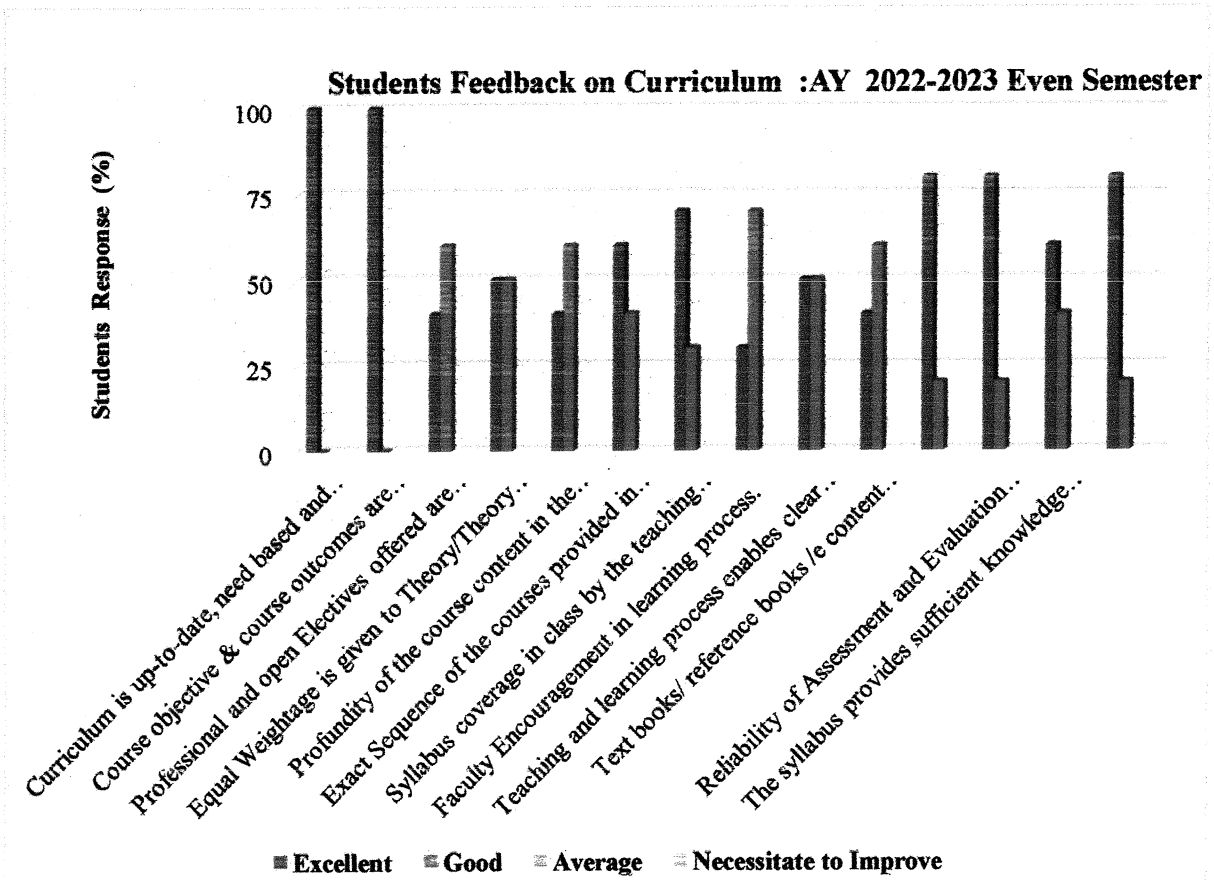
	resources in central and departmental library.					
12.	Reliability of Assessment and Evaluation Process.	8	2	0	0	10
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	6	4	0	0	10
14.	Curriculum has ability to develop Entrepreneurship and Employability.	8	2	0	0	10

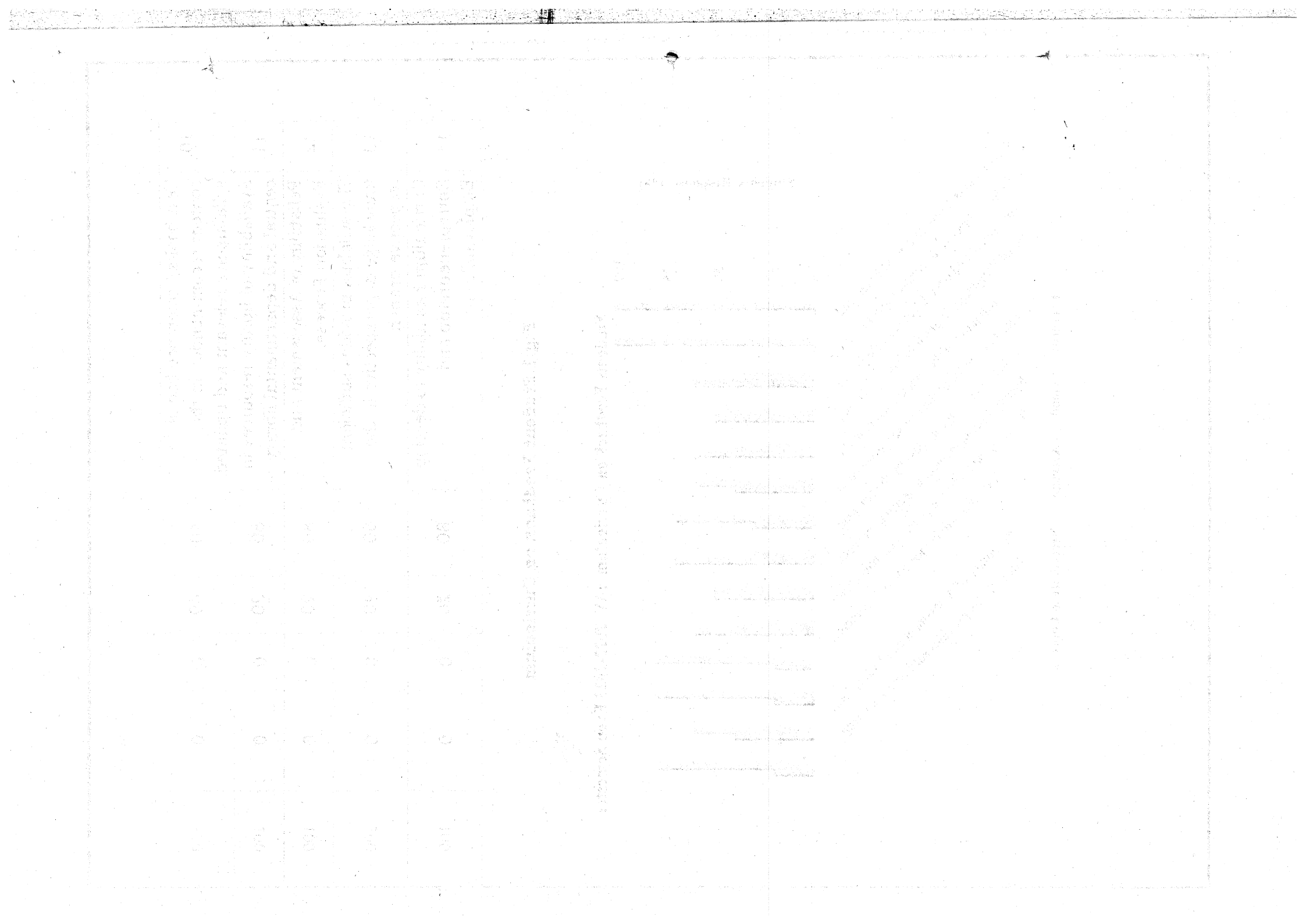
Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus	100	0	0	0	100
3.	Professional and open Electives offered are supportive to the core papers	40	60	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	50	50	0	0	100
5.	Profundity of the course content in the syllabus	40	60	0	0	100
6.	Exact Sequence of the courses provided in the curriculum	60	40	0	0	100
7.	Syllabus coverage in class by the teaching faculty	70	30	0	0	100
8.	Faculty Encouragement in learning process	30	70	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	50	50	0	0	100

10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	40	60	0	0	100
11.	Availability of library resources in central and departmental library.	80	20	0	0	100
12.	Reliability of Assessment and Evaluation Process.	80	20	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	60	40	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	80	20	0	0	100

Fig.1.Student Feedback on Curriculum





REPORT

The student response to feedback on the curriculum was given below

- Curriculum is up-to-date, need based and application oriented has scored 100 % excellent
- Course objective & course outcomes are achieved in the syllabus has scored 100% excellent
- Professional and open Electives offered are supportive to the core papers has scored 40% excellent and 60% good
- Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content has scored 50% excellent and 50 % good
- Profundity of the course content in the syllabus has scored 40% excellent and 60% good
- Exact Sequence of the courses provided in the curriculum has scored 60 % excellent and 40% good
- Syllabus coverage in class by the teaching faculty has secured 70% excellent and 30 % good
- Faculty Encouragement in learning process has secured 30% excellent and 77 % good
- Teaching and learning process enables clear understanding of the course content has secured 50% excellent and 50% good
- Text books/ reference books /e content recommended in the syllabus are relevant and updated has secured 40% excellent and 60% good
- Availability of library resources in central and departmental library has secured 80% excellent 20% good
- Reliability of Assessment and Evaluation Process has secured 80% excellent and 20% good
- The syllabus provides sufficient knowledge & perspective in the respective branch has secured 60% excellent and 40% good.
- Curriculum has ability to develop Entrepreneurship and Employability has secured 80% excellent and 20% good

Suggestions

- ✓ Students have suggested adding more practical oriented courses.

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Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

ALUMNI FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Alumni Feedback on Curriculum: Academic Year 2022-2023 Even Semester

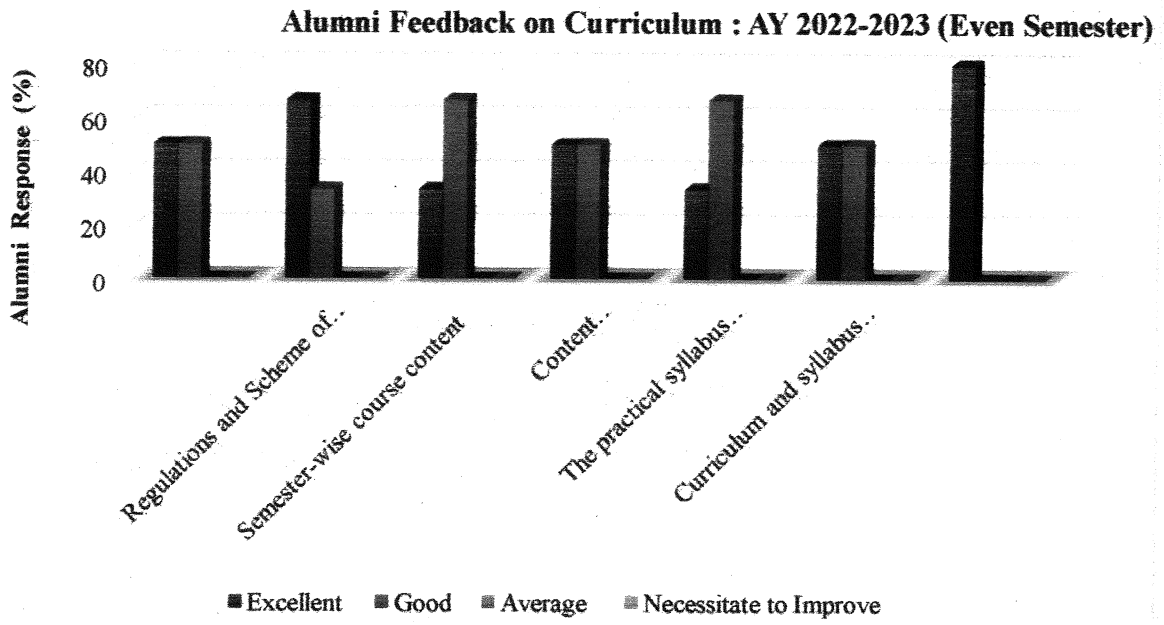
Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	3	3	0	0	6
2.	Regulations and Scheme of Examination	4	2	0	0	6
3.	Semester-wise course content	2	4	0	0	6
4.	Content Delivery, Methodology & Learning Resources	3	3	0	0	6
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	2	4	0	0	6
6.	Curriculum and syllabus mainlyfocusstudents on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	3	3	0	0	6
7.	Availability of library resources supports Text and Reference Books suggested to study	6	0	0	0	6

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Course objectives and outcome of the syllabus are clearly defined.	50	50	0	0	100
2.	Regulations and Scheme of Examination	67	33	0	0	100
3.	Semester-wise course content	33	67	0	0	100
4.	Content Delivery, Methodology & Learning Resources	50	50	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	33	67	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50	50	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	100	0	0	0	100

Fig.1.Alumni Feedback on Curriculum (Even Semester 2022-2023)



REPORT

The Alumni response to feedback on the curriculum was given below

- Course objectives and outcome of the syllabus has secured score of 50% excellent and 50% good.
- Regulations and Scheme of Examination has secured score of 67% excellent and 33% good
- Semester-wise course content has secured score of 33% excellent and 67% good
- Content Delivery, Methodology & Learning Resources has secured score of 50% excellent and 50% good
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute in events has secured 50% excellent and 50% good
- Availability of library resources supports Text and Reference Books suggested to study has secured 100% excellent.

Suggestion

- ✓ The alumni members have suggested providing more practical exposure in Business analytics to the students.

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL OF ENGG. & TECH. Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA (Master of Business Administration)

EMPLOYER FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Employer Feedback on Curriculum: Academic Year 2022-2023 (Even Semester)

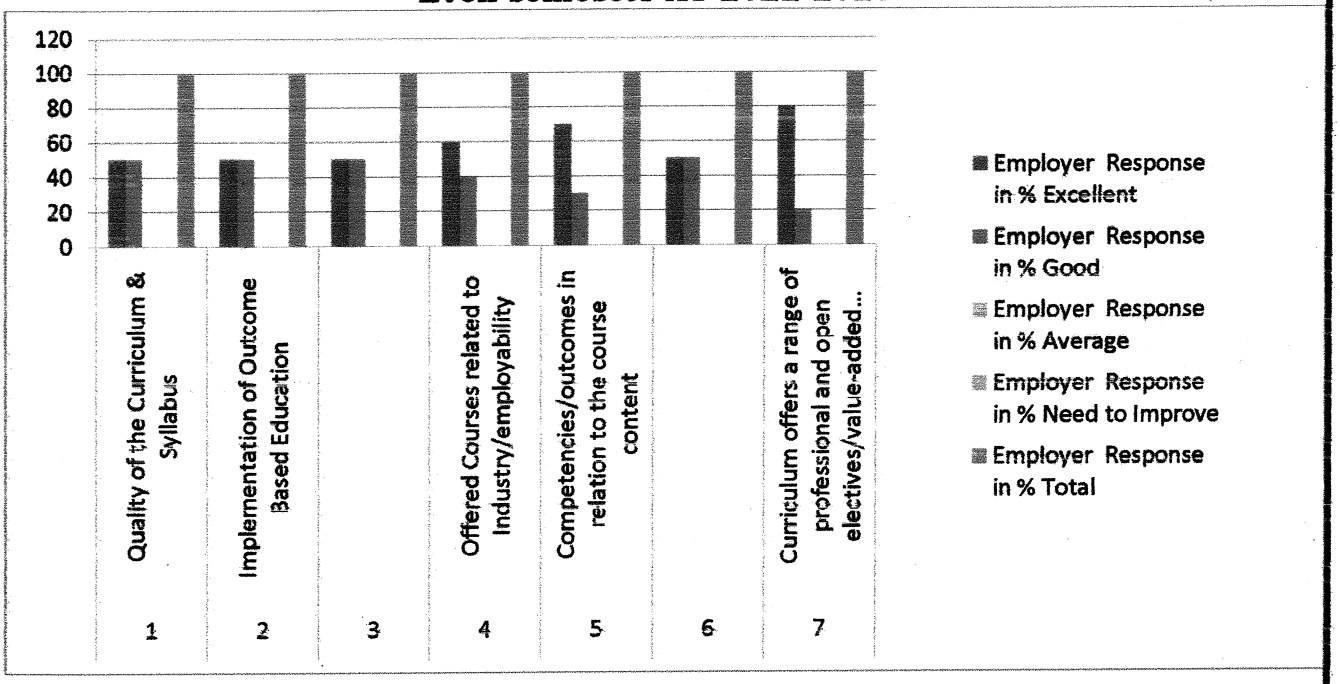
Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	5	5	0	0	10
2.	Implementation of Outcome Based Education	5	5	0	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	5	0	0	10
4.	Offered Courses related to Industry/employability	6	4	0	0	10
5.	Competencies/outcomes in relation to the course content	7	3	0	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	5	0	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	8	2	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	6	0	0	10

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	50	50	0	0	100
2.	Implementation of Outcome Based Education	50	50	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	50	50	0	0	100
4.	Offered Courses related to Industry/employability	60	40	0	0	100
5.	Competencies/outcomes in relation to the course content	70	30	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	50	50	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	80	20	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	40	60	0	0	100

Fig.1. Employer Feedback on Curriculum
Even semester AY 2022-2023



REPORT

The Employer response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus has secured score of 50% excellent and 50% good
- Implementation of Outcome Based Education has secured score of 50% excellent and 50% good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum has secured 50% excellent and 50% good
- Offered Courses related to Industry/employability has secured score of 60% excellent and 40% good
- Competencies/outcomes in relation to the course content has secured score of 70% excellent and 30% good
- Tools used for designing the experiments in terms of existing practices in the industries has secured score of 50% excellent and 50% good
- Curriculum offers a range of professional and open electives/value-added courses has secured score of 80% excellent and 20% good
- Curriculum has ability to develop entrepreneurship/inventing new ideology has secured 40% excellent and 60% good.

Suggestions

- ✓ The employers has suggested the students to take innovative case studies and create awareness towards AI and ML in business.

Chairman - BoS
MBA - HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA (Master of Business Administration)

ACADEMIC EXPERT FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Academic Expert Feedback on Curriculum: Academic Year 2022-2023 (Even Semester)

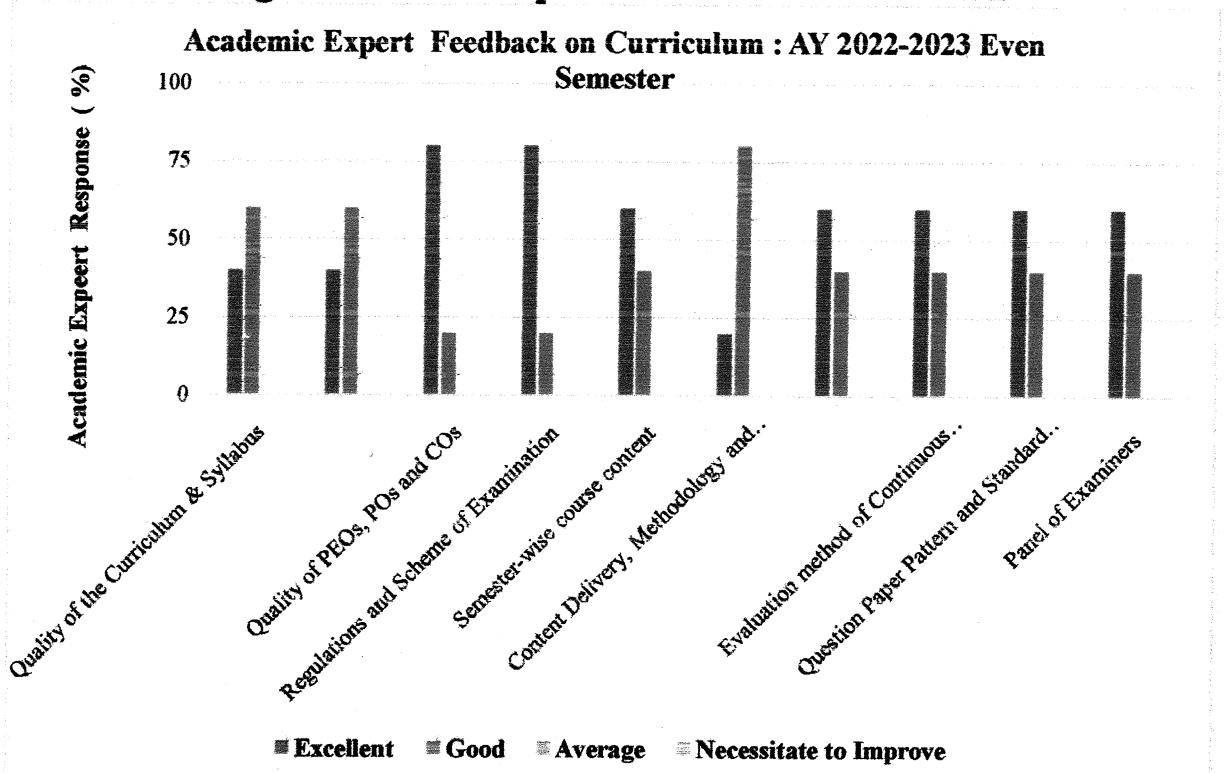
Table.1. Consolidated Academic Expert Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	2	3	0	0	5
2.	Implementation of Outcome Based Education	2	3	0	0	5
3.	Quality of PEOs, POs and COs	4	1	0	0	5
4.	Regulations and Scheme of Examination	4	1	0	0	5
5.	Semester-wise course content	3	2	0	0	5
6.	Content Delivery, Methodology and Learning Resources	1	4	0	0	5
7.	Text and reference books proposed for study	3	2	0	0	5
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	0	0	5
9.	Question Paper Pattern and Standard (Blooms Level)	3	2	0	0	5
10.	Panel of Examiners	3	2	0	0	5

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	40	60	0	0	100
2.	Implementation of Outcome Based Education	40	60	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	80	20	0	0	100
5.	Semester-wise course content	60	40	0	0	100
6.	Content Delivery, Methodology and Learning Resources	20	80	0	0	100
7.	Text and reference books proposed for study	60	40	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	60	40	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	60	40	0	0	100
10.	Panel of Examiners	60	40	0	0	100

Fig.1. Academic Expert Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- The Quality of Curriculum and Syllabus has scored 40% excellent ad 60 % good
- Implementation of Outcome based education has secured the score of 40% excellent and 60% good.
- The Quality of PEOs, POs and Cos secured 80% excellent and 20% good.
- Regulation and Scheme of Examination has scored 100% excellent
- The semester and course wise content secured 60% excellent and 40 % good
- The Content Delivery, Methodology and Learning Resources has secured the score of 20% excellent and 80% good
- The text and reference books proposed for the programme has secured score of 60% excellent and 40% good
- Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks secured score of 60% excellent and 40% good.
- The question paper standard has secured 60% excellent and 40% good
- The method of selecting panel of examiners has secured 60% excellent and 40% good

Suggestions

- ✓ The expert has created the awareness to the students on online courses.

Chairman - BoS
MBA - HiCET

ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET



Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

FACULTY FEED BACK ANALYSIS

2022-2023 (Even Semester)

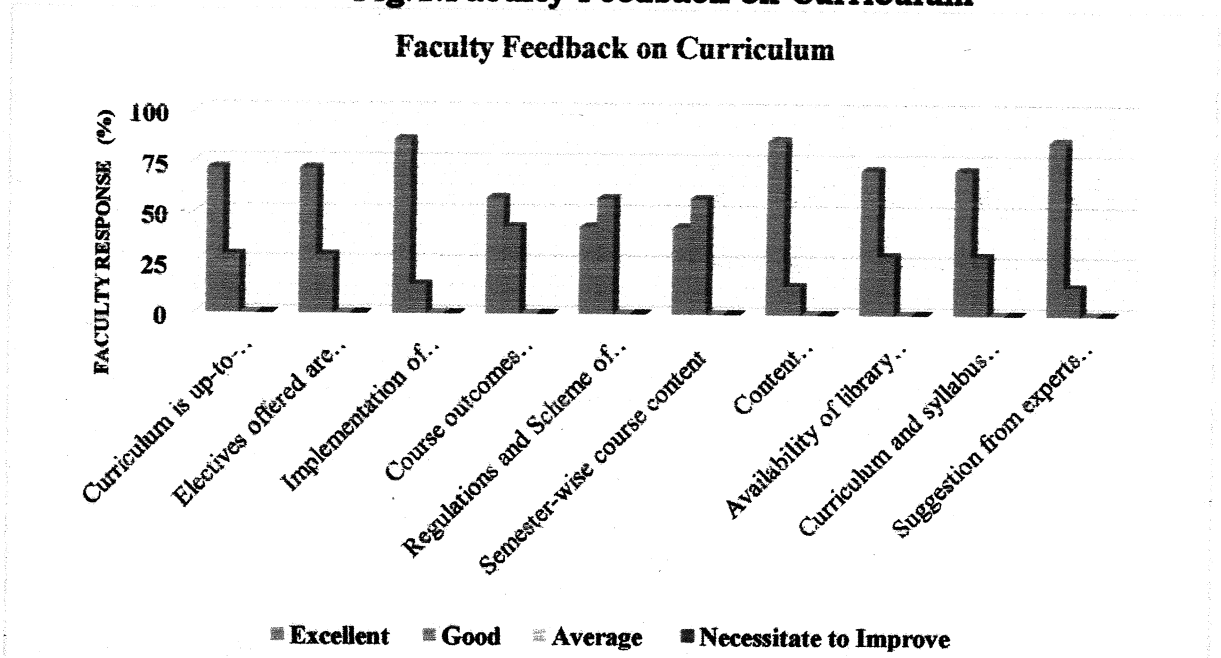
MBA (Master of Business Administration)

Faculty Feedback on Curriculum: Academic Year 2022-2023 (Even Semester)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	5	2	0	0	7
2.	Electives offered are supportive to the core papers	5	2	0	0	7
3.	Implementation of Outcome Based Education	6	1	0	0	7
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	4	3	0	0	7
5.	Regulations and Scheme of Examination	3	4	0	0	7
6.	Semester-wise course content	3	4	0	0	7
7.	Content Delivery, Methodology and Learning Resources	6	1	0	0	7
8.	Availability of library resources supports Text and Reference Books suggested to study	5	2	0	0	7
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	5	2	0	0	7
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	6	1	0	0	7

Fig.1.Faculty Feedback on Curriculum



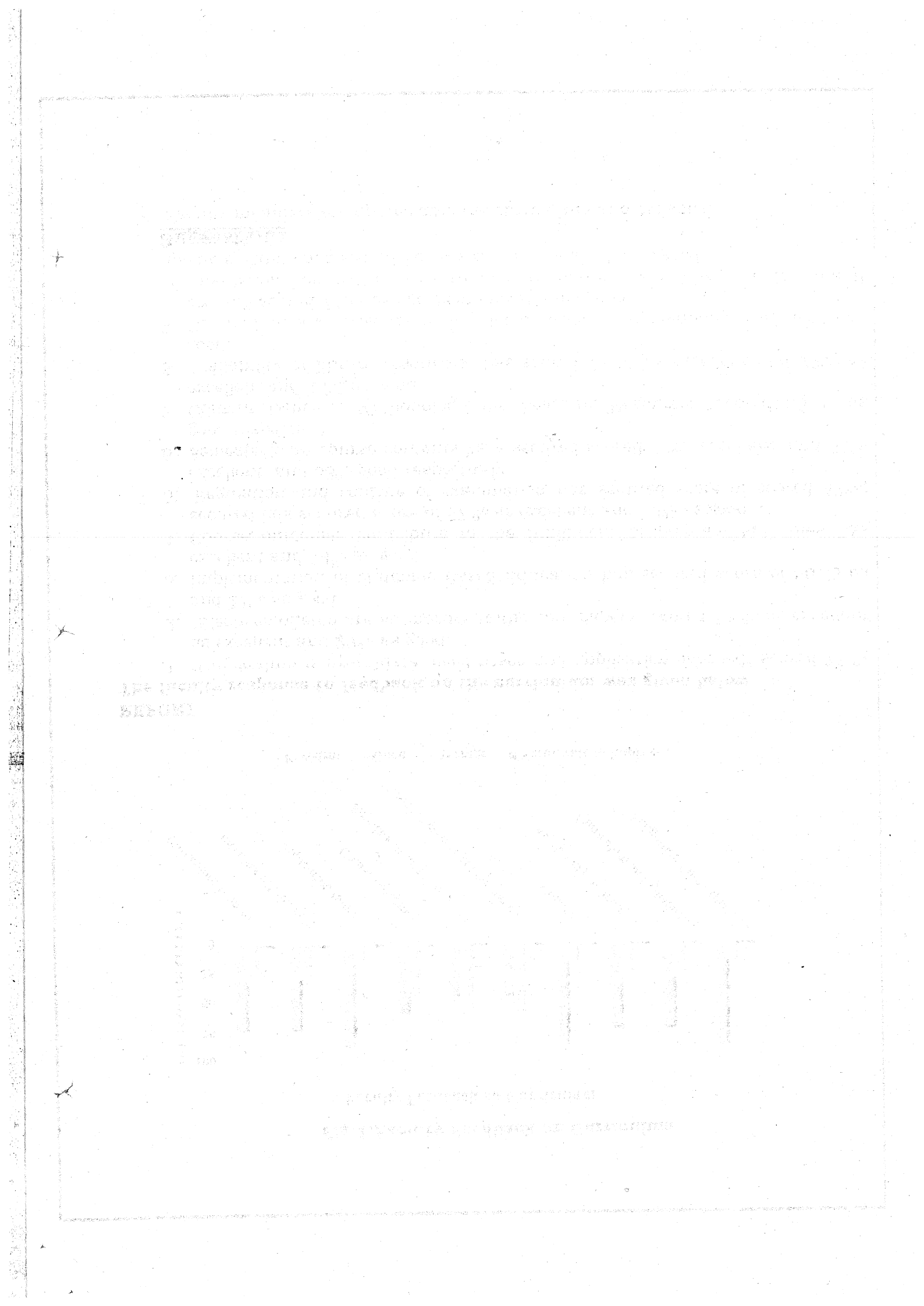
REPORT

The faculty response to feedback on the curriculum was given below

1. "Curriculum is up-to-date, need based and application oriented" scored 71 % as excellent and 29% as good.
2. "Electives offered are supportive to the core papers" scored 71 % as excellent and 21% as good.
3. Implementation of Outcome Based Education has secured score of 86 % as excellent and 14% as good
4. Course outcomes contribute to the fulfillment of program outcomes has secured has secured score of 57 % as excellent and 43% as good
5. Regulation and scheme of examination has secured score of scored 47%, excellent, and 53% good respectively.
6. Semester wise course contents have secured scored 47%, excellent, and 53% good respectively.
7. Content Delivery, Methodology and Learning Resources "scored 86 % as excellent and 14% as good.
8. Availability of library resources" has scored 71 % as excellent and 29% as good.
9. Curriculum and syllabus mainly focus students on industry readiness has secured scored 71 % as excellent and 29% as good.
10. Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus has scored 86 %as excellent and 14% as good.

Suggestions

✓ Faculty members are appreciated the curriculum and syllabus.



Hindusthan College of Engineering and Technology
Coimbatore- 641 032

Syllabus Revision based Stakeholders suggestion -AY 2022-2023 (Even Semester

Department of Management Sciences

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Student	More Practical contents to be needed	-	-	Considered
Alumni	More practical exposure to be needed in Business Analytics	-	-	Considered
Employer	Innovative Case studies are required. Create Awareness towards AI and ML in business.	-	-	Considered
Academic expert	Create awareness to enroll online course	-	-	Incorporated

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF SCIENCE AND HUMANITIES

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Students Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	80	20	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	10	0	0	100
3.	Professional and open Electives offered are supportive to the core papers.	86	14	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90	10	0	0	100
5.	Profundity of the course content in the syllabus.	75	16	9	0	100
6.	Exact Sequence of the courses provided in the curriculum	90	10	0	0	100
7.	Syllabus coverage in class by the teaching faculty	94	6	0	0	100
8.	Faculty Encouragement in learning process	90	10	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	92	8	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	81	9	10	0	100
11.	Availability of library resources in central and departmental library.	75	15	10	0	100
12.	Reliability of Assessment and Evaluation Process.	90	10	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	90	10	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	81	15	4	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80.00	20.00	0.00	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	90.00	10.00	0	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	86.00	14.00	0	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90.00	10.00	0	0.00	100
5.	Profundity of the course content in the syllabus.	75.00	16.00	9.00	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	90.00	10.00	0	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	94.00	6.00	0	0.00	100
8.	Faculty Encouragement in learning process.	90.00	10.00	0	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	92.00	8.00	0	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	81.00	9.00	10.00	0.00	100
11.	Availability of library resources in central and departmental library.	75.00	15.00	10.00	0.00	100
12.	Reliability of Assessment and Evaluation Process.	90.00	10.00	0	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	90.00	10.00	0	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	81.00	15.00	4.00	0.00	100

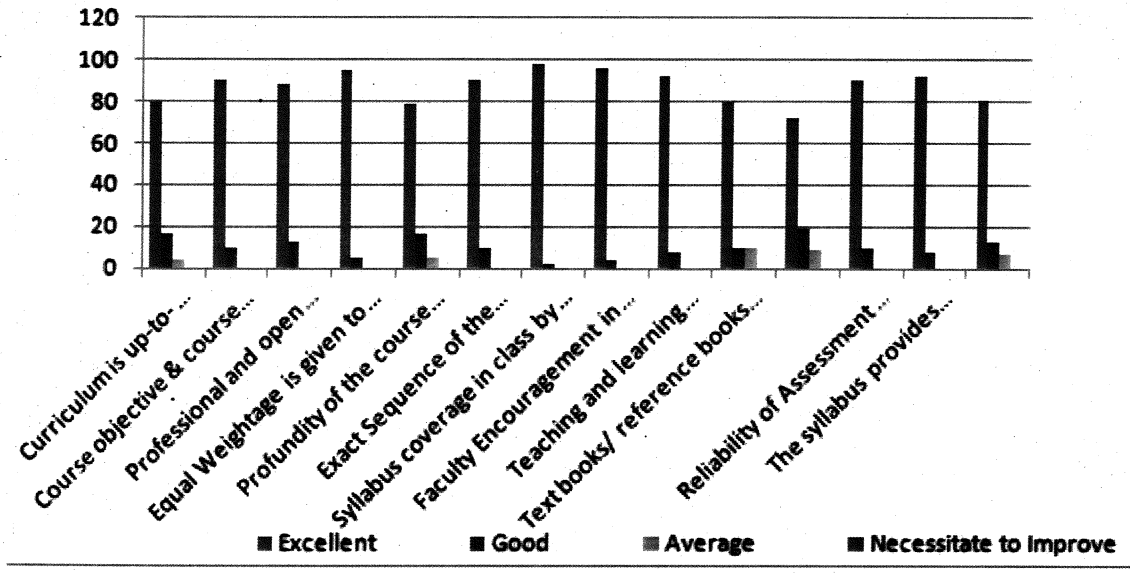


Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application oriented design 80% of students are highly satisfied, 20 of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 90% of students are highly satisfied, 10% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 86 % of students are highly satisfied, 14 % of students are satisfied.
- In the Equal Weightage is given to theory and practical course content 90 % of students are highly satisfied 10 % of students are satisfied.
- Considering the use of Profundity of the course content in the syllabus 75% of students are highly satisfied, 16% of students are satisfied and 9% of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 90 % of students are highly satisfied, 10 % of students are satisfied.
- Syllabus coverage in class by the teaching faculty 96% of students are highly satisfied, 4% of students are satisfied.
- Faculty Encouragement in learning process 90 % of students are highly satisfied, 10 % of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 92 % of students are highly satisfied,8% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 81% of students are highly satisfied, 9% of students are satisfied and 10% of students are moderately satisfied
- Reliability of assessment & evaluation process 90% of students are highly satisfied,

Chairman BOS
SKH NICET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	13	0	0	0	13
2.	Electives offered are supportive to the core papers	0	0	0	0	0
3.	Implementation of Outcome Based Education	11	2	0	0	13
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	10	3	0	0	13
5.	Regulations and Scheme of Examination	10	3	0	0	13
6.	Semester-wise course content	13	0	0	0	13
7.	Content Delivery, Methodology and Learning Resources	13	0	0	0	13
8.	Availability of library resources supports Text and Reference Books suggested to study	10	2	1	0	13
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	13	0	0	0	13
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	13	0	0	0	13

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100.00	0.00	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	0.00	0.00	0.00	0.00	0.00
3.	Implementation of Outcome Based Education	84.61	15.39	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	76.92	23.08	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	76.92	23.08	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	100.00	0.00	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	76.92	15.38	7.69	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.00	0.00	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100.00	0.00	0.00	0.00	100.00

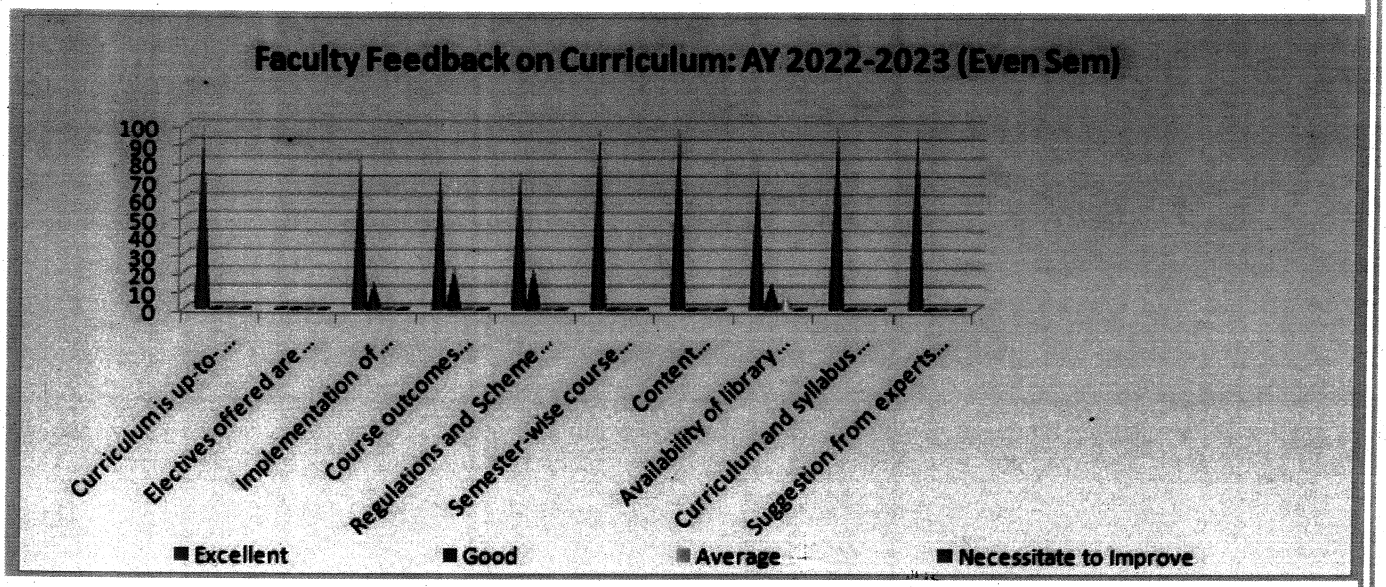


Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 100% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 0% of respondents rating it as "Excellent"
- The implementation of Outcome Based Education (OBE) was well-received, with 84.61% of respondents considering it "Excellent" and 15.39% as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 76.92% of respondents rating it as "Excellent" , 23.08% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 100% of respondents rating it as "Excellent".
- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."
- Regarding the availability of library resources supporting text and reference books suggested for study, 76.92% of respondents rated it as "Excellent," 15.38% as "Good," and 7.69% as "Average."
- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 100% "Excellent" rating.
- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 100% of respondents considering it "Excellent."

Chairman BoS
S&H HiCET

Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF SCIENCE AND HUMANITIES

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENT OF SCIENCE AND HUMANITIES

Parents Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	9	1	0	0	10
2.	Teaching Faculty treat the students equally irrespective of the background	7	2	1	0	10
3.	Transparency of the evaluation system followed by the Institution	8	2	0	0	10
4.	Infrastructure and Lab Facility available to support the curriculum.	9	1	0	0	10
5.	Availability of the text and reference books in Central and Department library.	7	2	1	0	10

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	90.00	10.00	0.00	0.00	100
2.	Teaching Faculty treat the students equally irrespective of the background	70.00	20.00	10.00	0.00	100
3.	Transparency of the evaluation system followed by the Institution	80.00	20.00	0.00	0.00	100
4.	Infrastructure and Lab Facility available to support the curriculum.	90.00	10.00	0.00	0.00	100
5.	Availability of the text and reference books in Central and Department library.	70.00	20.00	10.00	0.00	100

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENTOF SCIENCE AND HUMANITIES

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2022-2023

B.E/B.Tech- DEPARTMENTOF SCIENCE AND HUMANITIES

Alumni Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	10	0	0	0	10
2.	Regulations and Scheme of Examination	10	0	0	0	10
3.	Semester-wise course content	10	0	0	0	10
4.	Content Delivery, Methodology & Learning Resources	8	2	0	0	10
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	7	2	1	0	10
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	10	0	0	0	10
7.	Availability of library resources supports Text and Reference Books suggested to study	7	2	1	0	10

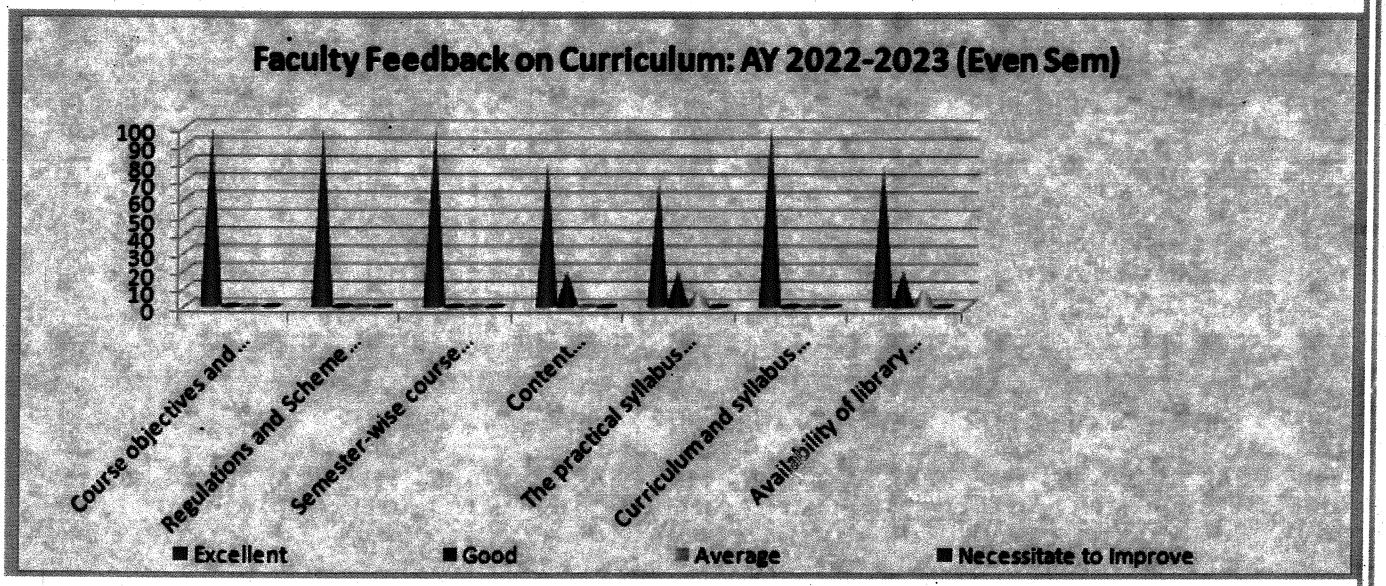


Fig.1.Alumni Feedback on Curriculum

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 84% of Alumni are highly satisfied 1000% of Alumni are satisfied
- In the case of the Regulations and Scheme of Examination 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content 100 % of Alumni are highly satisfied.
- In the case of Content Delivery, Methodology & Learning Resources80% of Alumni are highly satisfied, 20% of Alumni are satisfied
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 70% of Alumni are highly satisfied, 20 % of Alumni are satisfied and 10% of Alumni are averagely satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 100% of Alumni are highly satisfied.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study 80% of Alumni are highly satisfied and 20% of Alumni are satisfied .

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Stakeholders Feedback
On
Curriculum and Syllabus
Academic Year : 2023 – 2024 (Even Semester)

Departments

1. Aeronautical Engineering
2. Agricultural Engineering
3. Artificial Intelligence & Machine learning
4. Automobile Engineering
5. Biomedical Engineering
6. Civil Engineering
7. Computer Science Engineering
8. Electronics and Instrumentation Engineering
9. Electronics and Communication Engineering
10. Electrical and Electronics Engineering
11. Food Technology
12. Information Technology
13. Mechanical Engineering
14. Mechatronics Engineering
15. Chemical Engineering
16. M.C.A
17. M.B.A

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DEPARTMENT OF AERONAUTICAL ENGINEERING

FEEDBACK ANALYSIS REPORT

2023-2024

DEPARTMENT OF AERONAUTICAL ENGINEERING

STUDENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2023-2024

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented	82	28	16	0	126
2.	Extent of course objectives and course outcomes achieved through the syllabus	84	26	16	0	126
3.	Professional and open electives offered in the curriculum of the program	84	28	14	0	126
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	78	35	13	0	126
5.	Profundity of the course content in the syllabus	82	28	16	0	126
6.	Sequence of courses provided in the curriculum	90	22	14	0	126
7.	Syllabus coverage in class by the faculty	98	20	8	0	126
8.	Encouragement by faculty in the learning process	102	17	6	0	125
9.	Teaching-learning process	101	18	7	0	126
10.	Relevance of text books / reference books / e-content recommended in the syllabus	87	29	10	0	126
11.	Availability of learning resources in the central and department library	90	25	11	0	126
12.	Reliability and transparency in the assessment and evaluation process	94	15	17	0	126
13.	Knowledge and perspective gained in the respective program of study	84	30	12	0	126
14.	Components in curriculum to promote entrepreneurship and employability	85	27	14	0	126

Table.2. Consolidated Student Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented	65	22	13	0	100
2.	Extent of course objectives and course outcomes achieved through the syllabus	67	21	13	0	100
3.	Professional and open electives offered in the curriculum of the program	67	22	11	0	100
4.	Weightage given to theory / theory with laboratory / practical / mandatory course contents in the curriculum	62	28	10	0	100
5.	Profundity of the course content in the syllabus	65	22	13	0	100
6.	Sequence of courses provided in the curriculum	71	17	11	0	100
7.	Syllabus coverage in class by the faculty	78	16	6	0	100
8.	Encouragement by faculty in the learning process	82	14	5	0	100
9.	Teaching-learning process	80	14	6	0	100
10.	Relevance of text books / reference books / e-content recommended in the syllabus	69	23	8	0	100
11.	Availability of learning resources in the central and department library	71	20	9	0	100
12.	Reliability and transparency in the assessment and evaluation process	75	12	13	0	100
13.	Knowledge and perspective gained in the respective program of study	67	24	10	0	100
14.	Components in curriculum to promote entrepreneurship and employability	67	21	11	0	100

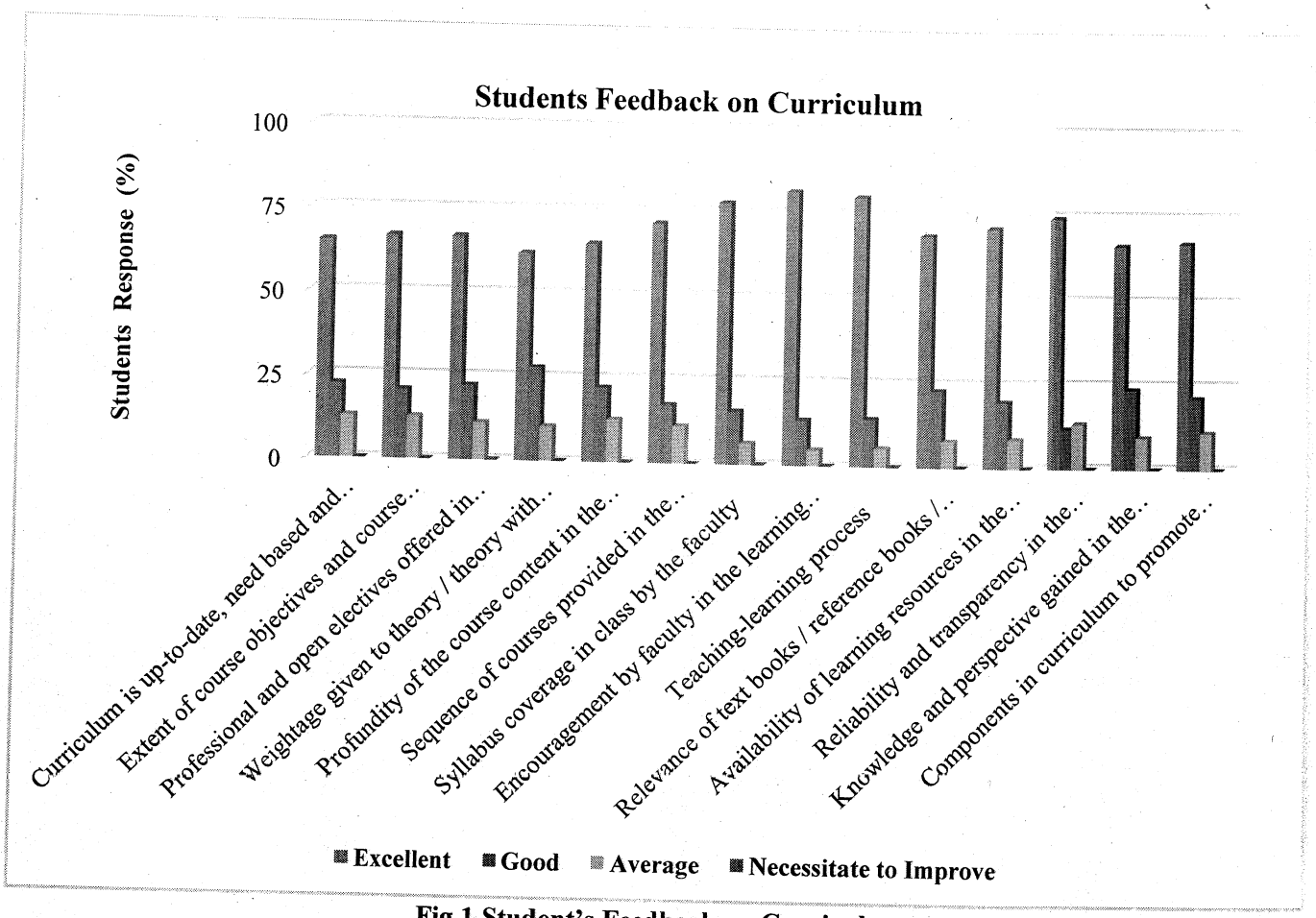

Fig.1.Student's Feedback on Curriculum

REPORT

The student response to feedback on the curriculum was summarized below:

- "Curriculum is up-to-date, need based and application oriented" scored 65%, 22%, and 13% as excellent, good, and average respectively.
- "Course objective & course outcomes are achieved in the syllabus" scored 67%, 21%, and 13% as excellent, good, and average respectively.
- "Professional and open Electives offered are supportive to the core papers" scored 67%, 22%, and 11% as excellent, good, and average respectively.
- "Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content" scored 62%, 28%, and 10% as excellent, good, and average respectively.
- "Profundity of the course content in the syllabus" scored 65%, 22%, and 13% as excellent, good, and average respectively.
- "Exact Sequence of the courses provided in the curriculum" scored 71%, 17%, and 11% as excellent, good, and average respectively.
- "Syllabus coverage in class by the teaching faculty" scored 78%, 16%, and 6% as excellent, good, and average respectively.
- "Faculty Encouragement in learning process" scored 82%, 14%, and 5% as excellent, good, and average respectively.
- "Teaching and learning process enables clear understanding of the course content" scored 80%, 23%,

and 8% as excellent, good, and average respectively.

- "Text books/ reference books /e-content recommended in the syllabus are relevant and updated" scored 69%, 23%, and 8% as excellent, good, and average respectively.
- "Availability of library resources in central and departmental library" scored 71%, 20%, and 9% as excellent, good, and average respectively.
- "Reliability of Assessment and Evaluation Process" scored 75%, 12%, and 13% as excellent, good, and average respectively.
- "The syllabus provides sufficient knowledge & perspective in the respective branch" scored 67%, 24%, and 10% as excellent, good, and average respectively.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 67%, 21%, and 11% as excellent, good, and average respectively.

SUGGESTIONS:

- More no of tutorials can be given for laboratory experiments for better understanding

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DEPARTMENT OF AERONAUTICAL ENGINEERING

ALUMNI FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

S. No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Alumni Response						
1	Course objectives and outcomes of the syllabus	45	15	12		72
2	Regulations and scheme of examination	41	21	10		72
3	Semester-wise course content	44	16	12		72
4	Course content, delivery, methodology and learning resources	47	14	11		72
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	48	10	14		72
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	38	20	14		72
7	Availability of learning resources, text and reference books in the central and department library	37	23	12		72

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S. No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Alumni Response						
1	Course objectives and outcomes of the syllabus	63	21	17	0	100
2	Regulations and scheme of examination	57	29	14	0	100
3	Semester-wise course content	61	22	17	0	100
4	Course content, delivery, methodology and learning resources	65	19	15	0	100
5	Practical syllabus to empower and develop experimental, design, problem solving analysis skills of the students	67	14	19	0	100
6	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	53	28	19	0	100
7	Availability of learning resources, text and reference books in the central and department library	51	32	17	0	100

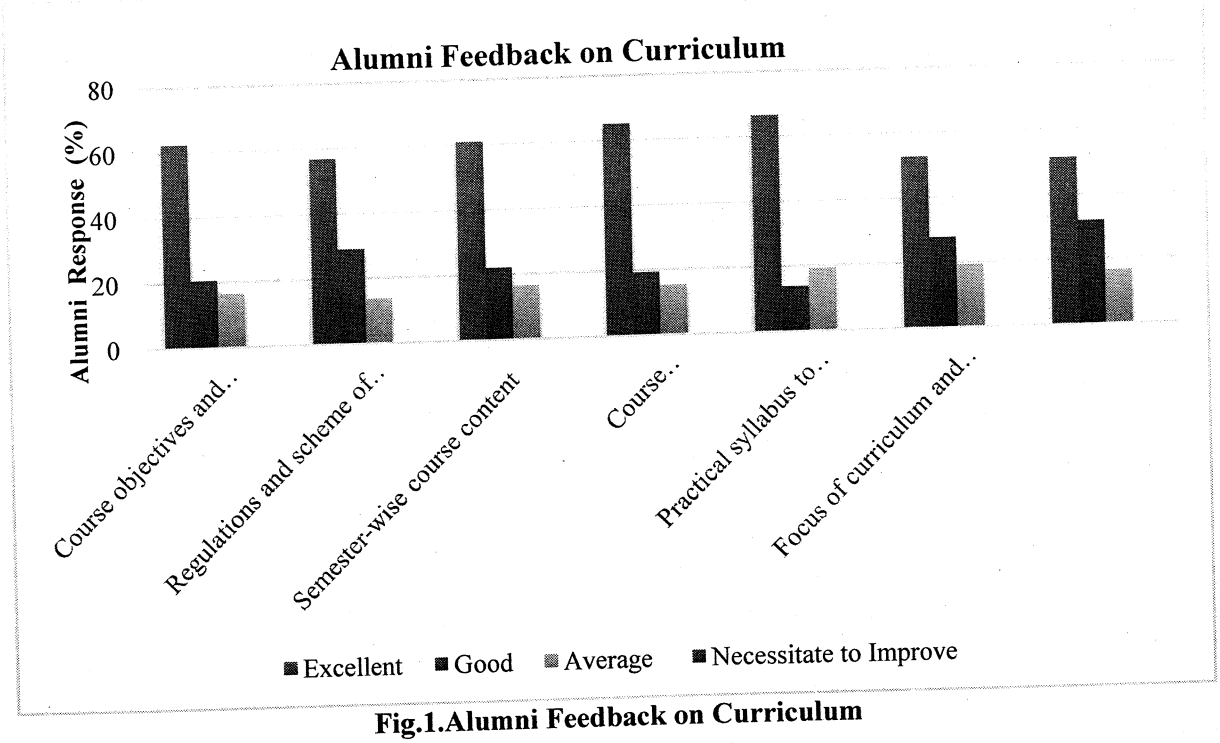

Fig.1.Alumni Feedback on Curriculum

Report:

The Alumni's response to feedback on the curriculum was given below:

- "Course objectives and outcome of the syllabus are clearly defined" scored 63%, 21%, and 17%, as excellent, good, and average respectively.
- "Regulations and Scheme of Examination" scored 57%, 29%, and 14%, as excellent, good, and average respectively.
- "Semester-wise course content" scored 61%, 22%, and 17%, as excellent, good, and average respectively.
- "Content Delivery, Methodology & Learning Resources" scored 65%, 19%, and 15%, as excellent, good, and average respectively.
- "The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 67%, 14%, and 19%, as excellent, good, and average respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 53%, 28%, and 19%, as excellent, good, and average respectively.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 51%, 32%, and 17%, as excellent, good, and average respectively.

SUGGESTIONS:

- Skill based courses can be introduced in curriculum like MATLAB for better job placement.

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DEPARTMENT OF AERONAUTICAL ENGINEERING

PARENTS FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2023-2024

Table.1. Consolidated Parent's Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parents Response					
1.	Curriculum, syllabi and course contents to promote self-learning among the students	27	7	7		41
2.	Fairness of faculty in treating students irrespective of their background	28	10	3		41
3.	Reliability and transparency in the assessment and evaluation process of the institution	25	11	5		41
4.	Infrastructure and laboratory facilities to support the curriculum	24	12	5		41
5.	Availability of learning resources, text and reference books in the central and department library	31	5	5		41

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum, syllabi and course contents to promote self-learning among the students	66	17	17	0	100
2.	Fairness of faculty in treating students irrespective of their background	68	24	7	0	100
3.	Reliability and transparency in the assessment and evaluation process of the institution	61	27	12	0	100
4.	Infrastructure and laboratory facilities to support the curriculum	59	29	12	0	100
5.	Availability of learning resources, text and reference books in the central and department library	76	12	12	0	100

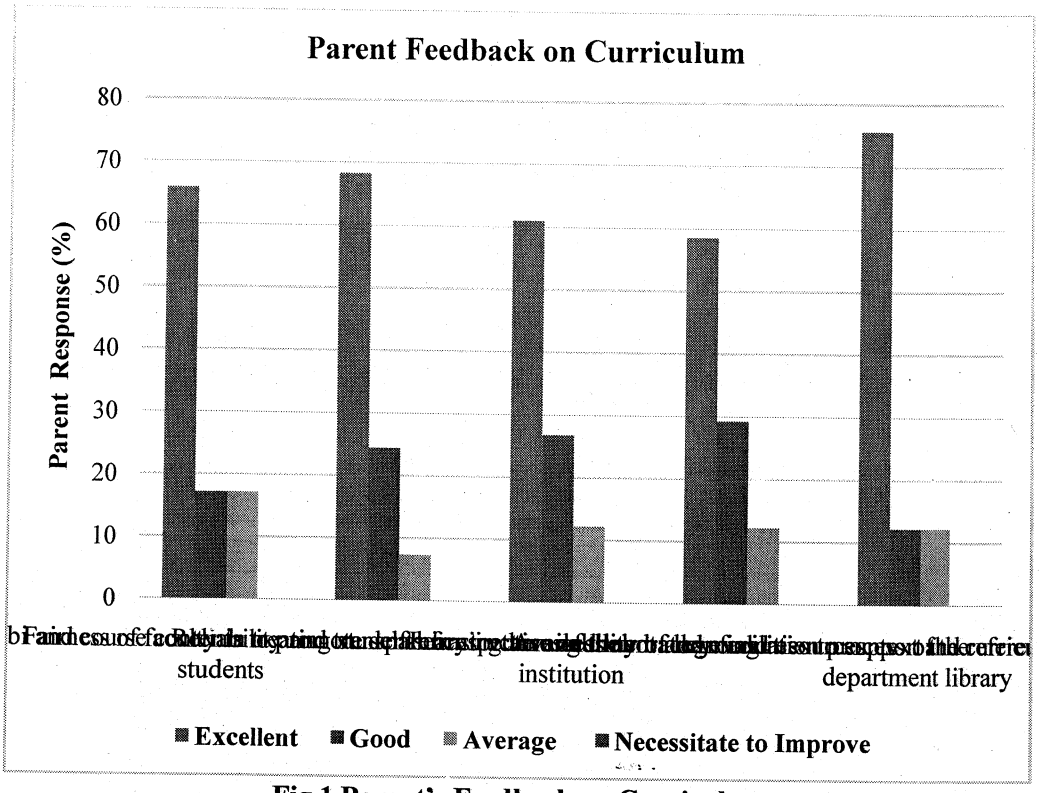

Fig.1.Parent's Feedback on Curriculum

REPORT

The parent's response to feedback on the curriculum was given:

- Syllabus content of the course which promotes the students self-learning" scored 66%, 17%, and 17% as excellent, good, and average respectively.
- Teaching Faculty treat the students equally irrespective of the background" scored 68%, 24%, and 7% as excellent, good, and average respectively.
- Transparency of the evaluation system followed by the Institution" scored 61%, 27%, and 12% as excellent, good, and average respectively.
- Infrastructure and Lab Facility available to support the curriculum" scored 59%, 29%, and 12% as excellent, good, and average respectively.
- Availability of the text and reference books in Central and Department library" scored 76%, 12%, and 12% as excellent, good, and average respectively.

SUGGESTIONS:

- More no of text books for core subjects can be in library for the benefit of students.

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DEPARTMENT OF AERONAUTICAL ENGINEERING

FACULTY FEEDBACK ANALYSIS

B.E (Aeronautical Engineering)

2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	15	3			18
2.	Professional and open electives offered in the curriculum of the program	14	4			18
3.	Implementation of outcome-based education	13	5			18
4.	Contribution of course outcomes to the fulfilment of the program outcomes	15	3			18
5.	Regulations and scheme of examination	12	6			18
6.	Semester-wise course content	18				18
7.	Course content, delivery, methodology and learning resources	18				18
8.	Availability of learning resources, text and reference books in the central and department library	14	4			18
9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	15	3			18
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	18				18

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	83	17	0	0	100
2.	Professional and open electives offered in the curriculum of the program	78	22	0	0	100

3.	Implementation of outcome-based education	72	28	0	0	100
4.	Contribution of course outcomes to the fulfilment of the program outcomes	83	17	0	0	100
5.	Regulations and scheme of examination	67	33	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Course content, delivery, methodology and learning resources	100	0	0	0	100
8.	Availability of learning resources, text and reference books in the central and department library	78	22	0	0	100
9.	Focus of curriculum and syllabus in: making the students industry ready; creating opportunities to contribute and participate in conferences / seminars / webinars /workshops; inducing self-learning; inventing new ideologies to the society; preparing research proposal and entrepreneurship	83	17	0	0	100
10.	Suggestions from experts (academic and industry) in BoS for the design and updation of the syllabus	100	0	0	0	100

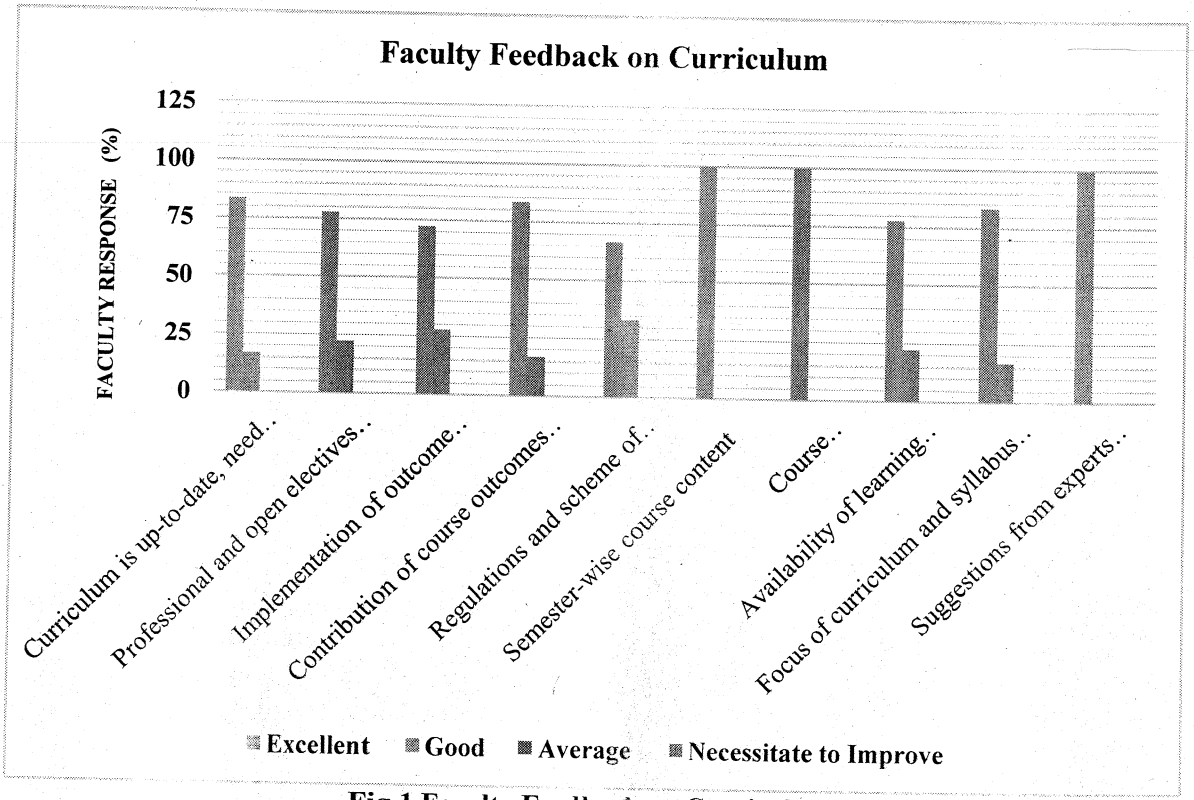

Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

- The syllabus is up-to-date, need based and application oriented" scored 83% as excellent and 17 % as good.
- "Electives offered are supportive to the core papers" scored78%, and 22% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 72%, and 28% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) scored83 % as excellent and 17% as good.
- "Regulations and Scheme of Examination" scored 67%, and 33% as excellent, and good respectively.
- "Semester-wise course content" scored 100 % as excellent.
- "Content Delivery, Methodology and Learning Resources" scored 100 % as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 78%, and 22% as excellent, and good respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 83%, and 17% as excellent, and good respectively.
- "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100 % as excellent.

SUGGESTIONS:

- . In Honors degree courses, Applied Structural Mechanics can be included.

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Coimbatore 641 032

B.E/B.Tech- AGRICULTURAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech -Agricultural Engineering

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	35	2	0	0	37
2.	Course objective & course outcomes are achieved in the syllabus.	32	5	0	0	37
3.	Professional and open Electives offered are supportive to the core papers.	28	7	2	0	37
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	33	2	2	0	37
5.	Profundity of the course content in the syllabus.	25	8	4	0	37
6.	Exact Sequence of the courses provided in the curriculum	29	6	2	0	37
7.	Syllabus coverage in class by the teaching faculty	25	8	4	0	37
8.	Faculty Encouragement in learning process	25	5	5	0	35
9.	Teaching and learning process enables clear understanding of the course content.	26	4	5	0	35
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	22	8	7	0	37
11.	Availability of library resources in central and departmental library.	23	5	9	0	37
12.	Reliability of Assessment and Evaluation Process.	27	8	2	0	37
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	22	10	5	0	37
14.	Curriculum has ability to develop Entrepreneurship and Employability.	20	12	5	0	37

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Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	94.59	5.41	0.00	0.00	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	86.49	13.51	0.00	0.00	100.00
3.	Professional and open Electives offered are supportive to the core papers.	75.68	18.92	5.41	0.00	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	89.19	5.41	5.41	0.00	100.00
5.	Profundity of the course content in the syllabus.	67.57	21.62	10.81	0.00	100.00
6.	Exact Sequence of the courses provided in the curriculum.	78.38	16.22	5.41	0.00	100.00
7.	Syllabus coverage in class by the teaching faculty.	67.57	21.62	10.81	0.00	100.00
8.	Faculty Encouragement in learning process.	71.43	14.29	14.29	0.00	100.00
9.	Teaching and learning process enables clear understanding of the course content.	74.29	11.43	14.29	0.00	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	59.46	21.62	18.92	0.00	100.00
11.	Availability of library resources in central and departmental library.	62.16	13.51	24.32	0.00	100.00
12.	Reliability of Assessment and Evaluation Process.	72.97	21.62	5.41	0.00	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	59.46	27.03	13.51	0.00	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	54.05	32.43	13.51	0.00	100.00

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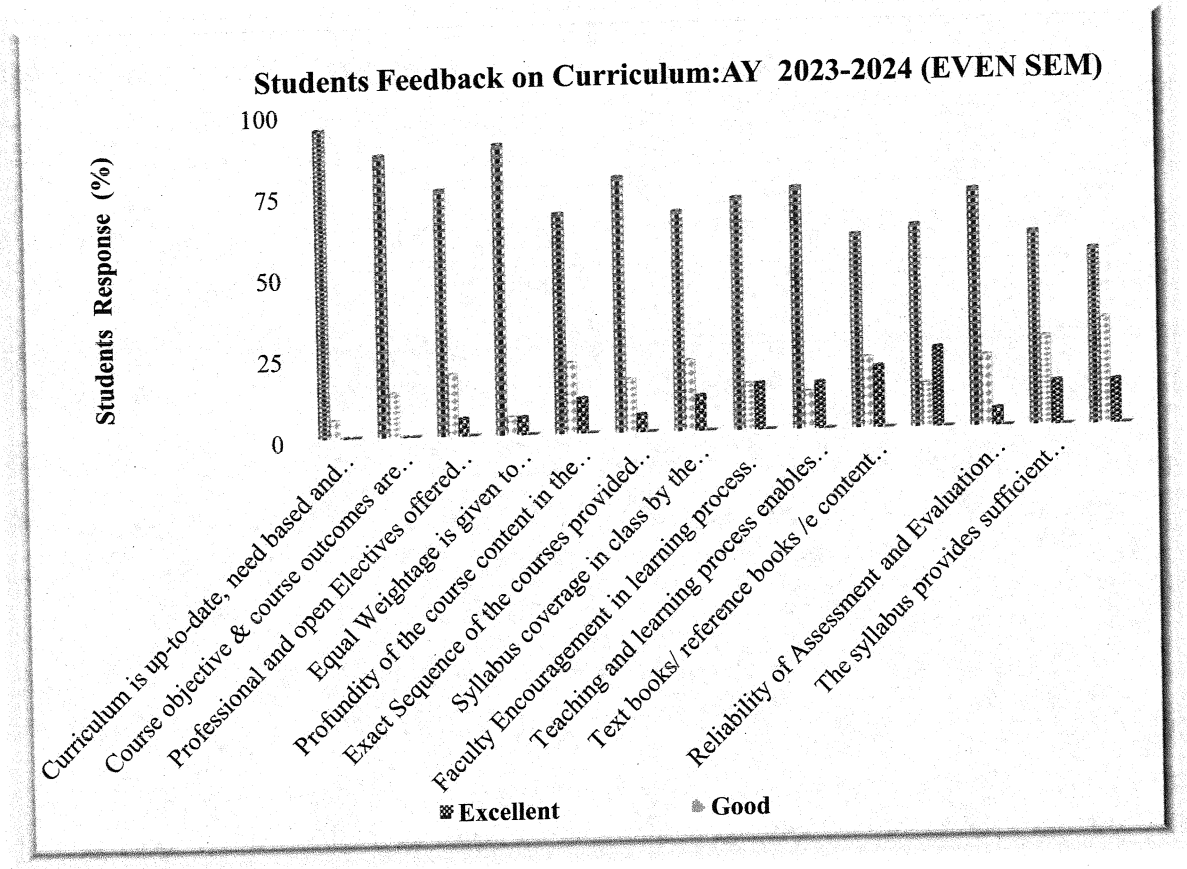

Fig.1. Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application oriented design 95% of students are highly satisfied and 5 % of students are moderately satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 86% of students are highly satisfied, 13% of students are satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 75 % of students are highly satisfied, 19 % of students are satisfied and 5 % of students are averagely satisfied
- In the Equal Weightage is given to theory and practical course content 89 % of students are highly satisfied 5 % of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 68% of students are highly satisfied, 22 % of students are satisfied and 11 % of students are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 78 % of students are highly satisfied, 16 % of students are satisfied and 5 % of students are moderately satisfied.
- Syllabus coverage in class by the teaching faculty 68% of students are highly satisfied, 22 % of students are satisfied and 11 % of students are moderately satisfied.

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- Faculty Encouragement in learning process 71 % of students are highly satisfied, 14 % of students are satisfied and 14 % of students are moderately satisfied
- Teaching and learning process enables clear understanding of the course content 74 % of students are highly satisfied, 11 % of students are satisfied and 14 % of students are moderately satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 59 % of students are highly satisfied, 22 % of students are satisfied and 19 % of students are moderately satisfied.
- Reliability of assessment & evaluation process 73% of students are highly satisfied, 22 % of students are satisfied and 5% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch. 59 % of students are highly satisfied, 27 % of students are satisfied and 14 % of students are moderately satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 54% of students are highly satisfied, 32% of students are satisfied and 14 % of students are moderately satisfied.

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Hindusthan College of Engineering and Technology

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B.E/B.Tech- AGRICULTURAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech-Agriculture Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4	2	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	3	1	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	3	2	1	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	3	2	1	0	6

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Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	66.67	33.33	0.00	0.00	100.00
2.	Implementation of Outcome Based Education	50.00	33.33	16.67	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	33.33	50.00	16.67	0.00	100.00
4.	Offered Courses related to Industry/employability	83.33	16.67	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	50.00	33.33	16.67	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66.67	16.67	16.67	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	50.00	33.33	16.67	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	50.00	33.33	16.67	0.00	100.00

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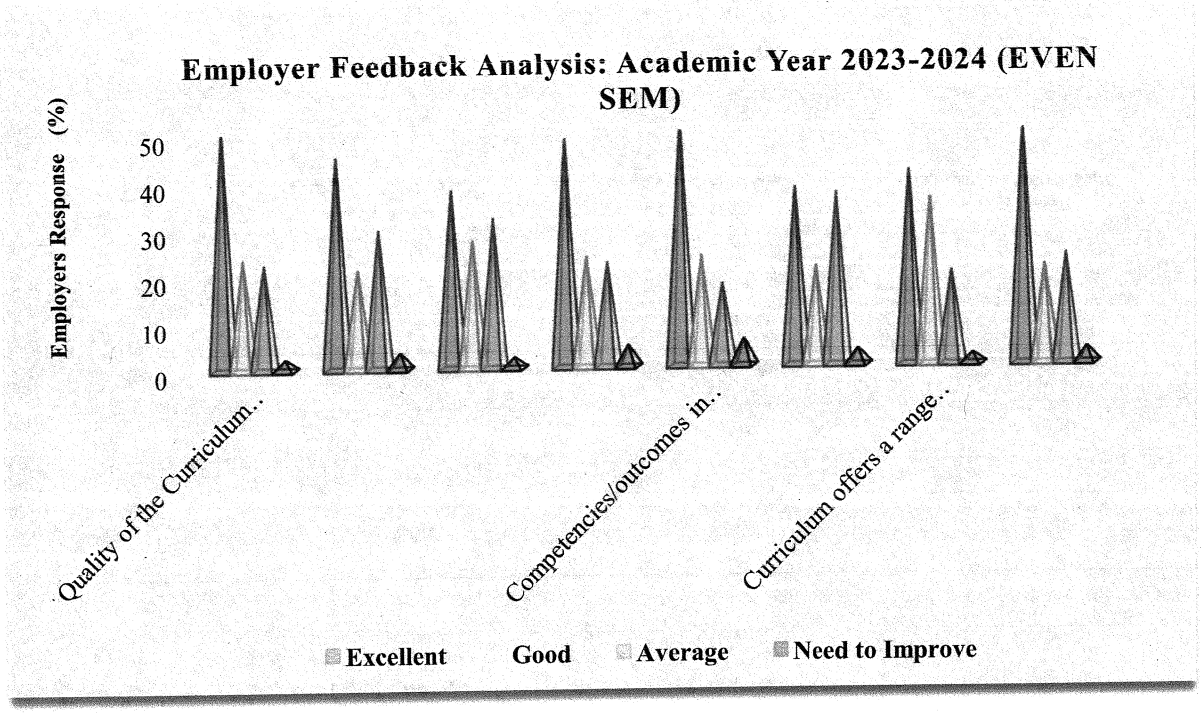

Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, 67 percentages of companies are given excellent, 33 percentages of the companies are given good.
- Implementation of Outcome Based Education, 50 percentage of companies are given excellent, 33 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 33 percentage of companies are given excellent, 50 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Offered Courses related to Industry/employability, 83 percentage of companies are given excellent, 17 percentage of the companies are given good.
- Competencies/outcomes in relation to the course content, 50 percentage of companies are given excellent, 33 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 67 percentage of companies are given excellent, 17 percentage of the companies are given good, 17 percentage of companies are marked as an average.
- Curriculum offers a range of professional and open electives/value-added courses, 50 percentage of companies are given excellent, 33 percentage of the companies are given good, 17 percentage of companies are marked as an average

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- Curriculum has ability to develop entrepreneurship/inventing new ideology, 50 percentage of companies are given excellent, 33 percentage of the companies are given good, 17 percentage of companies are marked as an average.

Suggestions:

- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Syllabus revision is required based on current need in Biomaterial and Artificial Organ subject.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Introduce full stack java development courses
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ Include spark topics in big data paper, including virtualization in OS.
- ✓ Include jingo topic in python paper
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

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B.E/B.Tech- AGRICULTURAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech-Agricultural Engineering

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	10	3	0	0	13
2.	Teaching Faculty treat the students equally irrespective of the background	12	1	0	0	13
3.	Transparency of the evaluation system followed by the Institution	11	2	0	0	13
4.	Infrastructure and Lab Facility available to support the curriculum.	9	2	2	0	13
5.	Availability of the text and reference books in Central and Department library.	7	4	2	0	13

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Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	76.92	23.08	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	92.31	7.69	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	84.62	15.38	0.00	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	69.23	15.38	15.38	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	53.85	30.77	15.38	0.00	100.00

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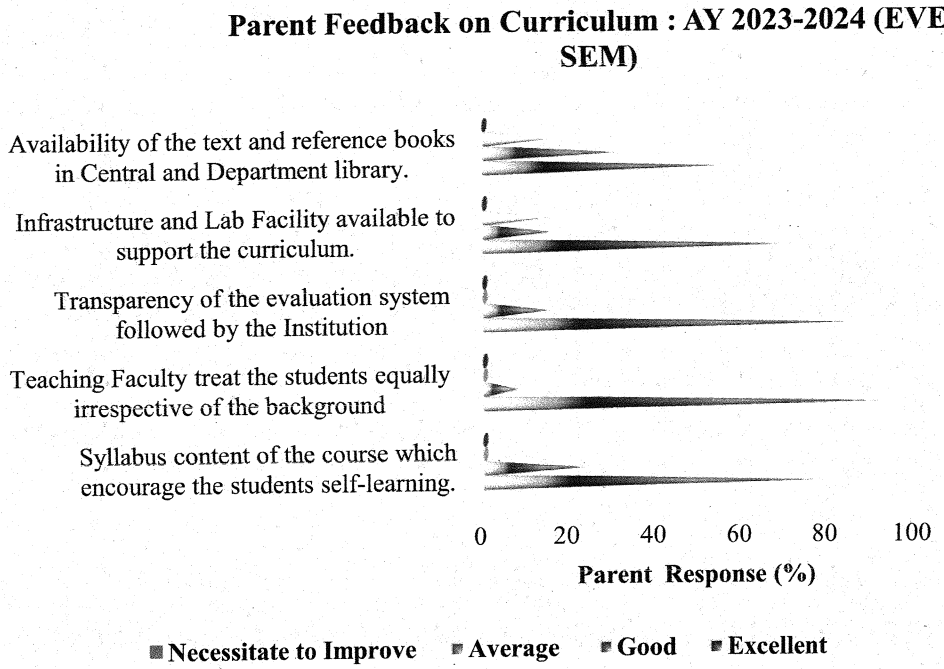

Fig.1. Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 77 % of parents are highly satisfied, 23 % of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 92 % of parents are highly satisfied, 8 % of parents are satisfied and 9 % of parents are moderately satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 85 % of parents are highly satisfied, 15 % of parents are satisfied.
- Infrastructure and Lab Facility available to support the curriculum 69 % of parents are highly satisfied, 15 % of parents are satisfied and 15 % of parents are averagely satisfied
- In the case of Availability of the text and reference books in Central and Department library 54 % of parents are highly satisfied, 31 % of parents are satisfied and 15 % of parents are averagely satisfied.

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B.E/B.Tech- AGRICULTURAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech-Agricultural Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	11	5	0	0	16
2.	Regulations and Scheme of Examination	12	4	0	0	16
3.	Semester-wise course content	11	5		0	16
4.	Content Delivery, Methodology & Learning Resources	12	4	0	0	16
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	9	4	3	0	16
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	8	5	3	0	16
7.	Availability of library resources supports Text and Reference Books suggested to study	9	4	3	0	16

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Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	68.75	31.25	0.00	0.00	100.00
2.	Regulations and Scheme of Examination	75.00	25.00	0.00	0.00	100.00
3.	Semester-wise course content	68.75	31.25	0.00	0.00	100.00
4.	Content Delivery, Methodology & Learning Resources	75.00	25.00	0.00	0.00	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	56.25	25.00	18.75	0.00	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50.00	31.25	18.75	0.00	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	56.25	25.00	18.75	0.00	100.00

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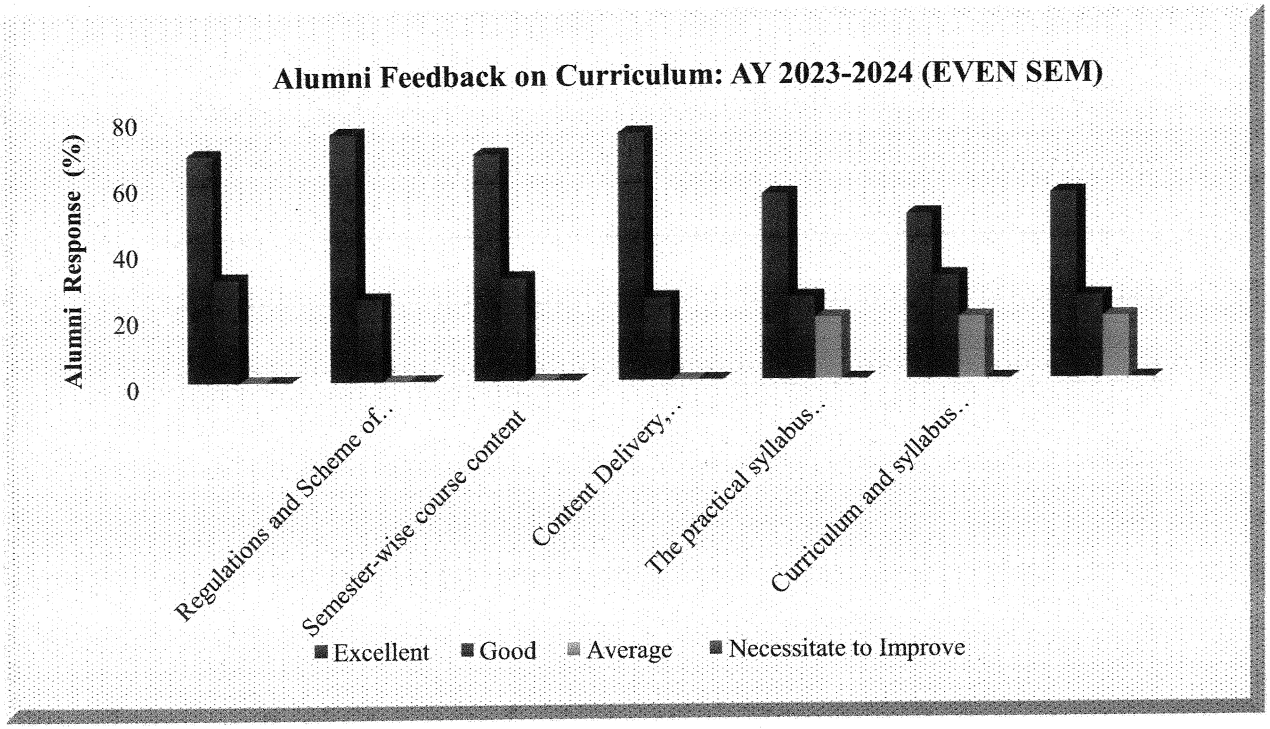

Fig.1. Alumni Feedback on Curriculum

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 68.5 % of Alumni are highly satisfied 31.25% of Alumni are satisfied and 4% of Alumni are moderately satisfied.
- In the case of the Regulations and Scheme of Examination 75 % of Alumni are highly satisfied, 25 % of Alumni are satisfied.
- With respect to the Semester-wise course content 69 % of Alumni are highly satisfied and 31 % of Alumni are satisfied
- In the case of Content Delivery, Methodology & Learning Resources 75 % of Alumni are highly satisfied, 25 % of Alumni are satisfied
- Considering the use of the practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 56% of Alumni are highly satisfied, 25 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 50% of Alumni are highly satisfied, 31% of Alumni are satisfied and 19 % of Alumni feels average.

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- In the case of the Availability of library resources supports Text and Reference Books suggested to study 56 % of Alumni are highly satisfied and 25 % of Alumni are satisfied and 19 % of Alumni feels average.

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B.E/B.Tech- AGRICULTURAL ENGINEERING

SYLLABUS REVISION BASED STAKEHOLDERS' SUGGESTION

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech-Agricultural Engineering

Syllabus Revision based Stakeholders suggestion -AY 2023-2024

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Employer	Mr.C.V.Madheswaran Managing Director, KSNM Marketing, Coimbatore BME Industrial Expert; SF NO 29/1B Onapalayam Coimbatore- 641190. suggested to change Unit I, Unit II, Unit III and Unit IV syllabus content in Principles and Practices of Crop	22AG2252R & Principles and Practices of Crop	10	Syllabus content Changed and implemented in AY of 22-23
Faculty	Dr.Rajaravi C Associate Professor, Department of Agricultural Engineering, HiCET, Coimbatore suggested to change the 5 percentage of syllabus content in 21AG6181 - Professional Ethics Subject	21AG6181 - Professional Ethics	5	Syllabus content Changed and implemented in AY of 22-23.

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Programme	Course Code	Name of the Course	L	T	P	C
B.E.	21AG6181	PROFESSIONAL ETHICS	3	0	0	3

Course Objective

- To enable the students' minds to get an awareness on Engineering Ethics and Human Values
- To instill Moral and to uphold Social Values in appreciation to the on par rights of others.

Unit	Description	Instructional Hours
I	**HUMAN VALUES** Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management. Maintain physical health in yoga.	9
II	**ENGINEERING ETHICS** Senses of 'Engineering Ethics' – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg's theory – Gilligan's theory – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion .	9
III	**SOCIAL EXPERIMENTATION** Engineering with societal Experimentation – Engineers as responsible Experimenters – Calibration Codes of Engineering Ethics – A Balanced Outlook on Law.	9
IV	**SAFETY, RESPONSIBILITY AND RIGHTS ISSUES** Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis and Reducing Risk - Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR) – Discrimination.	9
V	**GLOBAL ISSUES** Multinational Corporations – Environmental Ethics – Computer Ethics – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Moral Leadership –Code of Conduct – Corporate Social Responsibility.	9
	Total Instructional Hours	45

Course Outcome

CO1: Upon completion of the course, the student should be able to apply ethics in society, discuss the ethical issues related to engineering and realize the responsibilities and rights in the society.
CO2: To learn Calibration Codes of Engineering Ethics
CO3: Understand the Intellectual Property Rights (IPR) for new invention
CO4: Assessment of Safety and Risk in effective way.
CO5: Understand the importance of Corporate Social Responsibility.

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TEXT BOOKS:

T1 Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2003.

T2 Govindarajan M, Natarajan S, Senthil Kumar V. S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

REFERENCE BOOKS:

R1 Charles B. Fleddermann, "Engineering Ethics", Pearson Prentice Hall, New Jersey, 2004.

R2 Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, "Engineering Ethics – Concepts and Cases", Cengage Learning, 2009

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Programme	Course Code	Name of the Course	L	T	P	C
B.Tech	22AG2252R	PRINCIPLES AND PRACTICES OF CROP PRODUCTION	2	0	2	3

Course Objective

- To introduce the students to agricultural and horticulturalcrops
- To understand the production practices of crops and usage of farming equipment's from land preparation to harvesting of the crops
- To acquire adequate knowledge on fertilizer, weeds, pest and diseases and their management

Unit	Description	Instructional Hours
I	**AGRICULTURE AND CROP PRODUCTION** Introduction to agriculture-sectors - field crop production and horticulture - Factors affecting crop growth and production: genetic (internal) and environmental (external) factors - Crop management through environmental modification and adaptation of crops to the existing environment through crop cultural Practices – cropping system and croppting pattern Lab 1: Field Preparation – Tillage- Primary And Secondary Tillage Implements Lab 2: Visit to Tamil Nadu Agricultural University and Private agricultural farms	9
II	**CROP SELECTION AND ESTABLISHMENT** Regional and seasonal selection of crops - Systems of crop production; Competition among crop plants - Spacing and arrangement of crop plants; Field preparation for crops including systems of tillage - selection and treatment of seed - nursery preparation – main field preparation Lab 3: Identification of seeds, manures and fertilizers Lab 4: Seeds – Sowing - Spacing & Arrangement – Types & Methods Of Sowing - Nursery Preparation	9
III	**CROP MANAGEMENT** Crop water Management - irrigation- types – irrigation scheduling – crop water requirement - Crop nutrition management - organic and inorganic nutrients, sources, generalized recommendations, methods and timing ofapplication Crop protectionincluding management of weeds, pests and pathogens - Integrated management of water, nutrients and plant protection Lab 5: Water Management – Irrigation Methods – Crop Water Requirement Lab 6: Nutrient Management - Organic & Inorganic Fertilizers – Integrated Nutrient Management – Application Methods	9
IV	**PRODUCTION PRACTICES OFAGRICULTURAL CROPS** Generalized management and cultivation practices for important groups of field crops in Tamil Nadu - cereal crops, grain legumes, oil seed crops, sugarcane, and fiber crops, and special purpose crops from land preparation to harvesting Lab 7: Plant Protection Measures – Organic And Inorganic Fertilizers – IPM	9
V	**PRODUCTION PRACTICES OF HORTICULTURAL CROPS** Important groups of horticultural crops in Tamil Nadu such as vegetable crops, fruit crops, flower crop - Cultivation practices of representatives of each group - Special features of production of horticultural crops - green house cultivation. Lab 8: Harvesting – Types & Methods – Maturity Indices	9
	Total Instructional Hours	45

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Course Outcome

CO1: Students completing this course would have acquired knowledge on agriculture and crop product

CO2: The students will have the required knowledge in the area of production and productivity of agricultural and horticultural crops

CO3: Understanding the important of Crop water Management and Crop nutrition management in crop cultivation.

CO4: To acquire knowledge on the field crop production practices in TamilNadu and India.

CO5: To get knowledge on the role of greenhouse cultivation in future production technology.

TEXT BOOKS:

T1 S S Rajendra Prasad, Text Book of Field Crop Production. Directorate of Information and Publication, Krishi Anusandhan Bhavan, Pusa, New Delhi, 2015.

T2 Reddy T. Sankara G.H. Yellamanda Reddi, Principles of Agronomy, Kalyani Publishers, New Delhi, 2005.

T3 Handbook of Agriculture. ICAR Publications, New Delhi, 2011

REFERENCE BOOKS:

R1 Bose T. K. and L.P.Yadav. Commercial Flowers, Naya Prakash, Calcutta.1989.

R2 Crop Production Guide, Tamil Nadu Agricultural University Publication, Coimbatore,2005

R3 Kumar, N., Abdul Khader, M. Rangaswami, P. and Irulappan, I. Introduction to spices, plantation crops, medicinal and aromatic plants. Rajalakshmi Publications, Nagercoil. 1993.

R4 Kumar, N.,"Introduction to Horticulture", Rajalakshmi Publications. Nagercoil, 7th edition, 2015.

R5 Shanmugavel, K.G. Production Technology of Vegetable Crops. Oxford India Publications, New Delhi. 1989

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

academic resources.

B.Tech Artificial Intelligence and Machine Learning

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	41	1	0	0	42
2.	Course objective & course outcomes are achieved in the syllabus.	39	2	1	0	42
3.	Professional and open Electives offered are supportive to the core papers.	40	1	1	0	42
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	38	2	2	0	42
5.	Profundity of the course content in the syllabus.	39	1	1	1	42
6.	Exact Sequence of the courses provided in the curriculum	40	1	1	0	42
7.	Syllabus coverage in class by the teaching faculty	42	0	0	0	42
8.	Faculty Encouragement in learning process	41	1	0	0	42
9.	Teaching and learning process enables clear understanding of the course content.	41	1	0	0	42
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	38	3	1	0	42
11.	Availability of library resources in central and departmental library.	37	3	2	0	42
12.	Reliability of Assessment and Evaluation Process.	39	2	1	0	42
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	41	1	0	0	42
14.	Curriculum has ability to develop Entrepreneurship and Employability.	40	2	0	0	42

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	98	2	0	0	100.00
2.	Course objective & course outcomes are achieved in the syllabus.	93	5	2	0	100.00
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100.00
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	90	5	5	0	100.00
5.	Profundity of the course content in the syllabus.	93	5	2	2	100.00
6.	Exact Sequence of the courses provided in the curriculum.	95	3	2	0	100.00
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100.00
8.	Faculty Encouragement in learning process.	98	2	0	0	100.00
9.	Teaching and learning process enables clear understanding of the course content.	98	2	0	0	100.00
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	90	7	3	0	100.00
11.	Availability of library resources in central and departmental library.	88	7	5	0	100.00
12.	Reliability of Assessment and Evaluation Process.	93	5	2	0	100.00
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	98	2	0	0	100.00
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100.00

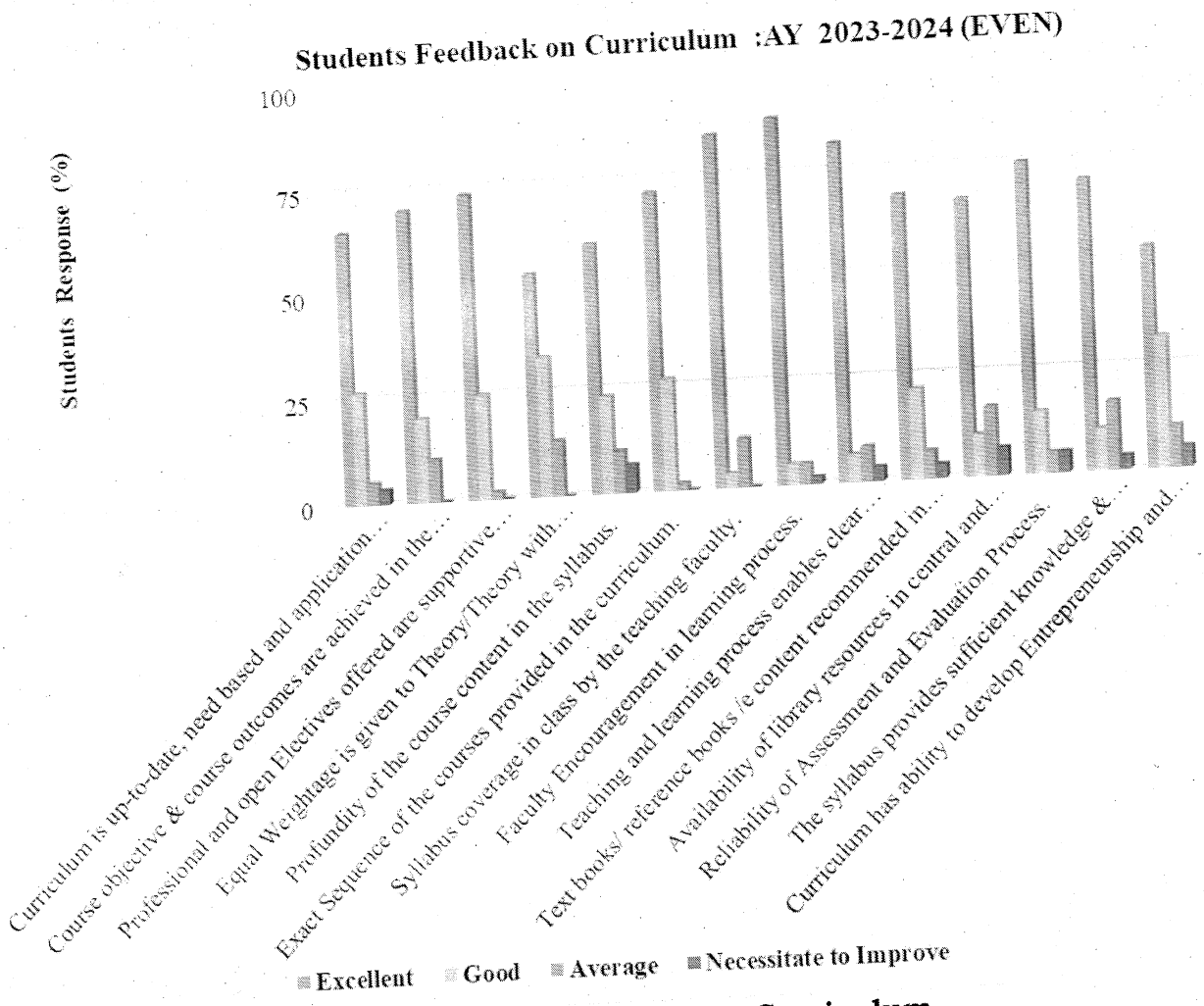

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 98% of students are highly satisfied and only 2% of students are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 90 % of students are very satisfied, 5% of students are satisfied and 5 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 93% of students are highly satisfied, 5% of students are satisfied only 2 % of students

are moderately satisfied.

- In the case of Exact Sequence of the courses provided in the curriculum, 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all 100% of students are highly satisfied.
- Faculty Encouragement in learning process, 98 % of students are highly satisfied and 2% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 98 % of students are highly satisfied, only 2% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 90% of students are highly satisfied, 7% of students are satisfied and only 3% of students are moderately satisfied.
- Reliability of assessment & evaluation process 93% of students are highly satisfied, 5% of students are satisfied and 2% of students are moderately satisfied
- The syllabus provides sufficient knowledge & perspective in the respective branch, 98 % of students are highly satisfied, only 2% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- Arrange internship opportunities from semester III onwards to get exposure on industrial needs.
- Other than department specific minor, provide general minor degree domain courses like Entrepreneurship, Finance etc.
- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.
- Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.Tech Artificial Intelligence and Machine Learning

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	11	1	0	0	12
2.	Teaching Faculty treat the students equally irrespective of the background	12	0	0	0	12
3.	Transparency of the evaluation system followed by the Institution	12	0	0	0	12
4.	Infrastructure and Lab Facility available to support the curriculum.	10	2	0	0	12
5.	Availability of the text and reference books in Central and Department library.	9	2	1	0	12

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	92	8	0	0	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	100	0	0	0	100.00
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	83	17	0	0	100.00
5.	Availability of the text and reference books in Central and Department library.	75	17	8	0	100.00

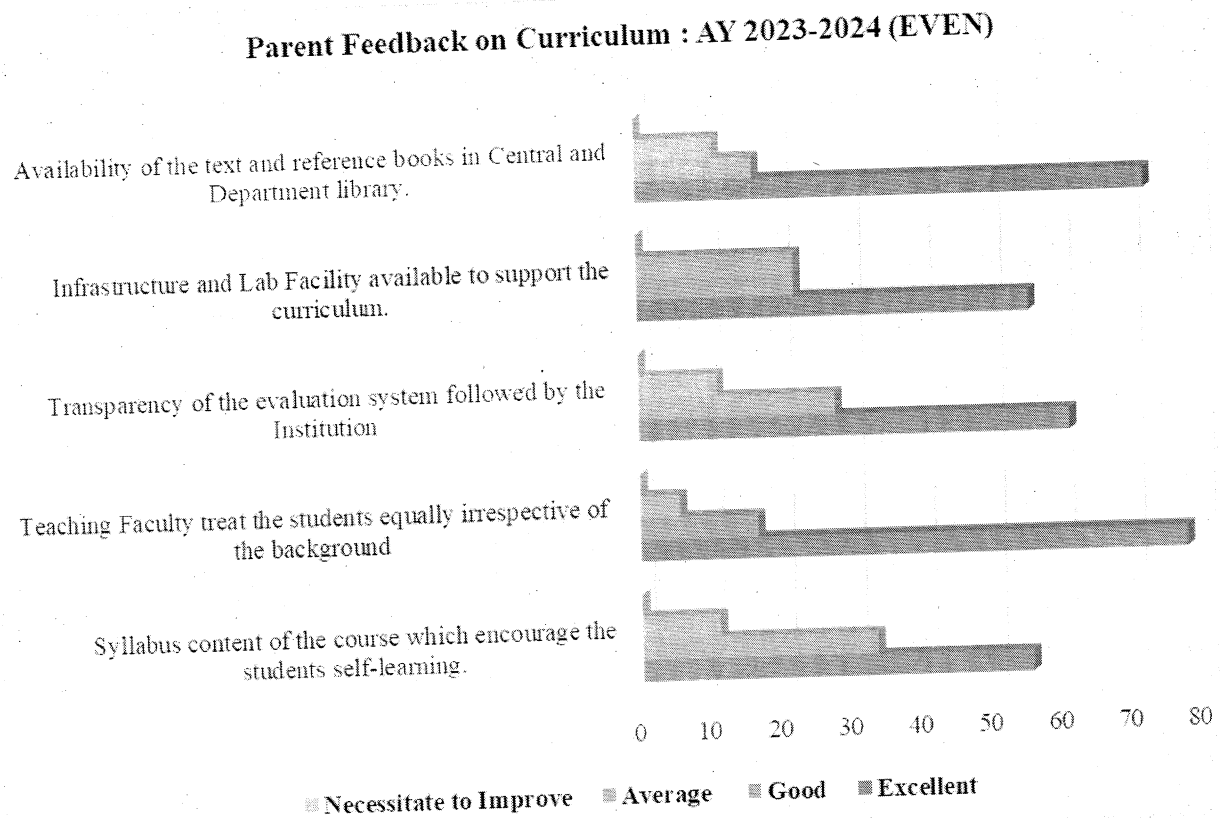

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 92 % of parents are highly satisfied, and 8% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 100 % of parents are highly satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 83 % of parents are highly satisfied, and 17 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 75 % of parents are highly satisfied, 17 % of parents are satisfied and 8 % of parents are moderately satisfied.

Suggestions:

- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.Tech Artificial Intelligence and Machine Learning

Faculty Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	8	0	0	0	8
2.	Electives offered are supportive to the core papers	7	1	0	0	8
3.	Implementation of Outcome Based Education	7	1	0	0	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	6	2	0	0	8
5.	Regulations and Scheme of Examination	8	0	0	0	8
6.	Semester-wise course content	7	1	0	0	8
7.	Content Delivery, Methodology and Learning Resources	8	0	0	0	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	0	0	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	7	1	0	0	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	8	0	0	0	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100.00
2.	Electives offered are supportive to the core papers	88	12	0	0	100.00
3.	Implementation of Outcome Based Education	88	12	0	0	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	75	25	0	0	100.00
5.	Regulations and Scheme of Examination	100	0	0	0	100.00
6.	Semester-wise course content	88	12	0	0	100.00
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	88	12	0	0	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100.00

FACULTY FEEDBACK ON CURRICULUM AY 2023-2024 (EVEN)

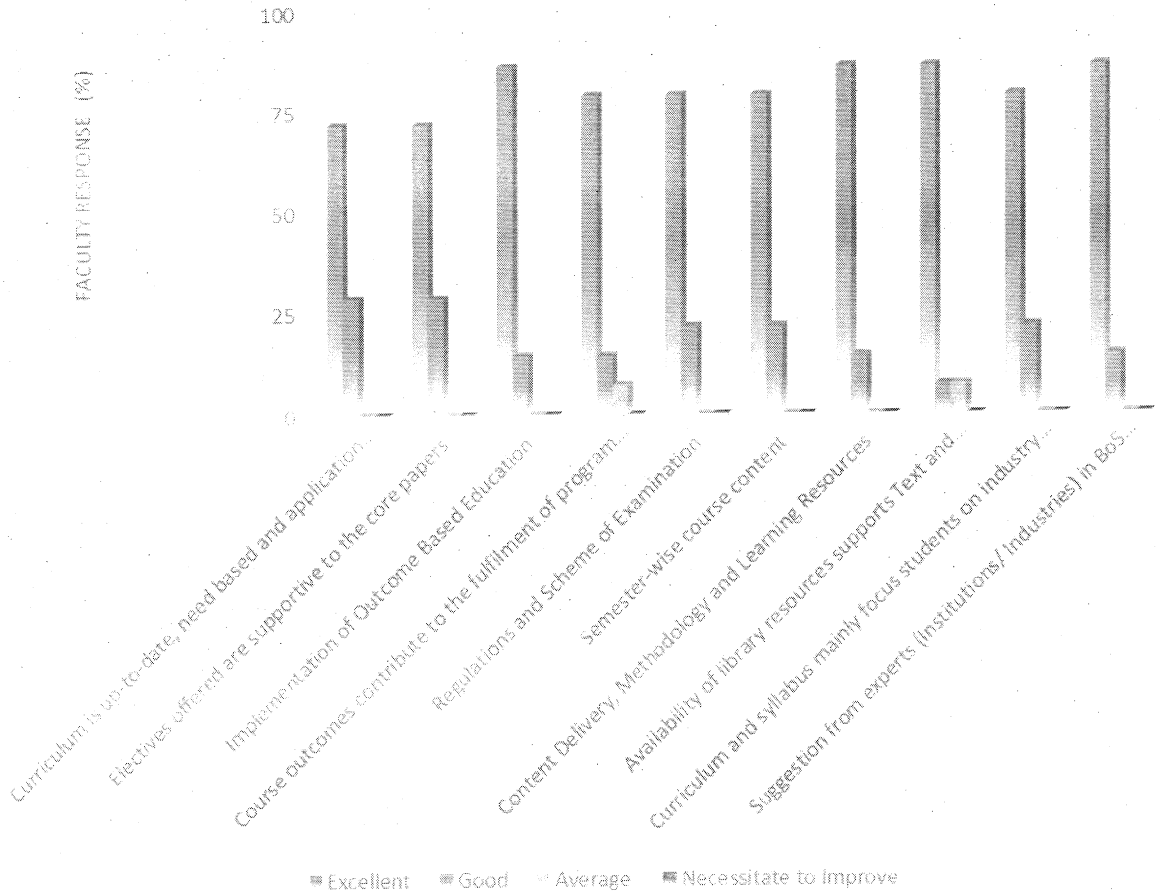

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Implementation of Outcome Based Education, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books

suggested to study 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.

- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 88 % of faculties are highly satisfied and 12 % of faculties are satisfied.
- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 100 % of faculties are highly satisfied.

Suggestions:

- Suggested to introduce cyber physical system in the corresponding Honours verticals in R2022 curriculum.
- Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.
- Suggested to ensure Course objectives should be in line with Course outcomes.

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.Tech Artificial Intelligence and Machine Learning

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	1	0	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	6	0	0	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	6	0	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	1	0	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100.00
2.	Implementation of Outcome Based Education	50	33	17	0	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	83	17	0	0	100.00
4.	Offered Courses related to Industry/employability	83	17	0	0	100.00
5.	Competencies/outcomes in relation to the course content	100	0	0	0	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	66	17	17	0	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	83	17	0	0	100.00

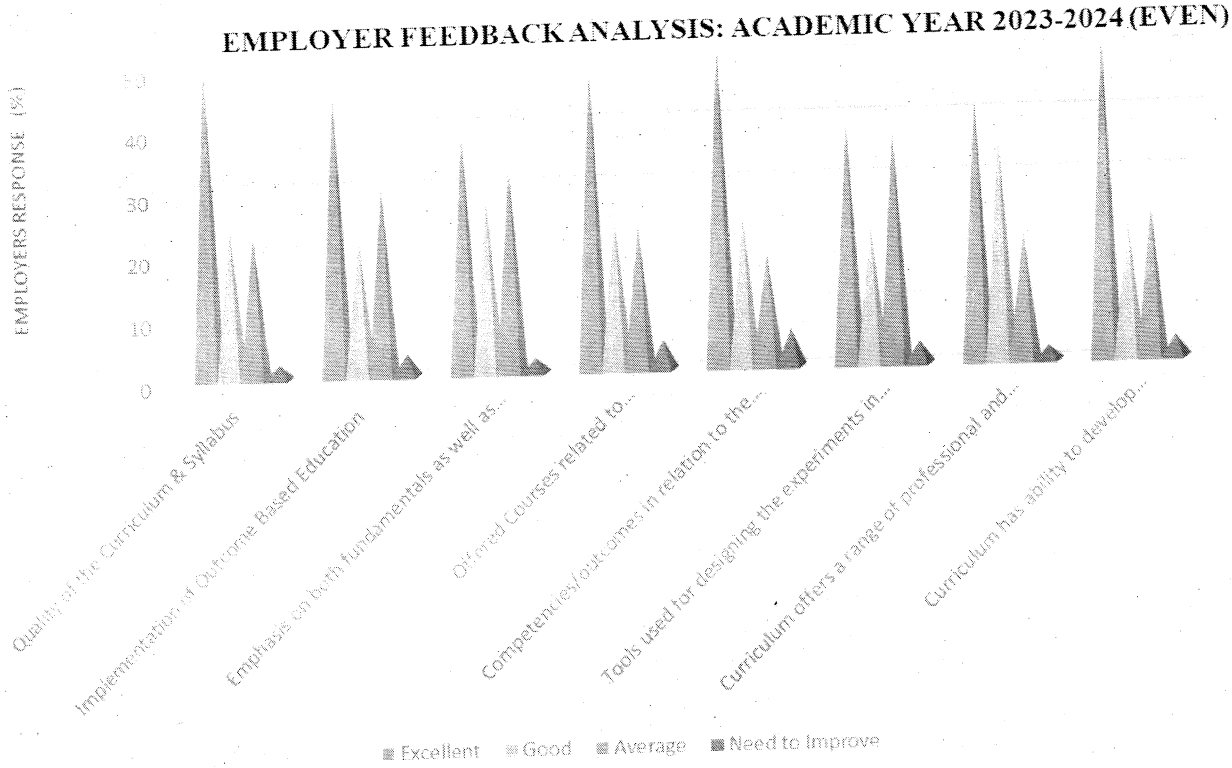

Fig.1.Employer Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Employers are given excellent, 17% of Employers are given good.
- Implementation of Outcome Based Education, 50% of Employers are given excellent, 33% of Employers are given good, also 17% of Employers are marked as an average.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, 83% of Employers are given excellent, 17% of Employers are given good.
- Offered Courses related to Industry/employability, 83% of Employers are given excellent, 17% of Employers are given good.
- Competencies/outcomes in relation to the course content, all 100% of Employers are given excellent.
- Tools used for designing the experiments in terms of existing practices in the industries, 66% of Employers are given excellent, 17% of Employers are given good and 17% of Employers are given average.
- Curriculum offers a range of professional and open electives/value-added courses,

100% of Employers are given excellent.

- Curriculum has ability to develop entrepreneurship/inventing new ideology, 83% of Employers are given excellent, 17% of Employers are given good.

Suggestions:

- ✓ Appreciated for including industrial oriented courses and agreed that students would be surely benefitted and suggested to provide sufficient time to students to complete the courses
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide more number of Soft skill courses under AEC with one or two credits.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant projects to be included as project based Learning.
- ✓ Ensure more number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ The Data Structures syllabus suggested to reframe with Python programming

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B.TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.Tech Artificial Intelligence and Machine Learning

Academic Expert Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Quality of PEOs, POs and COs	4	2	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	5	1	0	0	6
7.	Text and reference books proposed for study	3	1	1	1	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	4	1	1	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2	Implementation of Outcome Based Education	66	17	17	0	100
3.	Quality of PEOs, POs and COs	67	33	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	83	17	0	0	100
7.	Text and reference books proposed for study	49	17	17	17	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	49	17	17	17	100
10.	Panel of Examiners	66	17	17	0	100

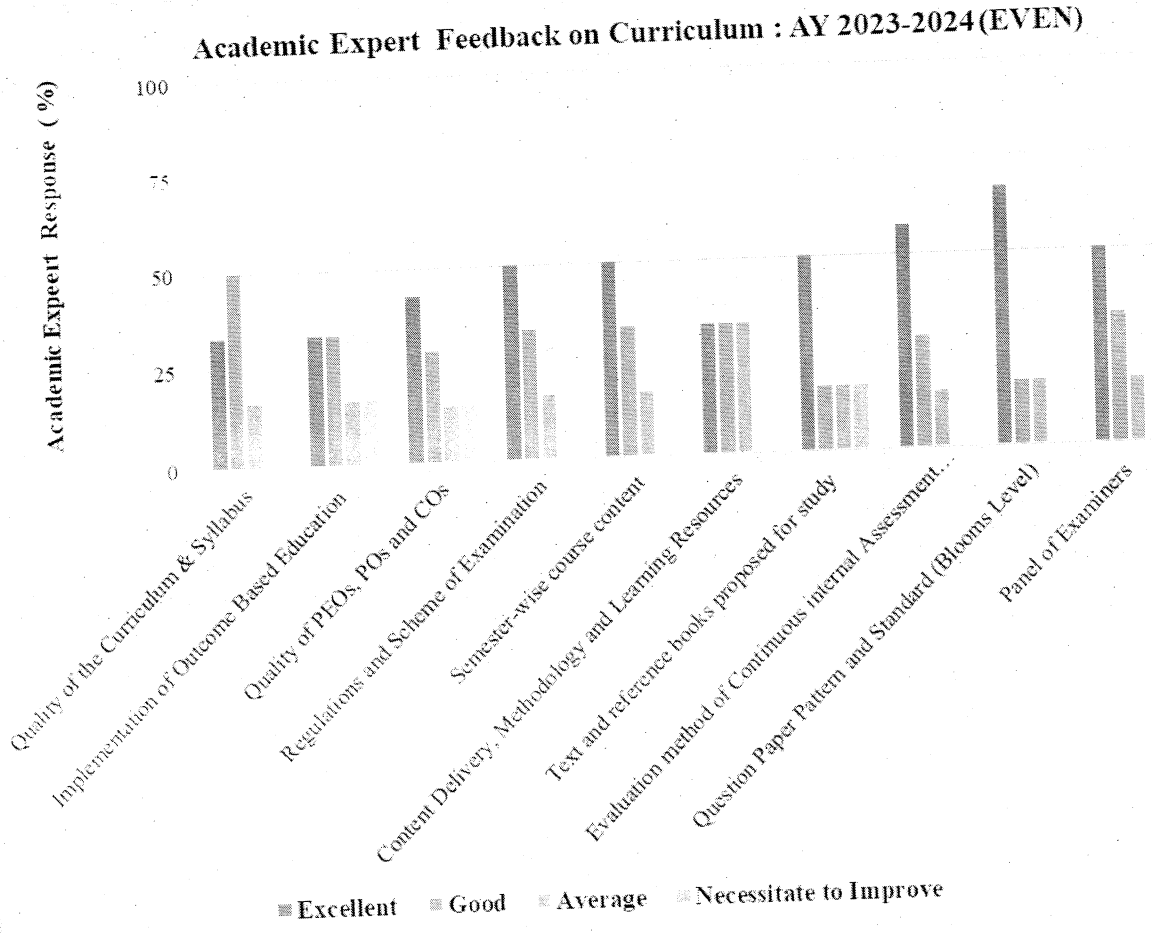

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.
- The Quality of PEOs, POs and COs, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good

- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good
- For Question Paper Pattern and Standard (Blooms Level), 49% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average and 17% are suggested to improve.
- For Panel of Examiners, 66% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 17% are given as Average.

Suggestions:.

- Suggested to include recent editions of text and reference books in the syllabus. Also suggested that, if one text book covers all the units then one text book is enough. Otherwise, more than one text books may be included in the syllabus.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Suggested to include the subject "Robotics Process Automation " in Robotics Domain
- Practice to introduce more number of NPTEL courses as Credit Transfer course during their programme.
- In "Foundations of AI laboratory", Suggested to include scenario based questions and Mini Project
- Course objectives and Course outcomes should be mapped with course contents.
- Enough awareness and guidance can be given to the students those who opt Minor degree/ Honours degree courses guidance.
- Suggested to include lab component courses for Specialization course (Professional Electives, Open Electives and Minor Degree Courses).

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B.E/B.Tech- AUTOMOBILE ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024



B.E/B.Tech-Automobile Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	30	9	2	0	41
2.	Regulations and Scheme of Examination	32	8	1	0	41
3.	Semester-wise course content	35	4	2	0	41
4.	Content Delivery, Methodology & Learning Resources	32	7	2	0	41
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	31	7	3	0	41
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	30	9	2	0	41
7.	Availability of library resources supports Text and Reference Books suggested to study	29	9	3	0	41

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	73.17	21.95	4.88	0.00	100
2.	Regulations and Scheme of Examination	78.05	19.51	2.44	0.00	100
3.	Semester-wise course content	85.37	9.76	4.88	0.00	100
4.	Content Delivery, Methodology & Learning Resources	78.05	17.07	4.88	0.00	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	75.61	17.07	7.32	0.00	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	73.17	21.95	4.88	0.00	100
7.	Availability of library resources supports Text and Reference Books suggested to study	70.73	21.95	7.32	0.00	100



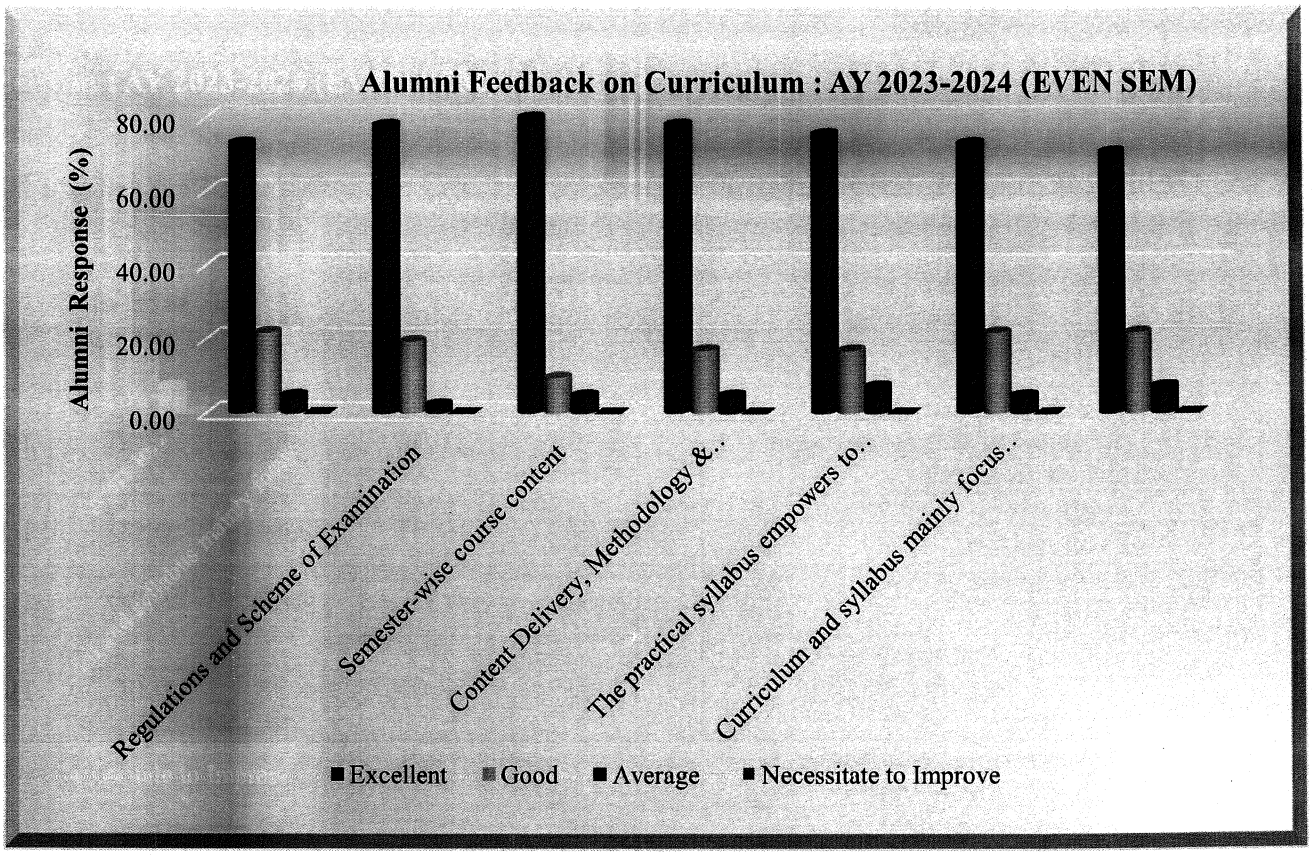

Fig.1. Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Course Objectives and Outcome Definition: The course objectives and outcome of the syllabus were defined clearly, with 73.14% of respondents considering it "Excellent" and 21.95% as "Good."
- Regulations and Scheme of Examination: The regulations and scheme of examination were well-regarded, with 78.05% of respondents rating it as "Excellent," 19.15% as "Good," and 2.44% as "Average."
- Semester-wise Course Content: The semester-wise course content was rated positively, with 85.37% of respondents considering it "Excellent" and 9.76% as "Good."
- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources received mixed feedback, with 75.61% of respondents rating it as "Excellent," 17.04% as "Good," and 6.90% as "Average."
- Empowerment through Practical Syllabus: The practical syllabus was seen to empower students to develop experimental, design, problem-solving, and analysis skills, with 75.61% of respondents considering it "Excellent," 25.86% as "Good," and

5.17% as "Average."

- Focus on Industry Readiness and Self-learning: The curriculum and syllabus were praised for mainly focusing on making students industry-ready, encouraging participation in various events, promoting self-learning, and fostering innovation and entrepreneurship. 73.172% of respondents rated it as "Excellent," 21.14% as "Good," and 4.34% as "Average."
- Availability of Library Resources: The availability of library resources supporting text and reference books suggested for the study was rated positively, with 70.34% of respondents considering it "Excellent," 21.03% as "Good," and 7.32% as "Average."

Suggestions:

- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Invest in the latest educational technologies and digital resources to enhance the learning experience.

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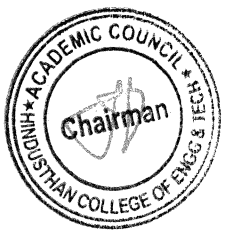
B.E/B.Tech- AUTOMOBILE ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024



B.E/B.Tech-Automobile Engineering

Faculty Feedback on Curriculum: Academic Year 2022-2023

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	11	1			12
2.	Electives offered are supportive to the core papers	10	2			12
3.	Implementation of Outcome Based Education	9	3			12
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	10	2			12
5.	Regulations and Scheme of Examination	11	1			12
6.	Semester-wise course content	12	0			12
7.	Content Delivery, Methodology and Learning Resources	11	1			12
8.	Availability of library resources supports Text and Reference Books suggested to study	11	1			12
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	11	1			12
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	10	2			12

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	91.67	8.33	0.00	0.00	100.00
2.	Electives offered are supportive to the core papers	83.33	16.67	0.00	0.00	100.00
3.	Implementation of Outcome Based Education	75.00	25.00	0.00	0.00	100.00
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	83.33	16.67	0.00	0.00	100.00
5.	Regulations and Scheme of Examination	91.67	8.33	0.00	0.00	100.00
6.	Semester-wise course content	100.00	0.00	0.00	0.00	100.00
7.	Content Delivery, Methodology and Learning Resources	91.67	8.33	0.00	0.00	100.00
8.	Availability of library resources supports Text and Reference Books suggested to study	91.67	8.33	0.00	0.00	100.00
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	91.67	8.33	0.00	0.00	100.00
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	83.33	16.67	0.00	0.00	100.00



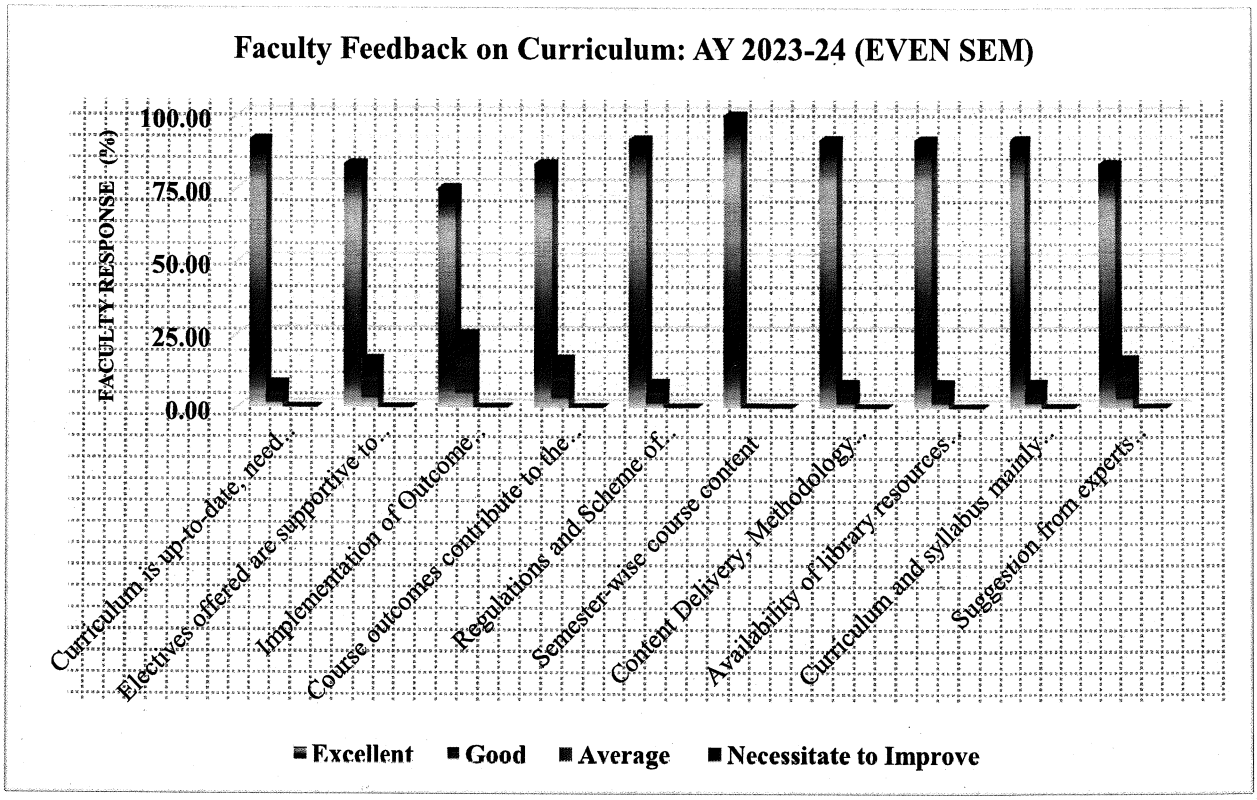


Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly praised for being up-to-date, need-based, and application-oriented, with 91.67% of respondents considering it "Excellent."
- Electives offered were found to be supportive of the core papers, with 83.33% of respondents rating it as "Excellent" and 16.67% as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 75.00% of respondents considering it "Excellent" and 25.00% as "Good."
- Course outcomes were seen to significantly contribute to the fulfillment of program outcomes (PO), with 83.33% of respondents rating it as "Excellent" and 16.67% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 91.67% of respondents rating it as "Excellent" and 8.33% as "Good."

- The semester-wise course content, content delivery, methodology, and learning resources all received a full score of 100% "Excellent."

- Regarding the availability of library resources supporting text and reference books suggested for study, 91.67% of respondents rated it as "Excellent," 8.33% as "Good."

- The curriculum was highly appreciated for focusing on making students industry-ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship. This aspect received 91.67% "Excellent" rating.

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 83.33% of respondents considering it "Excellent."

Suggestions:

- ❖ Provide the value added courses on the basis of industrial needs.
- ❖ Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.

Chairman - BoS
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B.E/B.Tech- AUTOMOBILE ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024



B.E/B.Tech-Automobile Engineering

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	12	4	0	0	16
2.	Teaching Faculty treat the students equally irrespective of the background	14	2	0	0	16
3.	Transparency of the evaluation system followed by the Institution	13	2	1	0	16
4.	Infrastructure and Lab Facility available to support the curriculum.	12	3	1	0	16
5.	Availability of the text and reference books in Central and Department library.	10	2	4	0	16

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	75.00	25.00	0.00	0.00	100.00
2.	Teaching Faculty treat the students equally irrespective of the background	87.50	12.50	0.00	0.00	100.00
3.	Transparency of the evaluation system followed by the Institution	81.25	12.50	6.25	0.00	100.00
4.	Infrastructure and Lab Facility available to support the curriculum.	75.00	18.75	6.25	0.00	100.00
5.	Availability of the text and reference books in Central and Department library.	62.50	12.50	25.00	0.00	100.00



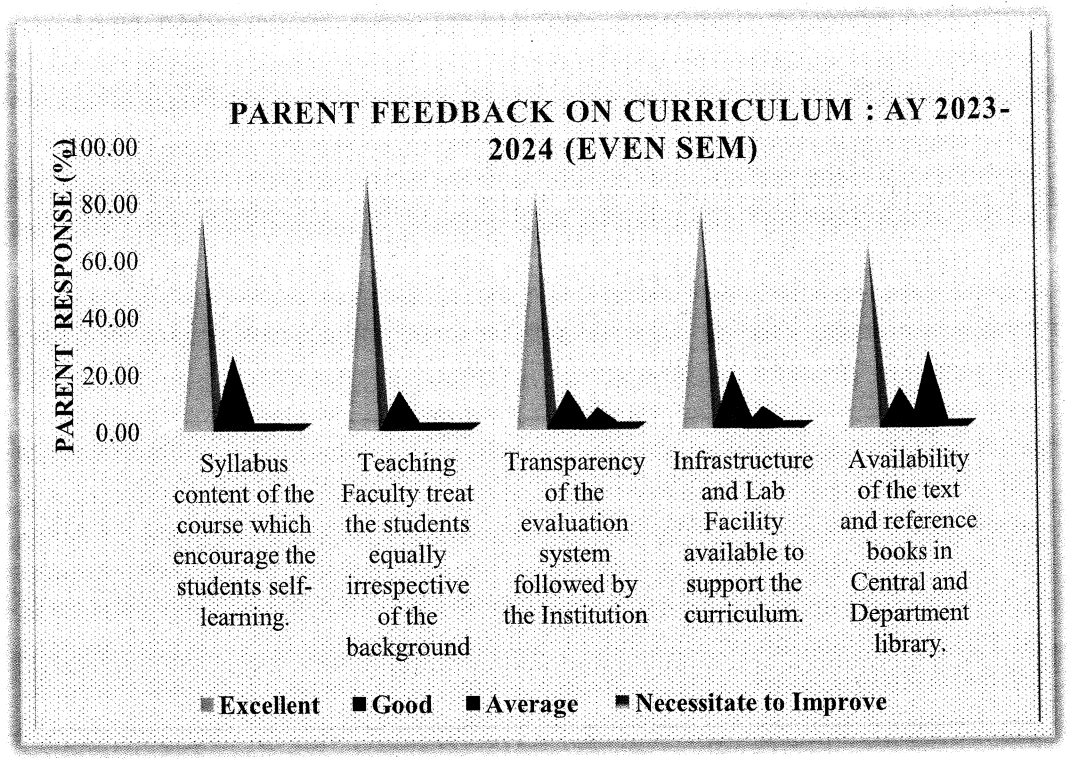


Fig.1. Parents Feedback on Curriculum

Based on the assessment of various aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was well-regarded for encouraging self-learning, with 75% of respondents rating it as "Excellent" and 25% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was praised for treating students equally, irrespective of their background, with 87.89% of respondents considering it "Excellent" and 12.11% as "Good."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 81.33% of respondents rating it as "Excellent" and 12.11% as "Good."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 75% of respondents considering it "Excellent," 18.67% as "Good," and 6.67% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 62.23% of respondents rated it as "Excellent," 12.22% as "Good," and 25.22% as "Average."

Suggestions:

- ❖ Identify the subjects or topics where there is a lack of adequate study materials.
- ❖ Collaborate with online libraries and databases to expand access to relevant academic resources.

Chairman - BoS
AUTO - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

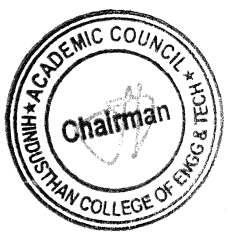
Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024



B.E/B.Tech-Automobile Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	9	4	1		14
2.	Implementation of Outcome Based Education	11	2	1		14
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	9	3	2		14
4.	Offered Courses related to Industry/employability	11	3	0		14
5.	Competencies/outcomes in relation to the course content	12	2	0		14
6.	Tools used for designing the experiments in terms of existing practices in the industries	10	3	1		14
7.	Curriculum offers a range of professional and open electives/value-added courses	9	3	2		14
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	11	2	1		14

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	64.29	28.57	7.14	0.00	100.00
2.	Implementation of Outcome Based Education	78.57	14.29	7.14	0.00	100.00
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	64.29	21.43	14.29	0.00	100.00
4.	Offered Courses related to Industry/employability	78.57	21.43	0.00	0.00	100.00
5.	Competencies/outcomes in relation to the course content	85.71	14.29	0.00	0.00	100.00
6.	Tools used for designing the experiments in terms of existing practices in the industries	71.43	21.43	7.14	0.00	100.00
7.	Curriculum offers a range of professional and open electives/value-added courses	64.29	21.43	14.29	0.00	100.00
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	78.57	14.29	7.14	0.00	100.00



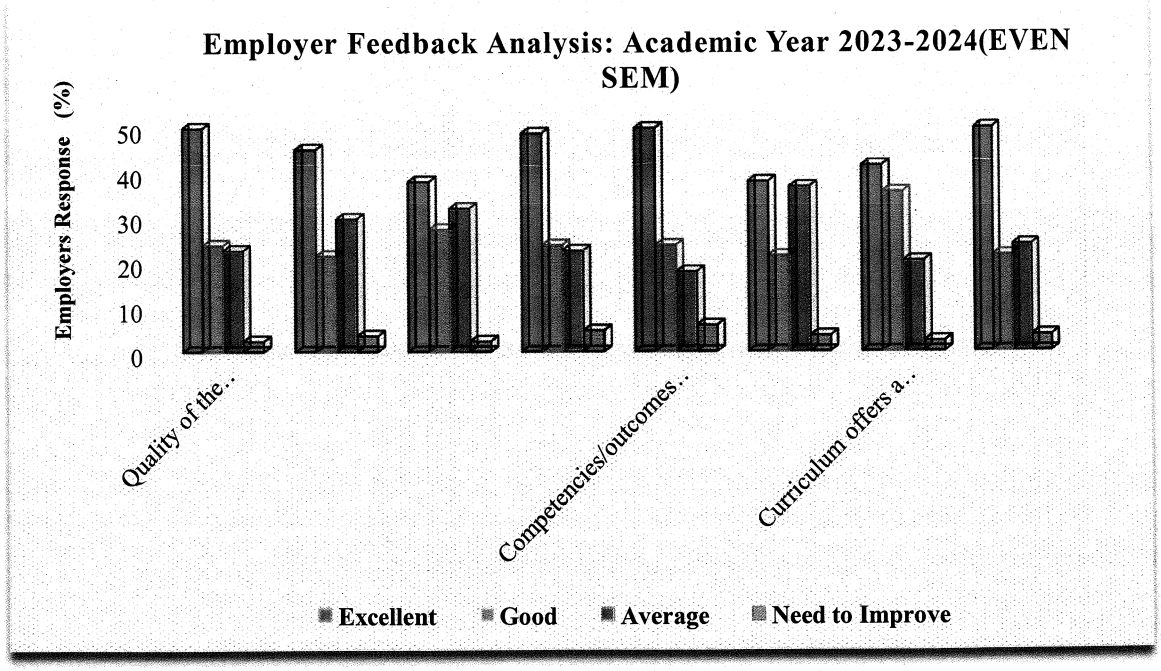


Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly regarded, with 64.29% of respondents rating it as "Excellent" and 28.54% as "Good."

- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with 78.57% of respondents considering it "Excellent" and 14.92% as "Good."

- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with 64.29% of respondents considering it "Excellent" and 21.43% as "Good."

- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, with 78.57% of respondents rating it as "Excellent," 21.43% as "Good,".

- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 85.71% of respondents rating it as "Excellent," 14.29% as "Good,"

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 71.43% of respondents considering it "Excellent" and 21.43% as "Good."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 64.29% of respondents rating it as "Excellent," 21.43% as "Good,".

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, with 78.57% of respondents considering it "Excellent" and 14.29% as "Good."

Suggestions:

- ✓ **Manikandan G** has suggested to add the 'Flex-fuel engines' and 'Hydrogen fuel cells' technologies in alternate fuels-based courses.
- ✓ **Mr Siva P K** has suggested to add the latest and upcoming emission norms and technology in any of the suitable courses.
- ✓ Students are attending greater number of online certificate courses offered by NPTEL, Coursera etc,.
- ✓ Add topics like modern sensors used for industrial's monitoring in Smart Sensors for Engineering subject.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ Industry relevant value added course can be included.
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

Chairman - BoS
AUTO - HiCET

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HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- AUTOMOBILE ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024



B.E/B.Tech -Automobile Engineering

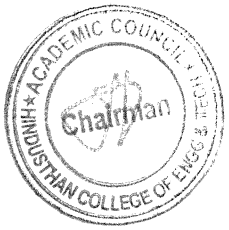
Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	78	68	15	0	161
2.	Course objective & course outcomes are achieved in the syllabus.	82	64	15	0	161
3.	Professional and open Electives offered are supportive to the core papers.	82	64	15	0	161
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	83	68	10	0	161
5.	Profundity of the course content in the syllabus.	89	59	13	0	161
6.	Exact Sequence of the courses provided in the curriculum	95	57	9	0	161
7.	Syllabus coverage in class by the teaching faculty	93	61	7	0	161
8.	Faculty Encouragement in learning process	94	60	7	0	161
9.	Teaching and learning process enables clear understanding of the course content.	92	61	8	0	161
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	89	63	9	0	161
11.	Availability of library resources in central and departmental library.	89	62	10	0	161
12.	Reliability of Assessment and Evaluation Process.	81	69	11	0	161
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	80	69	12	0	161
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	53	13	0	161

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	48.45	42.24	9.32	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	50.93	39.75	9.32	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	50.93	39.75	9.32	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	51.55	42.24	6.21	0.00	100
5.	Profundity of the course content in the syllabus.	55.28	36.65	8.07	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	59.01	35.40	5.59	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	57.76	37.89	4.35	0.00	100
8.	Faculty Encouragement in learning process.	58.39	37.27	4.35	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	57.14	37.89	4.97	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	55.28	39.13	5.59	0.00	100
11.	Availability of library resources in central and departmental library.	55.28	38.51	6.21	0.00	100
12.	Reliability of Assessment and Evaluation Process.	50.31	42.86	6.83	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	49.69	42.86	7.45	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	59.01	32.92	8.07	0.00	100



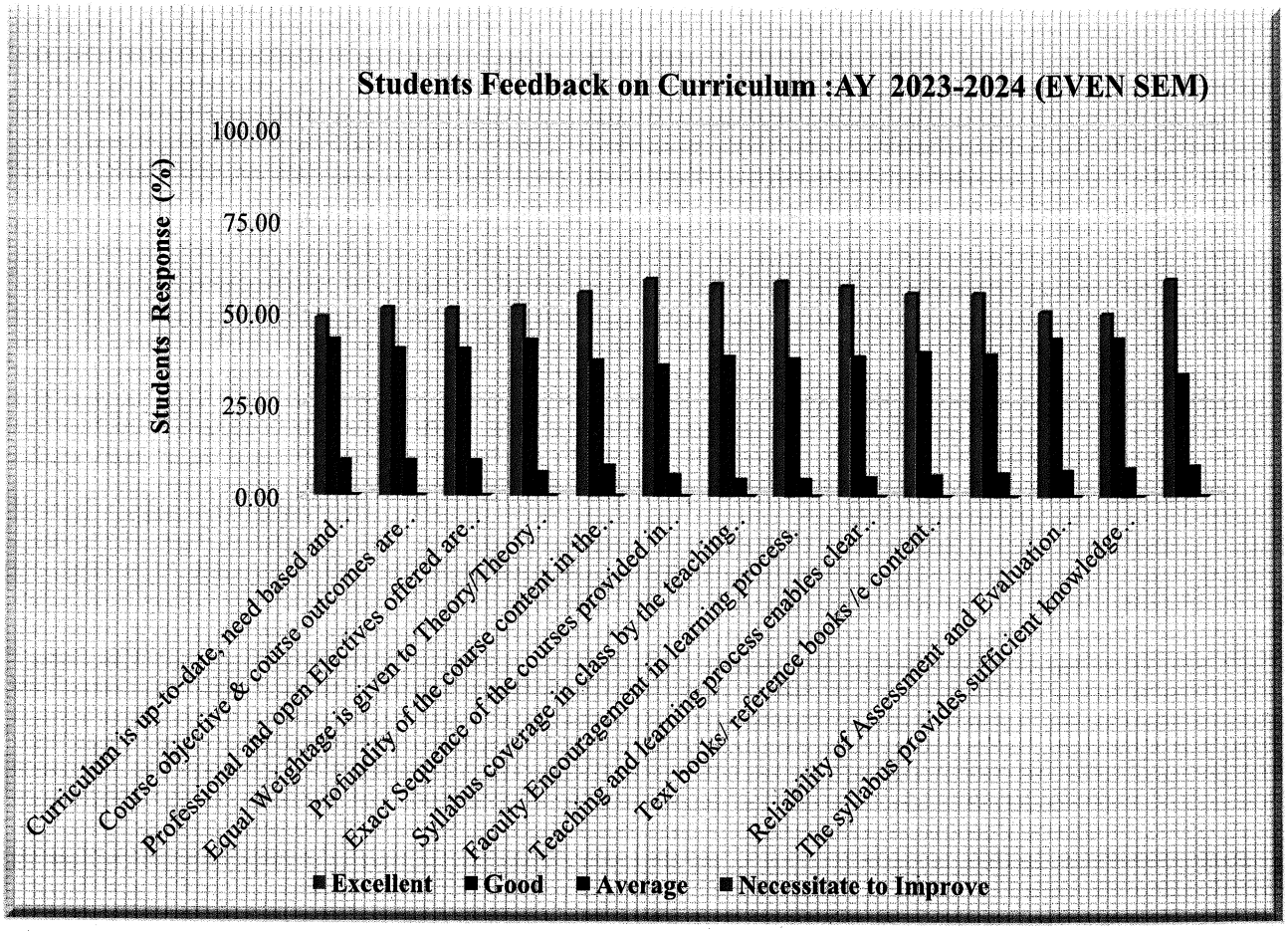


Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- "Curriculum is up-to-date, need based and application oriented" scored 48.85 % as excellent.
- "Course objective & Course outcomes are achieved in the syllabus" scored 50.93% as excellent.
- "Professional and open Electives offered are supportive to the core paper" scored 50.08% as excellent.
- "Equal Weightage is given to theory/theory with laboratory/Practical/Mandatory course content scored 50.92% as excellent.
- "Profundity of the course content in the syllabus" as scored 54.60% as excellent.
- "Exact Sequence of the course provided in the curriculum" scored 58.28% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 57% as excellent.
- "Faculty encouragement in learning process" scored 57.67 % as excellent.

- "Teaching and learning process enable clear understanding of the course content" scored 56.44% as excellent.
- "Text books/reference books/content recommended in the syllabus are relevant and updated" scored 54.60% as excellent.
- "Availability of library resources in central and department library" scored 54.60% as excellent.
- "Reliability of Assessment and Evaluation Process" scored 50.90% as excellent.
- "The Syllabus provides sufficient knowledge & perspective in the respective branch" as scored 50.31% as excellent.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 59.01% as excellent.

Suggestions:

- Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- Organize entrepreneurship-related events, pitch competitions, and startup fairs to nurture entrepreneurial talent.

Chairman - BoS
AUTO - HiCET

HINDUSTHAN ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

EMPLOYERS FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Biomedical Engineering

Employers Feedback on Curriculum: Academic Year 2023-2024

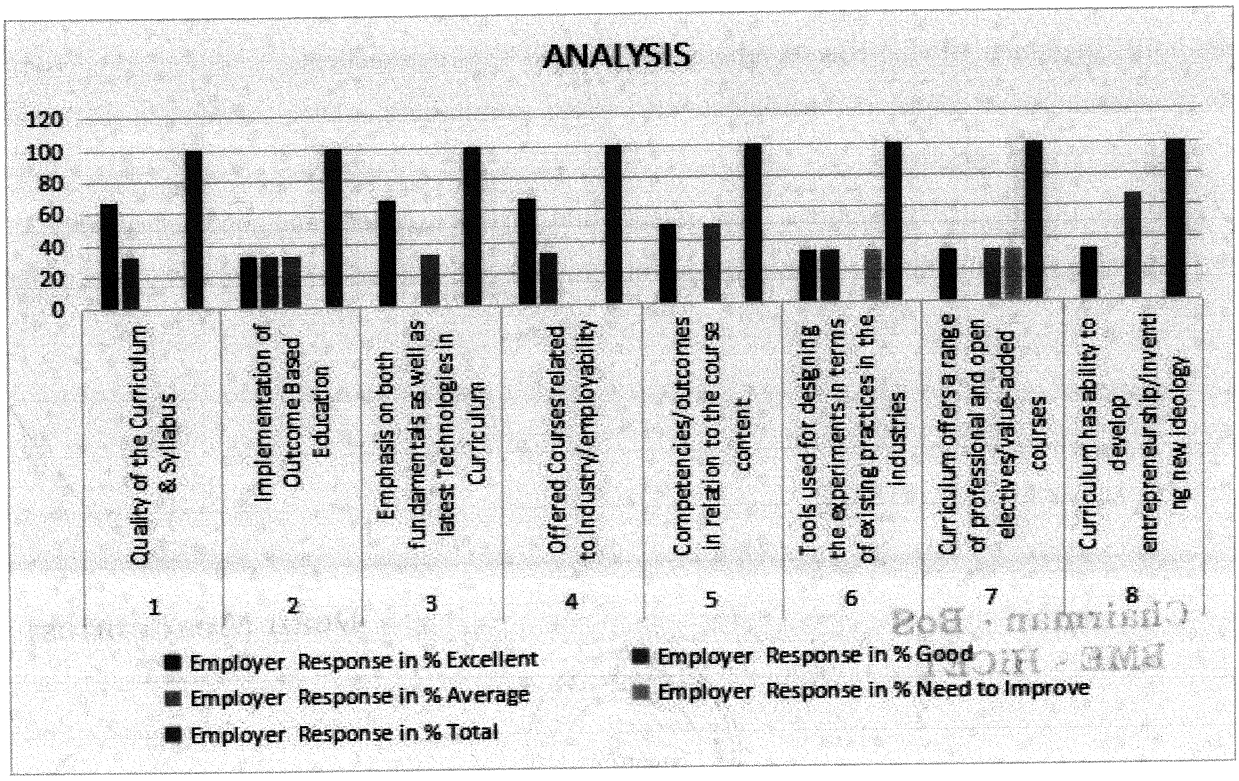
Employers Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employers Response					
1	Quality of the Curriculum & Syllabus	2	1	0	0	3
2	Implementation of Outcome Based Education	1	1	1	0	3
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	2	0	1	0	3
4	Offered Courses related to Industry/employability	2	1	0	0	3
5	Competencies/outcomes in relation to the course content	1	1	1	0	3
6	Tools used for designing the experiments in terms of existing practices in the industries	1	1	0	1	3
7	Curriculum offers a range of professional and open electives/value-added courses	1	0	1	1	3
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	1	0	2	0	3

ANALYSIS

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	67	33	0	0	100
2	Implementation of Outcome Based Education	33	33	33	0	100
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	0	33	0	100
4	Offered Courses related to Industry/employability	67	33	0	0	100

5	Competencies/outcomes in relation to the course content	50	0	50	0	100
6	Tools used for designing the experiments in terms of existing practices in the industries	33	33	0	33	100
7	Curriculum offers a range of professional and open electives/value-added courses	33	0	33	33	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	33	0	67	0	100



REPORT

The Employers response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 67 % as excellent.
- "Electives offered are supportive to the core papers" scored 33%, and 33 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 10 %, and 67 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 67 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 33 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 50 % good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 25 %, and 38% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 38% as excellent.
- "OBE attainment of your course/ programme" scored 33 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 33 % as excellent.
- "Availability of library resources" scored 47%, and 32% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 43 % as excellent.

Chairman - BoS
BME - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

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Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

INDUSTRY EXPERT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Biomedical Engineering

Industry Expert Feedback on Curriculum: Academic Year 2023-2024

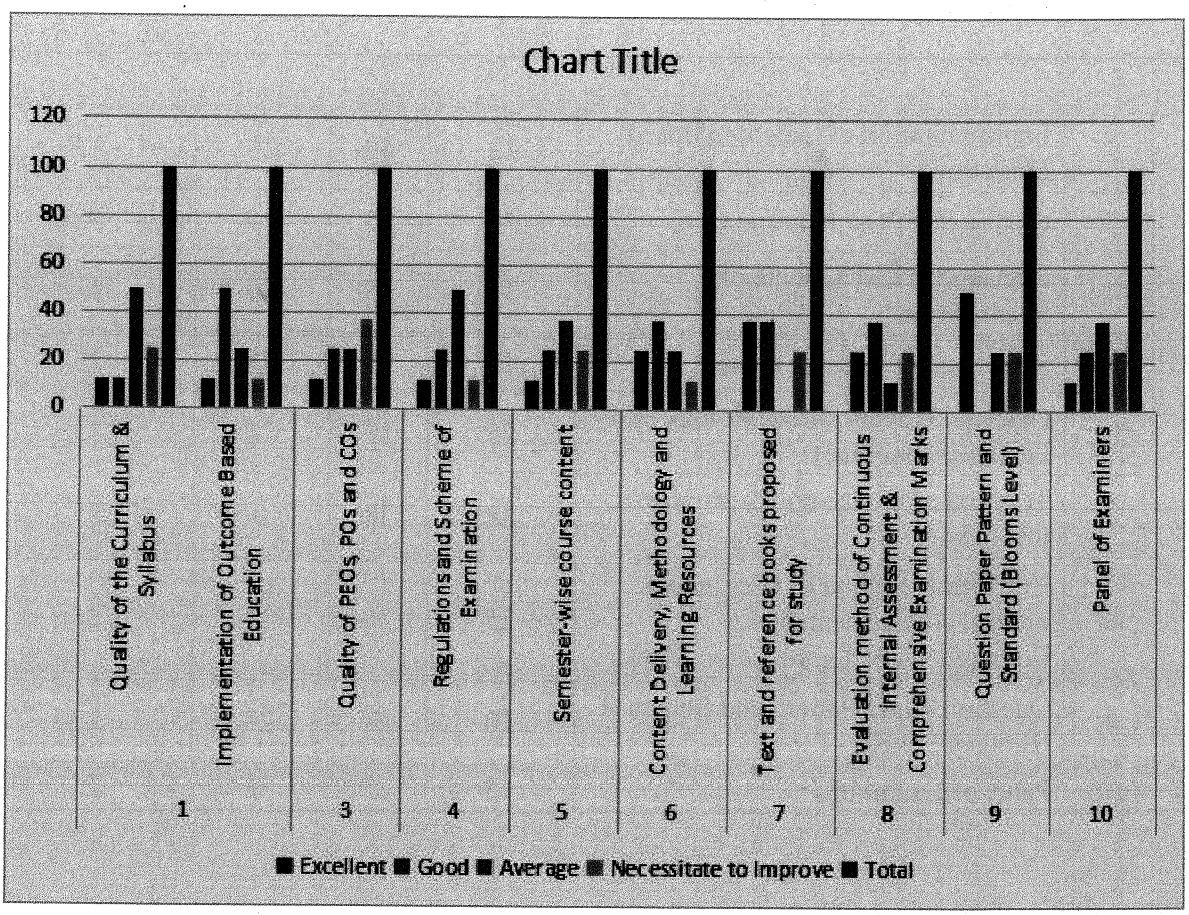
Industry Expert Response

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	1	1	4	2	8
	Implementation of Outcome Based Education	1	4	2	1	8
3.	Quality of PEOs, POs and COs	1	2	2	3	8
4.	Regulations and Scheme of Examination	1	2	4	1	8
5.	Semester-wise course content	1	2	3	2	8
6.	Content Delivery, Methodology and Learning Resources	2	3	2	1	8
7.	Text and reference books proposed for study	3	3	0	2	8
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	2	3	1	2	8
9.	Question Paper Pattern and Standard (Blooms Level)	4	0	2	2	8
10.	Panel of Examiners	1	2	3	2	8

ANALYSIS

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	13	13	50	25	100

2.	Implementation of Outcome Based Education	13	50	25	13	100
3.	Quality of PEOs, POs and COs	13	25	25	38	100
4.	Regulations and Scheme of Examination	13	25	50	13	100
5.	Semester-wise course content	13	25	38	25	100
6.	Content Delivery, Methodology and Learning Resources	25	38	25	13	100
7.	Text and reference books proposed for study	38	38	0	25	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	25	38	13	25	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	0	25	25	100
10.	Panel of Examiners	13	25	38	25	100



REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 13 % as excellent.
- "Electives offered are supportive to the core papers" scored 15%, and 23 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 50 %, and 13 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 13 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 25 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 13 % good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 38 %, and 38 % as excellent, and good respectively.

- "Our training and placement courses for the curriculum makes students industry ready" scored 38% as excellent.
- "OBE attainment of your course/ programme" scored 25 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 50 % as excellent.
- "Availability of library resources" scored 25 %, and 13 % as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 50 % as excellent.
- The industry experts suggested to include 3D Printing, IPR and medical product development and trouble shooting subject for the honour students.

Chairman · BoS
BME - HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Biomedical Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

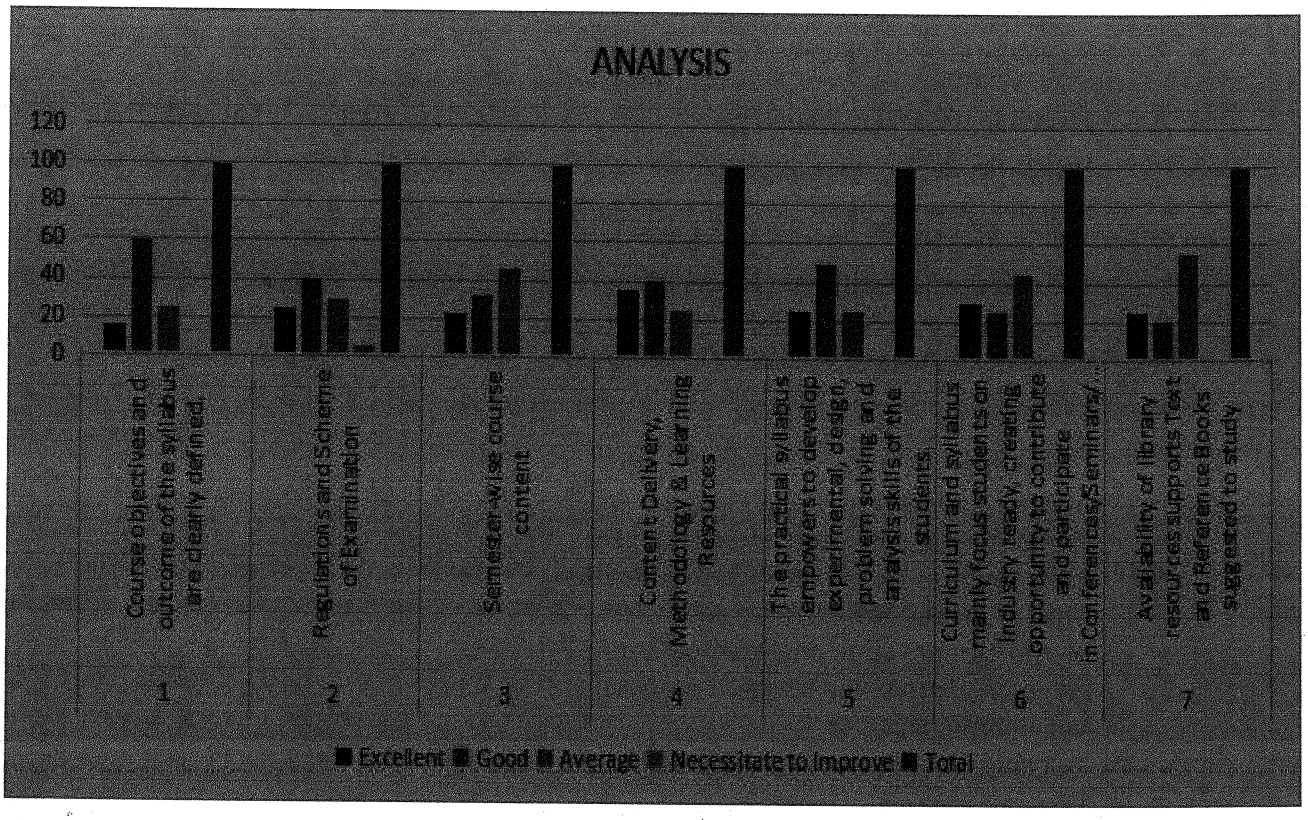
Alumni Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	3	12	5		20
2.	Regulations and Scheme of Examination	5	8	6	1	20
3.	Semester-wise course content	5	7	10		22
4.	Content Delivery, Methodology & Learning Resources	7	8	5		20
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	5	10	5		20
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	6	5	9		20
7.	Availability of library resources supports Text and Reference Books suggested to study	5	4	11		20

ANALYSIS

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	15	60	25	0	100

2.	Regulations and Scheme of Examination	25	40	30	5	100
3.	Semester-wise course content	23	32	45	0	100
4.	Content Delivery, Methodology & Learning Resources	35	40	25	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	25	50	25	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	30	25	45	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	25	20	55	0	100



REPORT

The Alumni response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scroed 15 % as excellent.
- "Electives offered are supportive to the core papers" scored 40%, and 25 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 32%, and 23% as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 35% as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 25 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 50% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 25%, and 30% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 30% as excellent.
- "OBE attainment of your course/ programme" scored 27 % as excellent.

- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 25 % as excellent.
- "Availability of library resources" scored 46%, and 38% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 28 % as excellent.
- Pathology and microbiology syllabus need updation to the latest innovations in medical field.

Chairman - BoS
BME - HiCET

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B.E- BIOMEDICAL ENGINEERING

STUDENT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Biomedical Engineering

Student Feedback on Curriculum: Academic Year 2023-2024

Students Response						
S.No.	**Questions**	**Excellent**	**Good**	**Average**	**Necessitate to Improve**	**Total**
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	27	25	16	2	70
2.	Course objective & course outcomes are achieved in the syllabus.	22	24	22	2	70
3.	Professional and open Electives offered are supportive to the core papers.	26	23	12	9	70
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	26	30	7	7	70
5.	Profundity of the course content in the syllabus.	30	11	21	8	70
6.	Exact Sequence of the courses provided in the curriculum	23	30	12	5	70
7.	Syllabus coverage in class by the teaching faculty	35	15	17	3	70
8.	Faculty Encouragement in learning process	28	22	16	4	70
9.	Teaching and learning process enables clear understanding of the course content.	20	29	15	6	70
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	28	12	22	8	70
11.	Availability of library resources in central and departmental library.	25	20	16	9	70

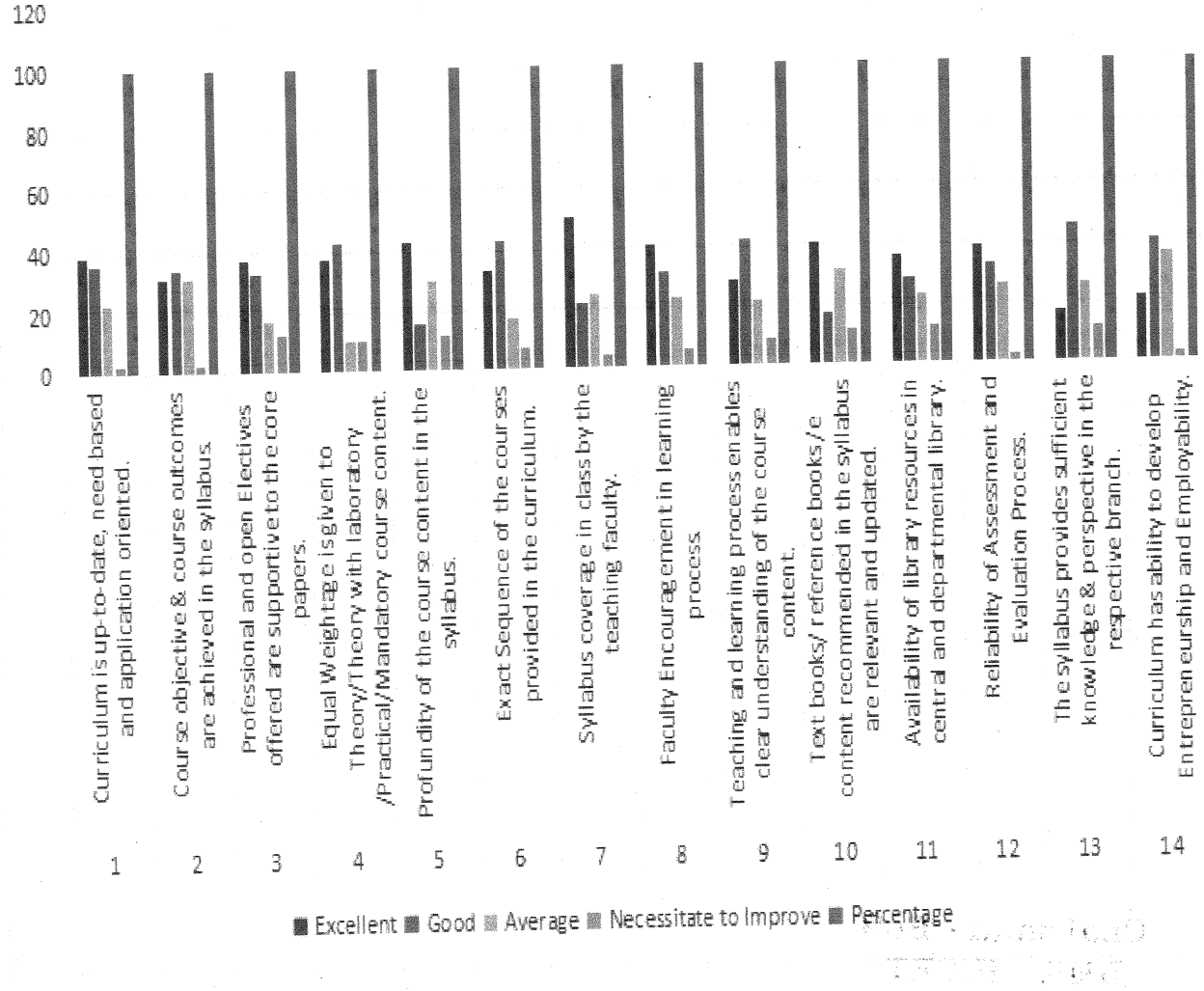
14.	Curriculum has ability to develop Entrepreneurship and Employability.	15	28	25	2	70

ANALYSIS

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	38.57142857	35.71428571	22.85714286	2.857142857	100
2.	Course objective & course outcomes are achieved in the syllabus.	31.42857143	34.28571429	31.42857143	2.857142857	100
3.	Professional and open Electives offered are supportive to the core papers.	37.14285714	32.85714286	17.14285714	12.85714286	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	37.14285714	42.85714286	10	10	100
5.	Profundity of the course content in the syllabus.	42.85714286	15.71428571	30	11.42857143	100
6.	Exact Sequence of the courses provided in the curriculum.	32.85714286	42.85714286	17.14285714	7.142857143	100
7.	Syllabus coverage in class by the teaching faculty.	50	21.42857143	24.28571429	4.285714286	100
8.	Faculty Encouragement in learning process.	40	31.42857143	22.85714286	5.714285714	100
9.	Teaching and learning process enables clear understanding of the course content.	28.57142857	41.42857143	21.42857143	8.571428571	100

	learning process.					
9.	Teaching and learning process enables clear understanding of the course content.	28.57142857	41.42857143	21.42857143	8.571428571	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	40	17.14285714	31.42857143	11.42857143	100
11.	Availability of library resources in central and departmental library.	35.71428571	28.57142857	22.85714286	12.85714286	100
12.	Reliability of Assessment and Evaluation Process.	38.57142857	32.85714286	25.71428571	2.857142857	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	17.14285714	45.71428571	25.71428571	11.42857143	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	21.42857143	40	35.71428571	2.857142857	100

ANALYSIS



REPORT

The students response to feedback on the curriculum was given below

"Curriculum is up-to-date, need based and application oriented" good35% as excellent 38% and average 22%

"Electives offered are supportive to the core papers" good 31%, and 34% as excellent 31%and average respectively.

"Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" average 17%, and 37 % as excellent, and good respectively.

- "Representation from experts in BoS helps to design and update syllabus" average 10% as excellent 37%.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 11% as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 36 % good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" average 11 %, and 32% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 38% as excellent.
- "OBE attainment of your course/ programme" scored 27 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 17 % as excellent.
- "Availability of library resources" scored 40 %, and 17 % as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 27% as excellent.

Chairman - BoS
BME - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

PARENT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

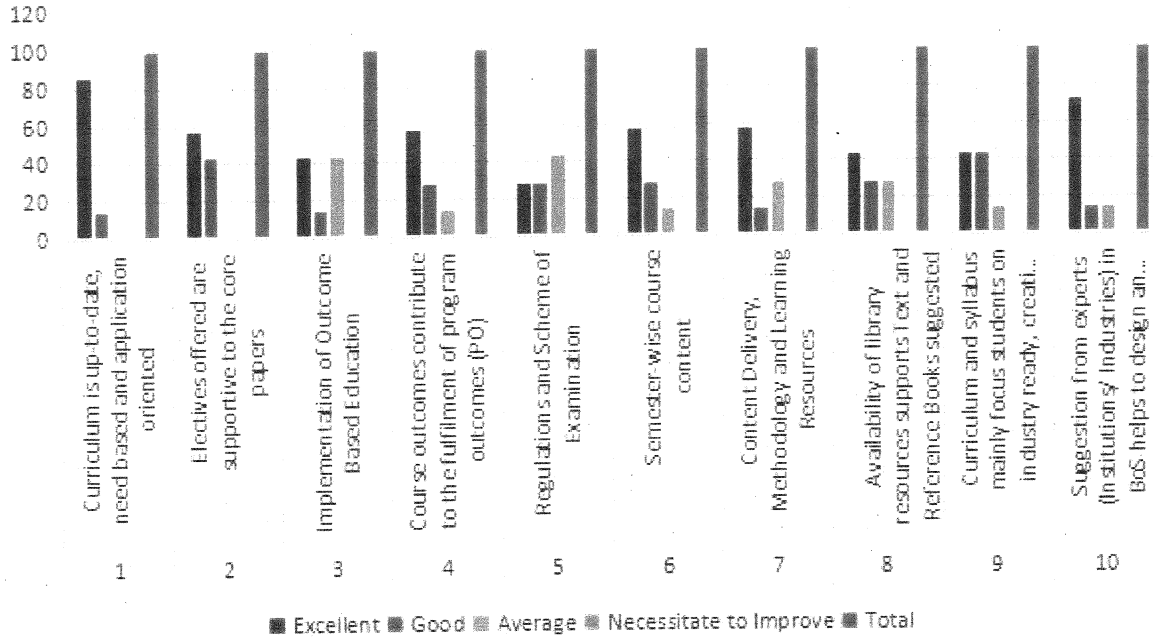
B.E-Biomedical Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024

Faculty Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	6	1	0		7
2.	Electives offered are supportive to the core papers	4	3	0		7
3.	Implementation of Outcome Based Education	3	1	3		7
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	4	2	1		7
5.	Regulations and Scheme of Examination	2	2	3		7
6.	Semester-wise course content	4	2	1		7
7.	Content Delivery, Methodology and Learning Resources	4	1	2		7
8.	Availability of library resources supports Text and Reference Books suggested to study	3	2	2		7
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	3	3	1		7

ANALYSIS

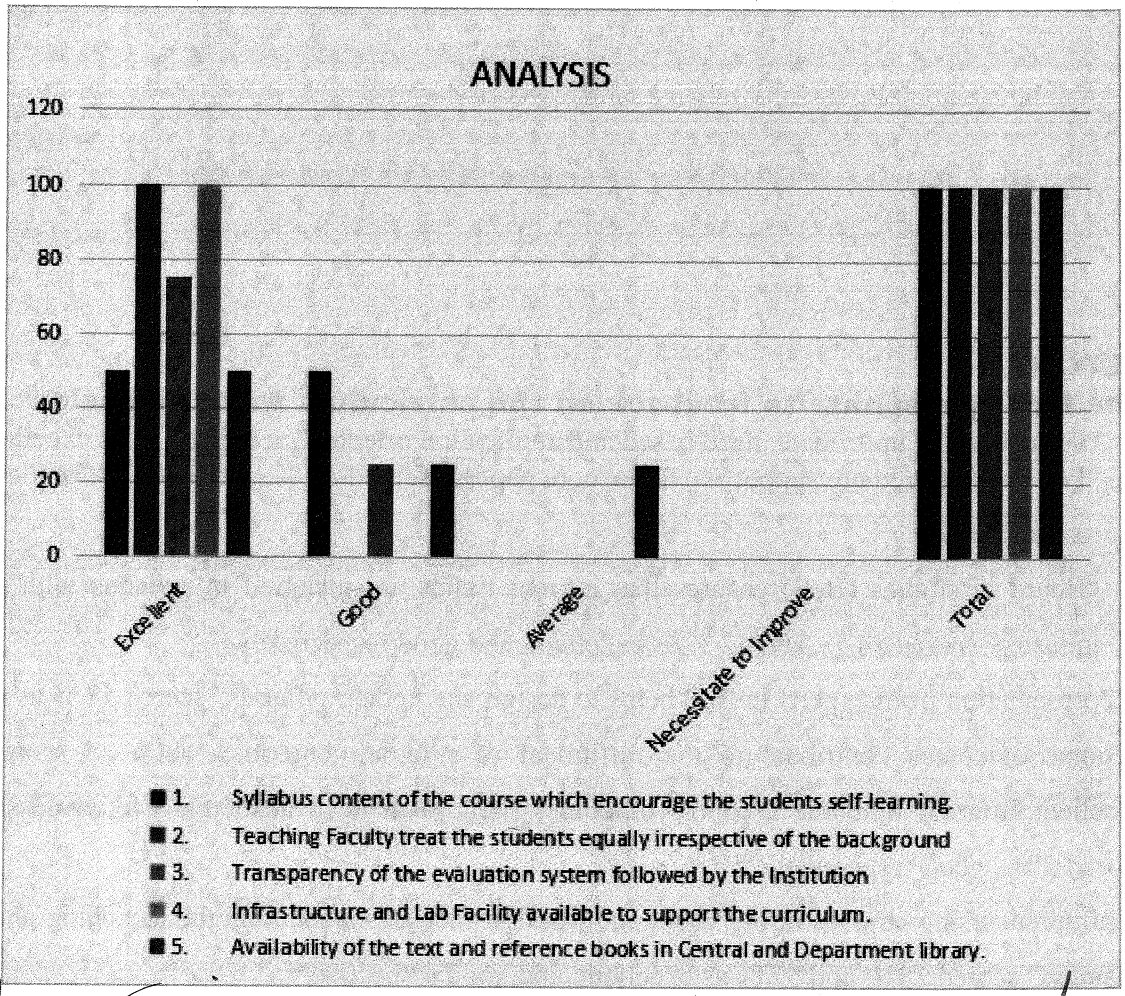


REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 85 % as excellent.
- "Electives offered are supportive to the core papers" scored 42 %, and 57 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 14 %, and 42 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 57 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 28 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 28% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 28%, and 57 % as excellent, and good respectively.

3.	Transparency of the evaluation system followed by the Institution	75	25	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	100	0	0	0	100
5.	Availability of the text and reference books in Central and Department library.	50	25	25	0	100



Chairman · BoS
BME - HiCET

HINDUSTHAN ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

B.E- BIOMEDICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Biomedical Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024

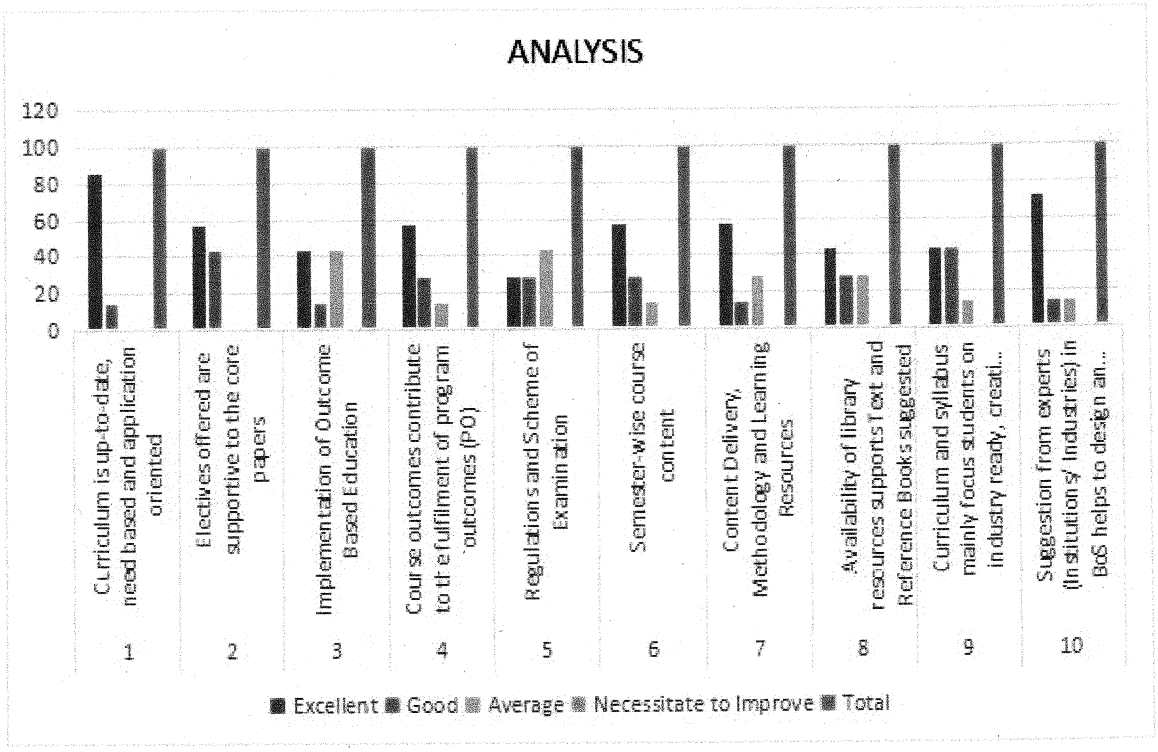
Faculty Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	6	1	0		7
2.	Electives offered are supportive to the core papers	4	3	0		7
3.	Implementation of Outcome Based Education	3	1	3		7
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	4	2	1		7
5.	Regulations and Scheme of Examination	2	2	3		7
6.	Semester-wise course content	4	2	1		7
7.	Content Delivery, Methodology and Learning Resources	4	1	2		7
8.	Availability of library resources supports Text and Reference Books suggested to study	3	2	2		7
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Worksh ops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	3	3	1		7

10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	5	1	1		7

ANALYSIS

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	85.71428571	14.28571429	0	0	100
2.	Electives offered are supportive to the core papers	57.14285714	42.85714286	0	0	100
3.	Implementation of Outcome Based Education	42.85714286	14.28571429	42.85714286	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	57.14285714	28.57142857	14.28571429	0	100
5.	Regulations and Scheme of Examination	28.57142857	28.57142857	42.85714286	0	100
6.	Semester-wise course content	57.14285714	28.57142857	14.28571429	0	100
7.	Content Delivery, Methodology and Learning Resources	57.14285714	14.28571429	28.57142857	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	42.85714286	28.57142857	28.57142857	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	42.85714286	42.85714286	14.28571429	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	71.42857143	14.28571429	14.28571429	0	100



REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 85 % as excellent.
- "Electives offered are supportive to the core papers" scored 42 %, and 57 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 14 %, and 42 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 57 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) " scored 28 % as excellent.Program outcome / course outcomes help to achieve academic and professional goals" scored 28% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 28%, and 57 % as excellent, and good respectively.

- "Our training and placement courses for the curriculum makes students industry ready" scored 42 % as excellent.
- "OBE attainment of your course/ programme" scored 42% as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 71 % as excellent.
- "Availability of library resources" scored 14 %, and 52 % as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 45 % as excellent.
- Linear integrated circuits syllabus can be updated related to the medical field.

Chairman BoS
BME - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★
Chairman

Dean (Academics)
HiCET

BNF - RICEL
Opérations - BOS

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FACULTY FEEDBACK ANALYSIS

UNDER GRADUATE PROGRAMMES

DEPARTMENT CIVIL ENGINEERING

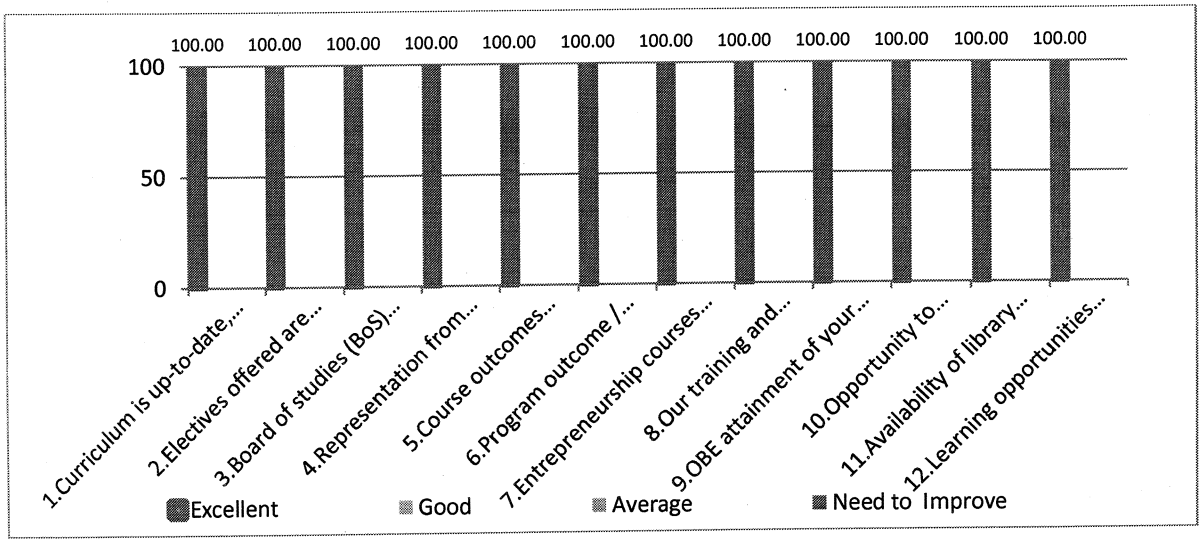
2023 - 2024 (Even Semester)

Table.1. Consolidated Faculty Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	14	-	-	-	14
2.	Electives offered are supportive to the core papers	14	-	-	-	14
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	14	-	-	-	14
4.	Representation from experts (in BoS helps to design and update syllabus	14	-	-	-	14
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	-	-	-	14
6.	Program outcome / course outcomes help to achieve academic and professional goals	14	-	-	-	14
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	14	-	-	-	14
8.	Our training and placement courses for the curriculum makes students industry ready	14	-	-	-	14
9.	OBE attainment of your course/ programme	14	-	-	-	14
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	14	-	-	-	14
11.	Availability of library resources	14	-	-	-	14
12.	Learning opportunities for your career advancement in the institution	14	-	-	-	14

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	-	-	-	100
2.	Electives offered are supportive to the core papers	100	-	-	-	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	100	-	-	-	100
4.	Representation from experts (in BoS helps to design and update syllabus	100	-	-	-	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100	-	-	-	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	100	-	-	-	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	100	-	-	-	100
8.	Our training and placement courses for the curriculum makes students industry ready	100	-	-	-	100
9.	OBE attainment of your course/ programme	100	-	-	-	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	100	-	-	-	100
11.	Availability of library resources	100	-	-	-	100
12.	Learning opportunities for your career advancement in the institution	100	-	-	-	100



FACULTY FEEDBACK REPORT

The faculty response to feedback on the curriculum was given below:

The responses indicate a high level of satisfaction and excellence across various aspects of the curriculum and educational experience provided by the institution.

Dean (Academics)
HiCET

ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGINEERING * Chairman

Chairman - BoS
CIVIL - HiCET

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ALUMNI FEEDBACK ANALYSIS

UNDER GRADUATE PROGRAMMES

DEPARTMENT CIVIL ENGINEERING

2023 - 2024 (Even Semester)

Table.1. Consolidated Alumni Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
Alumni Response						
1.	Aims, objectives and outcome of the syllabi are well defined and clear.	52	14	9	-	75
2.	The practical syllabus enable to develop experimental, design, problem solving and analysis skills of the students.	58	12	5	-	75
3.	The depth of the course content is adequate to have significant learning outcomes.	52	17	6	-	75
4.	Curriculum effective in developing innovative thinking	49	14	12	-	75
5.	Rate the competencies in relation to the course content	49	15	11	-	75
6.	Our training and placement courses for the curriculum makes students industry ready	42	23	10	-	75
7.	Rate the curriculum in terms of their relevance to the real life application.	50	15	10	-	75
8.	Rate the offering of the electives in relation to the Technological advancements	48	16	11	-	75
9.	The curriculum is balanced with regard to the theoretical and practical knowledge.	59	14	2	-	75
10.	The curriculum has the potential in developing the habit of self-learning among the students.	58	12	5	-	75

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Aims, objectives and outcome of the syllabi are well defined and clear.	69.33	18.67	12.00	-	100
2.	The practical syllabus enable to develop experimental, design, problem solving and analysis skills of the students.	77.33	16.00	6.67	-	100
3.	The depth of the course content is adequate to have significant learning outcomes.	69.33	22.67	8.00	-	100
4.	Curriculum effective in developing innovative thinking	77.33	16.00	6.67	-	100
5.	Rate the competencies in relation to the course content	69.33	22.67	8.00	-	100
6.	Our training and placement courses for the curriculum makes students industry ready	65.33	18.67	16.00	-	100
7.	Rate the curriculum in terms of their relevance to the real life application.	65.33	20.00	14.67	-	100
8.	Rate the offering of the electives in relation to the Technological advancements	56.00	30.67	13.33	-	100
9.	The curriculum is balanced with regard to the theoretical and practical knowledge.	66.67	20.00	13.33	-	100
10.	The curriculum has the potential in developing the habit of self-learning among the students.	64.00	21.33	14.67	-	100

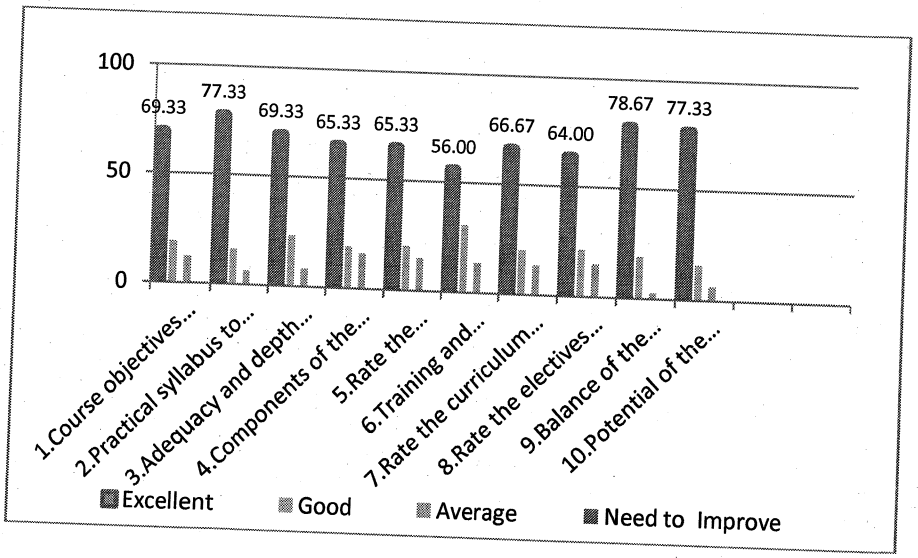

Fig.1.Alumni Feedback on Curriculum

ALUMNI FEEDBACK ANALYSIS REPORT

The table provided an evaluation or assessment of a curriculum based on various criteria. Each row represents a specific aspect of the curriculum, and the columns contain numerical scores or ratings along with some additional information:

1. **Aims, objectives, and outcome of the syllabus**:
   - Score: 69.33
   - Comments: The aims, objectives, and outcomes of the syllabi are reasonably well-defined and clear, with a score indicating room for improvement.

2. **Practical syllabus for skill development**:
   - Score: 77.33
   - Comments: The practical aspect of the curriculum seems to be effective in fostering skills such as experimental, design, problem-solving, and analysis, with a relatively high score indicating strong performance in this area.

3. **Depth of course content**:
   - Score: 69.33
   - Comments: The depth of the course content is considered adequate for achieving significant learning outcomes, though there might be room for improvement based on the score.

4. **Effectiveness in developing innovative thinking**:
   - Score: 77.33
   - Comments: The curriculum is effective in promoting innovative thinking among students, with a high score indicating strong performance in this aspect.

5. **Competencies in relation to course content**:
   - Score: 69.33
   - Comments: The alignment between taught competencies and course content seems reasonably good, though there may be areas for improvement based on the score.

6. **Training and placement courses for industry readiness**:
   - Score: 65.33
   - Comments: The training and placement courses associated with the curriculum are moderately effective in making students industry-ready, with a score indicating potential areas for improvement.

7. **Relevance to real-life application**:
   - Score: 65.33
   - Comments: The curriculum is moderately relevant to real-life applications, though there may be room for improvement in this aspect based on the score.

8. **Offering of electives in relation to technological advancements**:
   - Score: 56.00
   - Comments: The offering of electives in alignment with technological advancements seems to be relatively weak, with a lower score suggesting areas for enhancement.

9. **Balance between theoretical and practical knowledge**:
    - Score: 66.67
    - Comments: The curriculum appears to maintain a fairly balanced approach between theoretical and practical knowledge, though there is room for improvement based on the score.

10. **Potential for developing self-learning habits**:
    - Score: 64.00
    - Comments: The curriculum has potential in fostering self-learning habits among students, though there may be areas for improvement based on the score.

The analysis suggests that while the curriculum demonstrates strengths in certain areas such as practical skill development and fostering innovative thinking, there are also areas for improvement such as relevance to real-life applications, alignment with technological advancements, and promoting self-learning habits.

Dean (Academics)
HiCET

HINDUSTHAN ACADEMIC COUNCIL COLLEGE OF ENGG & TECH
Chairman

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STUDENTS FEEDBACK ANALYSIS

UNDER GRADUATE PROGRAMMES

DEPARTMENT CIVIL ENGINEERING

2023 - 2024 (Even Semester)

Table.2. Consolidated Student Feedback report on curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, application oriented and need based curriculum	85.71	10.71	3.57	-	100
2.	Course content & course outcomes are derived in accordance with outcome based education system	90.48	5.95	3.57	-	100
3.	Syllabus and learning materials are adequate in terms of quality and quantity	82.14	13.10	4.76	-	100
4.	Elective offered are supportive to the core papers	80.95	10.71	8.33	-	100
5.	Equal Weightage is given to theory and practical course content	77.11	19.28	3.61	-	100
6.	Depth of the course content in the syllabus	84.52	10.71	4.76	-	100
7.	Text books/ reference books recommended in the syllabus are relevant & updated	86.90	7.14	5.95	-	100
8.	Design of Courses in terms of Extra Learning and Self learning	89.29	10.71	0.00	-	100
9.	Syllabus content of the course in terms of burden of the students.	94.05	3.57	2.38	-	100
10.	Reliability of assessment & evaluation process	95.24	2.38	2.38	-	100
11.	Correct Sequence of the courses provided in the curriculum	96.43	3.57	-	-	100
12.	The syllabus provides sufficient knowledge & perspective in the respective areas	97.56	2.44	-	-	100

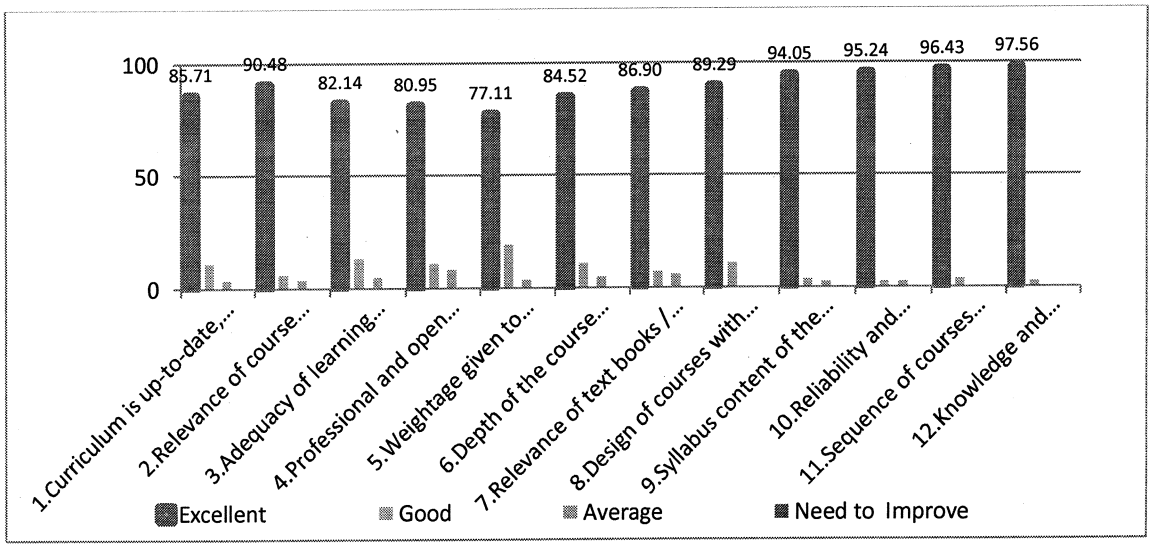

Fig.1.Student's Feedback on Curriculum

Table.1. Consolidated Student Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
Students Response						
1.	Curriculum is up-to-date, application oriented and need based curriculum	72	9	3	-	84
2.	Course content & course outcomes are derived in accordance with outcome based education system	76	5	3	-	84
3.	Syllabus and learning materials are adequate in terms of quality and quantity	69	11	4	-	84
4.	Elective offered are supportive to the core papers	68	9	7	-	84
5.	Equal Weightage is given to theory and practical course content	64	16	3	-	84
6.	Depth of the course content in the syllabus	71	9	4	-	84
7.	Text books/ reference books recommended in the syllabus are relevant & updated	73	6	5	-	84
8.	Design of Courses in terms of Extra Learning and Self learning	75	9	-	-	84
9.	Syllabus content of the course in terms of burden of the students.	79	3	2	-	84
10.	Reliability of assessment & evaluation process	80	2	2	-	84
11.	Correct Sequence of the courses provided in the curriculum	81	3	-	-	84
12.	The syllabus provides sufficient knowledge & perspective in the respective areas	82	2	-	-	84

STUDENTS FEEDBACK ANALYSIS

1. **Curriculum is up-to-date, need-based, and application-oriented:**

   This aspect assesses whether the curriculum is current, tailored to meet the needs of students, and focused on practical application. The ratings suggest that while it generally meets these criteria (with an Excellent rating of 72), there may be some areas for improvement.

2. **Relevance of course contents and course outcomes to outcome-based education system:**

   This aspect evaluates how well the course content and outcomes align with an outcome-based education approach. The ratings indicate a relatively high level of alignment (with an Excellent rating of 76), though there's room for improvement in some areas.

3. **Adequacy of learning materials in terms of quality and quantity:**

   This aspect assesses the quality and quantity of learning materials provided to support the educational program. The ratings suggest that while the materials are generally adequate, there may be some areas for improvement (with a Good rating of 11).

4. **Professional and open electives offered in the curriculum to support the program of study:**

   This aspect evaluates the variety and availability of elective courses within the curriculum to enhance students' learning experiences. The ratings suggest that while there is some support, there could be more variety or depth in elective offerings (with an Average rating of 7).

5. **Weightage given to theory/theory with laboratory/practical course content:**

   This aspect assesses the balance of theoretical, laboratory, and practical course components within the curriculum. The ratings suggest that there may be a need to balance the weightage given to different types of course content (with a Good rating of 16).

6. **Depth of the course content in the syllabus:**

   This aspect evaluates the depth or thoroughness of the content covered in the syllabus for each course. The ratings suggest that the depth of course content is generally satisfactory

7. (With a Good rating of 9).

8. **Relevance of textbooks/reference books recommended in the syllabus:**

   This aspect assesses the relevance and suitability of the recommended textbooks and reference materials provided for each course. The ratings suggest that while they are generally relevant, there may be some room for improvement (with an excellent rating of 73).

9. **Design of courses with the scope of extra learning and self-learning:**

   This aspect evaluates the design of courses to include opportunities for extra learning and self-directed learning beyond the core curriculum. The ratings suggest that the courses are well-designed in this regard (with an excellent rating of 75).

10. **Syllabus content of the courses in terms of workload for the students:**

    This aspect assesses the workload expected from students in terms of the syllabus content for each course. The ratings suggest that the workload is generally manageable and appropriate (with an excellent rating of 79).

11. **Reliability and transparency in the assessment and evaluation process:**

    This aspect evaluates the fairness, consistency, and transparency of the assessment and evaluation methods used within the educational program. The ratings suggest that they are generally reliable and transparent (with an excellent rating of 80).

12. **Sequence of courses provided in the curriculum:**

This aspect assesses the logical progression and sequencing of courses within the curriculum to ensure coherence and effective learning outcomes. The ratings suggest that the sequence of courses is well-structured and logical (with an excellent rating of 81).

13. **Knowledge and perspective gained in the respective program of study:**

This aspect evaluates the overall effectiveness of the educational program in imparting knowledge and shaping students' perspectives. The ratings suggest that students gain valuable knowledge and perspectives from the program of study (with an excellent rating of 80).

There are areas for improvement, the curriculum appears to be generally well-received, with strengths in areas such as alignment with outcomes, course design, workload management, and assessment processes.

Dean (Academics)
HiCET

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Chairman

Chairman - BoS
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(An Autonomous Institution, Affiliated to Anna University, Chennai)

COIMBATORE 641 032

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PARENTS FEEDBACK ANALYSIS

UNDER GRADUATE PROGRAMMES

DEPARTMENT CIVIL ENGINEERING

2023 - 2024 (Even Semester)

Table.1. Consolidated Parent's Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
	Parents Response					
1.	Availability of the textand reference books in the market?	10	2	-	-	12
2.	Syllabus content of the course in terms of burden of the students.	10	2	-	-	12
3.	Curriculum is up-to-date, application oriented meet and need based	11	1	-	-	12
4.	Treatment of the student by the faculty irrespective of the background	11	1	-	-	12
5.	The outcomes(Grade) that yourward has achieved from the courses	10	2	-	-	12
6.	Transparency of the evaluation system followed by the College	11	1	-	-	12
7.	College curriculum and activities that help your ward in getting jobs and placements?	11	1	-	-	12
8.	Design of Courses in terms of Extra Learning and Self learning	10	2	-	-	12
9.	Quality and relevance of the courses included in the curriculum	11	1	-	-	12
10.	Infrastructure and Lab Facility available to support the curriculum	11	1	-	-	12

Table.2. Consolidated Parent's Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Availability of the text and reference books in the market?	83.33	16.67	0.00	0.00	100
2.	Syllabus content of the course in terms of burden of the students.	83.33	16.67	0.00	0.00	100
3.	Curriculum is up-to-date, application oriented meet and need based	91.67	8.33	0.00	0.00	100
4.	Treatment of the student by the faculty irrespective of the background	91.67	8.33	0.00	0.00	100
5.	The outcomes(Grade) that yourward has achieved from the courses	83.33	16.67	0.00	0.00	100
6.	Transparency of the evaluation system followed by the College	91.67	8.33	0.00	0.00	100
7.	college curriculum and activities that help your ward in getting jobs and placements?	91.67	8.33	0.00	0.00	100
8.	Design of Courses in terms of Extra Learning and Self learning	83.33	16.67	0.00	0.00	100
9.	Quality and relevance of the courses included in the curriculum	91.67	8.33	0.00	0.00	100
10.	Infrastructure and Lab Facility available to support the curriculum	91.67	8.33	0.00	0.00	100

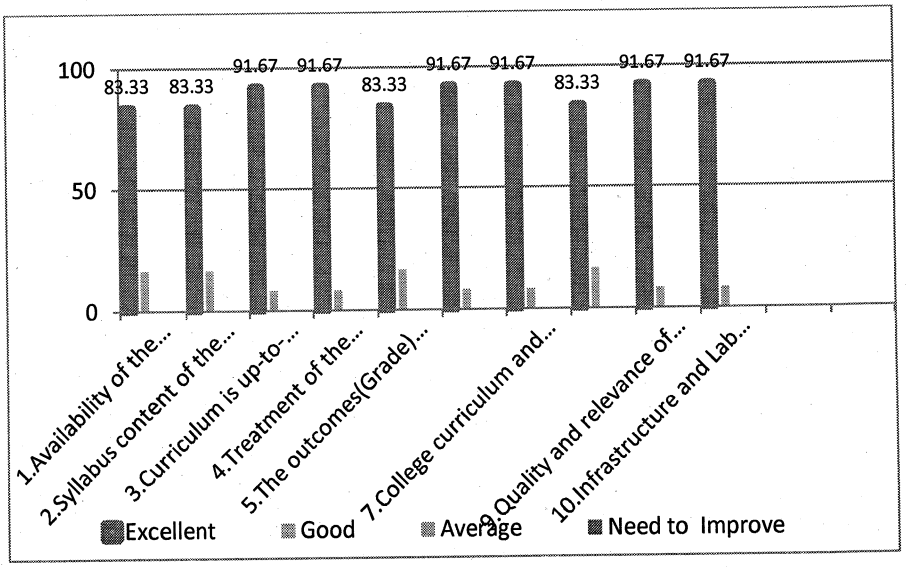

Fig.1.Parent's Feedback on Curriculum

PARENTS FEEDBACK ANALYSIS REPORT

The table provided an evaluation of various aspects related to a college curriculum and its implementation based on Parents feedback:

1. **Availability of textbooks and reference books in the market**:
   - Score: 83.33
   - Comments: This criterion assesses the availability of required textbooks and reference materials for students. The score suggests that there is good availability, with a relatively high rating.

2. **Burden of syllabus content on students**:
   - Score: 83.33
   - Comments: This criterion evaluates the extent to which the syllabus content burdens students. The score indicates that the burden is perceived to be reasonable, with a relatively high rating.

3. **Up-to-dateness, application orientation, and need-based nature of the curriculum**:
   - Score: 91.67
   - Comments: This criterion assesses whether the curriculum is current, application-oriented, and aligned with the needs of students. The high score suggests that the curriculum meets these criteria effectively.

4. **Treatment of students by faculty regardless of background**:
   - Score: 91.67
   - Comments: This criterion evaluates the fairness and equality in the treatment of students by faculty, irrespective of their backgrounds. The high score indicates positive feedback in this regard.

5. **Outcomes achieved by students in terms of grades**:
   - Score: 83.33
   - Comments: This criterion assesses the outcomes achieved by students in terms of grades. The score suggests that the outcomes are generally satisfactory, with a relatively high rating.

6. **Transparency of the evaluation system followed by the college**:
   - Score: 91.67
   - Comments: This criterion evaluates the transparency of the evaluation system employed by the college. The high score suggests that the system is perceived as transparent and fair.

7. **Effectiveness of the curriculum and activities in facilitating job placements**:
   - Score: 91.67
   - Comments: This criterion assesses the extent to which the college curriculum and activities support students in securing jobs and placements. The high score indicates positive feedback in this aspect.

8. **Design of courses in terms of extra learning and self-learning**:
   - Score: 83.33
   - Comments: This criterion evaluates how well the courses are designed to promote extra learning and self-learning among students. The score suggests that the design is reasonably effective in this regard.

9. **Quality and relevance of courses included in the curriculum**:
   - Score: 91.67
   - Comments: This criterion assesses the quality and relevance of courses included in the curriculum. The high score indicates that the courses are perceived as high-quality and relevant.

10. **Availability of infrastructure and lab facilities to support the curriculum:**
    - Score: 91.67
    - Comments: This criterion evaluates the availability and adequacy of infrastructure and lab facilities to support the curriculum. The score suggests that there may be some room for improvement in this aspect, as it received a relatively lower rating compared to others.

Dean (Academics)
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EMPLOYER FEEDBACK ANALYSIS

UNDER GRADUATE PROGRAMMES

DEPARTMENT CIVIL ENGINEERING

2023 - 2024 (Even Semester)

Table.1. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Need to Improve	Total
	Employer Response					
1.	Emphasis on both fundamentals as well as latest Technologies	10	4	2	-	16
2.	Courses related to industry	13	2	1	-	16
3.	Competencies/outcomes in relation to the course content	13	2	1	-	16
4.	Tools used for designing the experiments in terms of existing practices in the industry	10	4	2	-	16
5.	Curriculum offers a range of electives/value-added courses	12	3	1	-	16
6.	Curriculum includes human values and ethics	11	3	2	-	16
7.	Curriculum has ability to develop entrepreneurship	12	3	1	-	16
8.	Skill Based Curriculum	9	4	3	-	16
9.	Knowledge based Curriculum	12	3	1	-	16
10.	Employability based curriculum	12	2	2	-	16

Sl.No.	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Emphasis on both fundamentals as well as latest Technologies	62.50	25.00	12.50	-	100
2.	Courses related to industry	81.25	12.50	6.25	-	100
3.	Competencies/outcomes in relation to the course content	81.25	12.50	6.25	-	100
4.	Tools used for designing the experiments in terms of existing practices in the industry	62.50	25.00	12.50	-	100
5.	Curriculum offers a range of electives/value-added courses	75.00	18.75	6.25	-	100
6.	Curriculum includes human values and ethics	68.75	18.75	12.50	-	100
7.	Curriculum has ability to develop entrepreneurship	75.00	18.75	6.25	-	100
8.	Skill Based Curriculum	56.25	25.00	18.75	-	100
9.	Knowledge based Curriculum	75.00	18.75	6.25	-	100
10.	Employability based curriculum	75.00	12.50	12.50	-	100

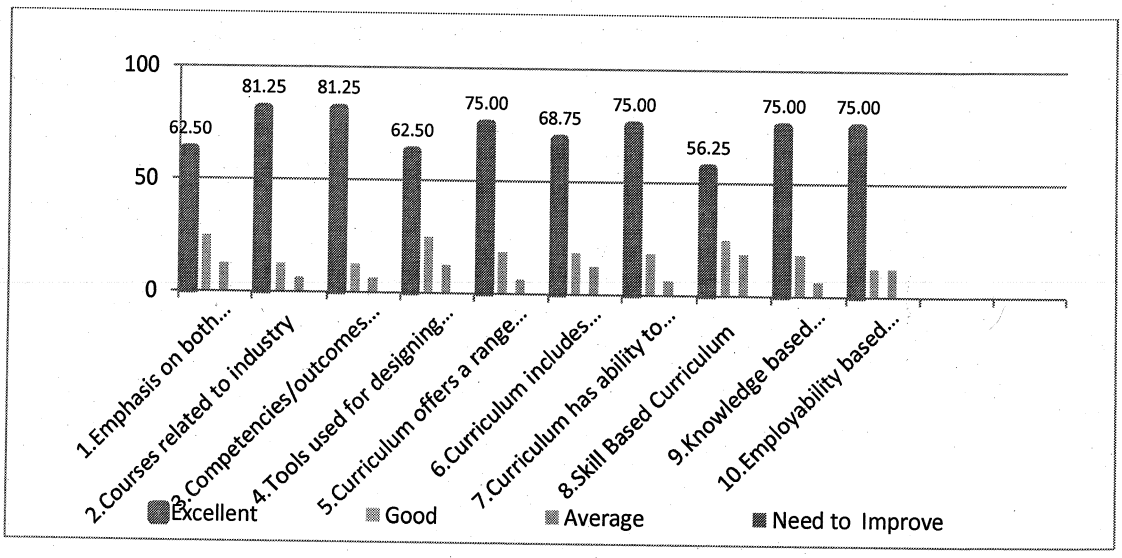

Fig.1.Employer Feedback on Curriculum

EMPLOYER FEEDBACK ANALYSIS REPORT

This is an evaluation of various aspects related to a curriculum, with responses categorized into three levels: Excellent, Good, and Average. Each row represents a specific question or aspect, and the responses indicate the level of satisfaction or effectiveness:

1. **Emphasis on both fundamentals as well as latest Technologies**:
   - Responses:
     - Excellent: 62.50%
     - Good: 25.00%
     - Average: 12.50%
   - Comments: The evaluation indicates that there is a moderate emphasis on both fundamentals and latest technologies, with a majority of responses falling into the "Excellent" and "Good" categories.

2. **Courses related to industry**:
   - Responses:
     - Excellent: 81.25%
     - Good: 12.50%
     - Average: 6.25%
   - Comments: The majority of responses indicate a high level of satisfaction with courses related to industry, suggesting strong alignment with industry needs and expectations.

3. **Competencies/outcomes in relation to the course content**:
   - Responses:
     - Excellent: 81.25%
     - Good: 12.50%
     - Average: 6.25%
   - Comments: The evaluation suggests that there is a strong alignment between competencies/outcomes and the course content, with a high level of satisfaction.

4. **Tools used for designing experiments in terms of existing practices in the industry**:
   - Responses:
     - Excellent: 62.50%
     - Good: 25.00%
     - Average: 12.50%
   - Comments: The evaluation indicates a moderate level of satisfaction with the tools used for designing experiments, with room for improvement in aligning with industry practices.

5. **Curriculum offers a range of electives/value-added courses**:
   - Responses:
     - Excellent: 75.00%
     - Good: 18.75%
     - Average: 6.25%
   - Comments: The majority of responses indicate a high level of satisfaction with the range of electives/value-added courses offered, suggesting diversity and enrichment in the curriculum.

6. **Curriculum includes human values and ethics**:
    - Responses:
        - Excellent: 68.75%
        - Good: 18.75%
        - Average: 12.50%
    - Comments: The evaluation suggests a relatively high level of satisfaction with the inclusion of human values and ethics in the curriculum, though there is room for improvement.

7. **Curriculum has the ability to develop entrepreneurship**:
    - Responses:
        - Excellent: 75.00%
        - Good: 18.75%
        - Average: 6.25%
    - Comments: The majority of responses indicate a high level of satisfaction with the curriculum's ability to develop entrepreneurship skills, indicating effective support for entrepreneurial endeavors.

8. **Skill-Based Curriculum**:
    - Responses:
        - Excellent: 56.25%
        - Good: 25.00%
        - Average: 18.75%
    - Comments: The evaluation suggests a moderate level of satisfaction with the skill-based curriculum, with room for improvement to enhance its effectiveness.

9. **Knowledge-Based Curriculum**:
    - Responses:
        - Excellent: 75.00%
        - Good: 18.75%
        - Average: 6.25%
    - Comments: The majority of responses indicate a high level of satisfaction with the knowledge-based curriculum, suggesting strong emphasis on acquiring theoretical knowledge.

10. **Employability-Based Curriculum**:
    - Responses:
        - Excellent: 75.00%
        - Good: 12.50 %
        - Average: 12.50 %
    - Comments: The evaluation suggests a high level of satisfaction with the employability-based curriculum, indicating effective preparation for the job market.

The responses indicate generally positive feedback across various aspects of the curriculum, with some areas identified for improvement, particularly in enhancing skill-based elements and aligning experimental design tools with industry practices.

Dean (Academics)
HiCET

HINDUSTHANI COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

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Coimbatore 641 032

B.E COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E Computer Science and Engineering

Student Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	69	12	3	2	86
2.	Course objective & course outcomes are achieved in the syllabus.	71	9	6	0	86
3.	Professional and open Electives offered are supportive to the core papers.	70	15	1	0	86
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	70	8	8	0	86
5.	Profundity of the course content in the syllabus.	60	17	5	4	86
6.	Exact Sequence of the courses provided in the curriculum	66	17	3	0	86
7.	Syllabus coverage in class by the teaching faculty	77	2	7	0	86
8.	Faculty Encouragement in learning process	78	4	3	1	86
9.	Teaching and learning process enables clear understanding of the course content.	74	5	5	2	86
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	65	15	4	2	86
11.	Availability of library resources in central and departmental library.	64	8	10	4	86
12.	Reliability of Assessment and Evaluation Process.	67	12	4	3	86

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	66	8	10	2	86
14.	Curriculum has ability to develop Entrepreneurship and Employability.	52	19	14	1	86

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80	14	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	83	10	7	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	17	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81	9	9	0	100
5.	Profundity of the course content in the syllabus.	70	20	6	5	100
6.	Exact Sequence of the courses provided in the curriculum.	77	20	3	0	100
7.	Syllabus coverage in class by the teaching faculty.	90	2	8	0	100
8.	Faculty Encouragement in learning process.	91	5	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	86	6	6	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	76	17	5	2	100

11.	Availability of library resources in central and departmental library.	74	9	12	5	100
12.	Reliability of Assessment and Evaluation Process.	78	14	5	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	77	9	12	2	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60	22	16	1	100

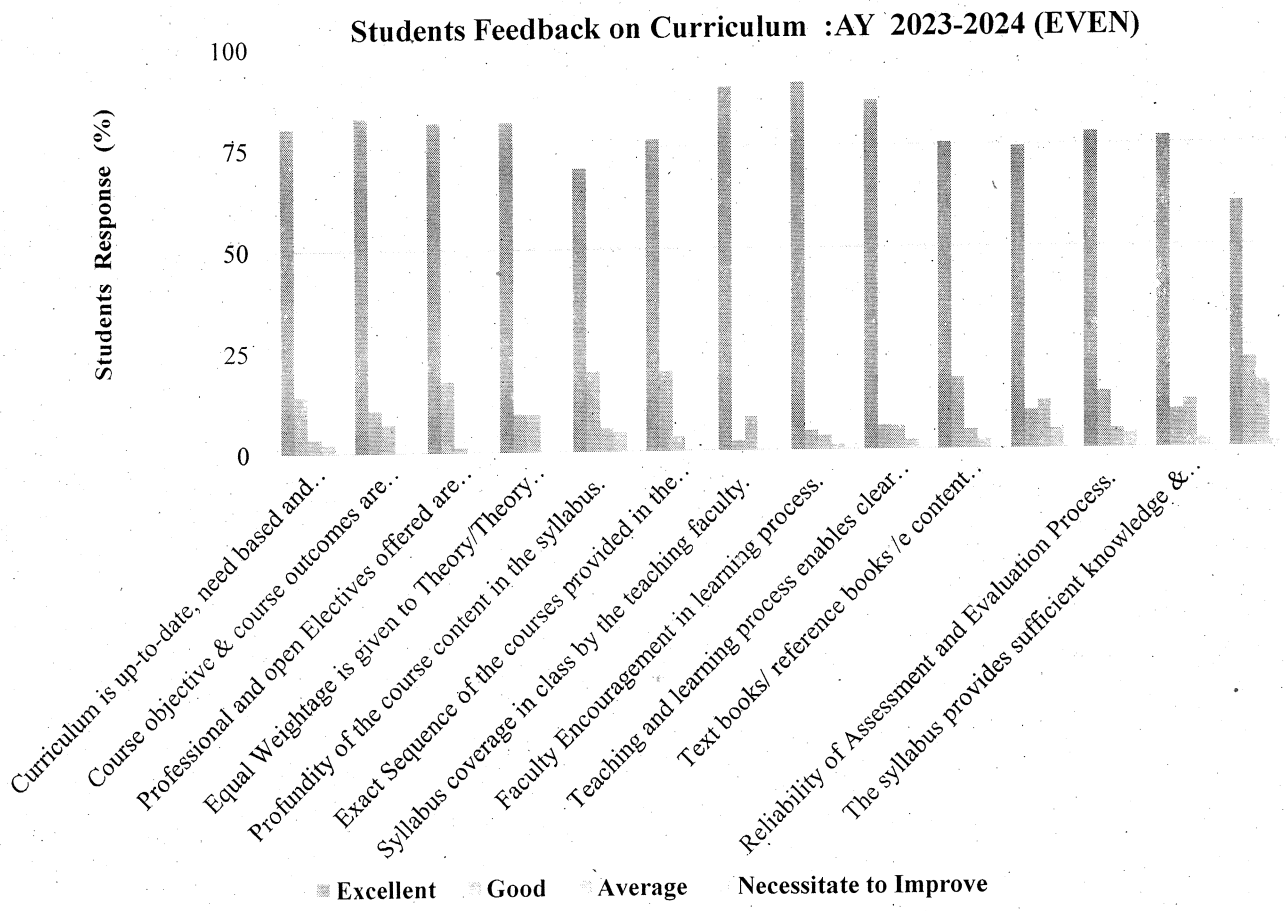

Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 80%, 14%, 3%, 2% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 83%, 10% and 7% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 81% as excellent, 17% as good and 1% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 81% as excellent, 9% as good and 9% as average.
5. Profundity of the course content in the syllabus scored 70%, 20%, 6%, 5% as Excellent, good, average and necessitate to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 77%, 20% and 3% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 90%, 2% and 8% as Excellent, good and average to improve respectively.
8. Faculty Encouragement in learning process scored 91% as excellent, 5% as good, 3% as average and 1% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 86% as excellent, 6% as good, 6% as average and 2% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 76% as excellent, 17% as good, 5% as average and 2% as necessity to improve.
11. Availability of library resources in central and departmental library scored 74% as excellent, 9% as good, 12% as average and 5% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 78% as excellent, 14% as good, 5% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 77%, 9%, 12% and 2% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 60% as excellent, 22% as good, 16% as average and 1% as necessity to improve.

Suggestions by Students

1. Students suggested to introduce more lab sessions for programming language
2. Students suggested to change few lab experiments with new test cases in programming language
3. Students requested to allow industrial oriented projects and requested to grant permission to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

Chairman - BoS
CSE - HiCET

Dean (Academics)
HiCET

HINDUSTHAN ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

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B.E – COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E –Computer Science and Engineering
Alumni Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	20	9	3	0	32
2.	Regulations and Scheme of Examination	22	5	5	0	32
3.	Semester-wise course content	25	4	3	0	32
4.	Content Delivery, Methodology & Learning Resources	26	2	4	0	32
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	20	8	4	0	32
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	25	1	6	0	32
7.	Availability of library resources supports Text and Reference Books suggested to study	27	5	0	0	32

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	63	28	9	0	100
2.	Regulations and Scheme of Examination	69	16	16	0	100
3.	Semester-wise course content	78	13	9	0	100
4.	Content Delivery, Methodology & Learning Resources	81	6	13	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	63	25	13	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	78	3	19	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	84	16	0	0	100

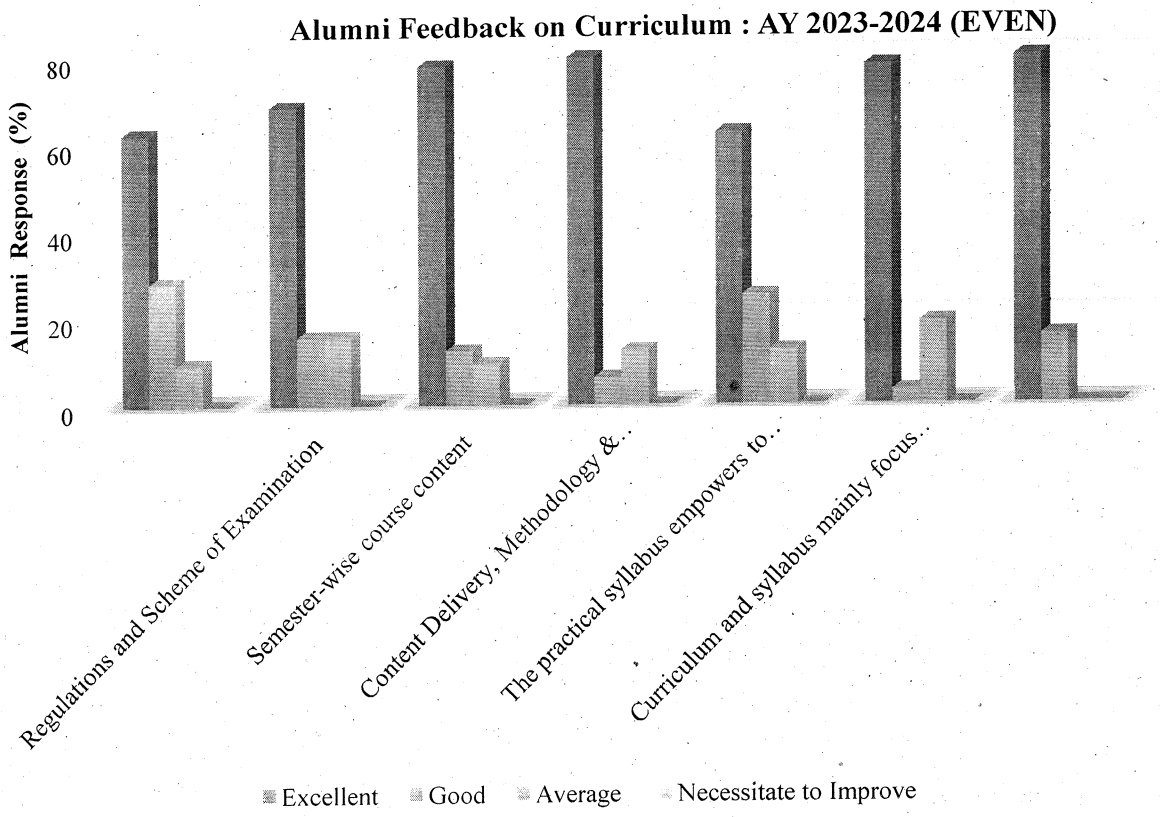

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 63% as excellent, 28% as good and 9% as average.
2. Regulations and Scheme of Examination scored 69% as excellent, 16% as good and 16% as average.
3. Semester-wise course content scored 78%, 13%, 9% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 81%, 6%, 13% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 63% as excellent, 25% as good and 13% as average.

6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 78% as excellent, 3% as good and 19% as average.
7. Availability of library resources supports Text and Reference Books suggested to study scored 84% as excellent and 16% as good

Suggestions by Alumni

1. Students must be encouraged to do industrial oriented projects to have good exposure on latest trends and software.
2. Students must be allowed to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

Chairman - BoS
CSE - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
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B.E – COMPUTER SCIENCE AND ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 – 2024

B.E –Computer Science and Engineering
Parents Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	10	6	2	0	18
2.	Teaching Faculty treat the students equally irrespective of the background	14	3	1	0	18
3.	Transparency of the evaluation system followed by the Institution	11	5	2	0	18
4.	Infrastructure and Lab Facility available to support the curriculum.	10	4	4	0	18
5.	Availability of the text and reference books in Central and Department library.	13	3	2	0	18

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	56	33	11	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	78	17	6	0	100
3.	Transparency of the evaluation system followed by the Institution	61	28	11	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	56	22	22	0	100
5.	Availability of the text and reference books in Central and Department library.	72	17	11	0	100

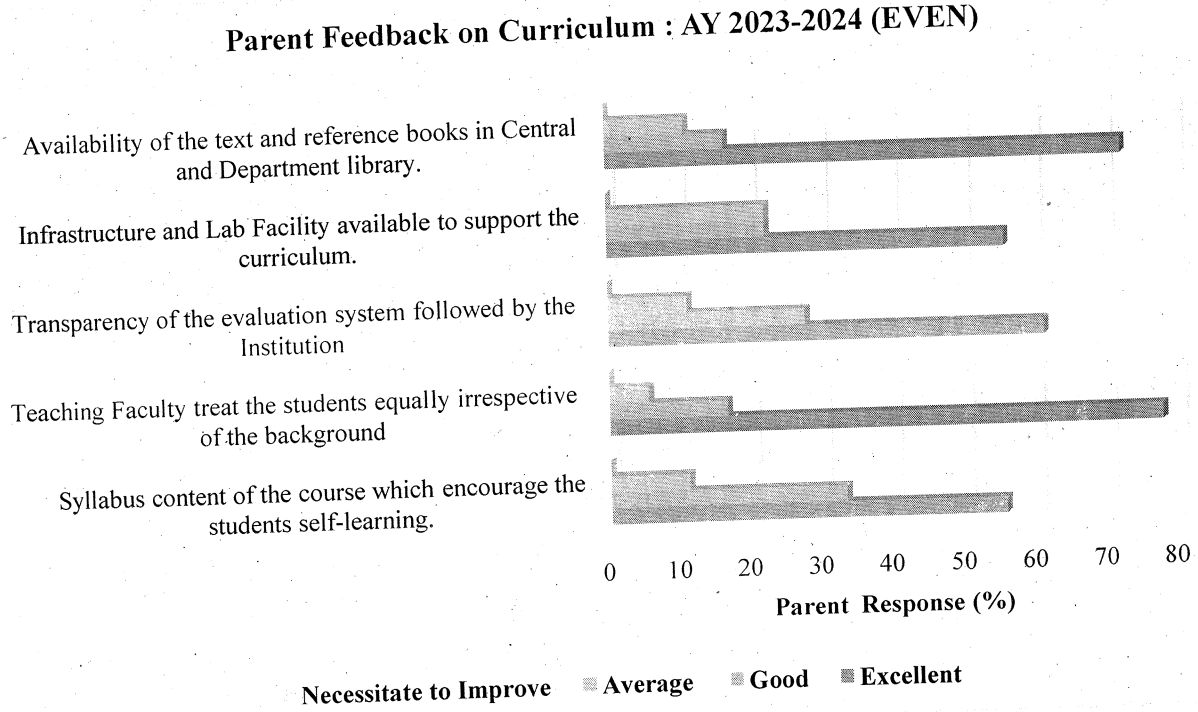

Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 56%, 33%, 11% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 78% as excellent, 17% as good and 6% as average.
3. Transparency of the evaluation system followed by the Institution scored 61%, 28%, 11% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 56% as excellent, 22% as good and 22% as average.
5. Availability of the text and reference books in Central and Department library scored 72%, 17%, 11% as excellent, good and average respectively.

Suggestions by Parents

1. Students must be encouraged to do industrial oriented projects to have good exposure on latest trends and software.
2. Students must be allowed to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

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B.E – COMPUTER SCIENCE AND ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 – 2024

B.E –Computer Science and Engineering
Faculty Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	5	0	0	15
2.	Electives offered are supportive to the core papers	11	4	0	0	15
3.	Implementation of Outcome Based Education	12	3	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	13	2	0	0	15
6.	Semester-wise course content	14	1	0	0	15
7.	Content Delivery, Methodology and Learning Resources	12	3	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	67	33	0	0	100
2.	Electives offered are supportive to the core papers	73	27	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93	7	0	0	100
5.	Regulations and Scheme of Examination	87	13	0	0	100
6.	Semester-wise course content	93	7	0	0	100
7.	Content Delivery, Methodology and Learning Resources	80	20	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80	13	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93	7	0	0	100

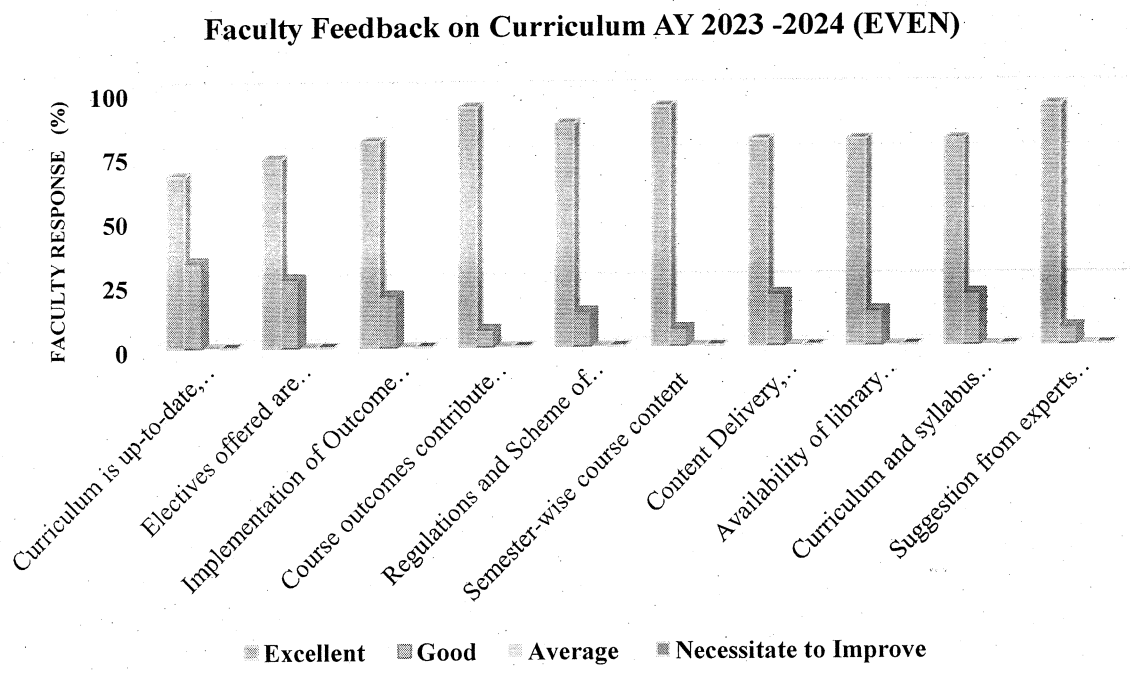

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 67% as excellent and 33% as good.
2. "Electives offered are supportive to the core papers" scored 73% and 27% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 80% and 20% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 93% as excellent and 7% as good.
5. "Regulations and Scheme of Examination" scored 87% and 13% as excellent and good respectively.
6. "Semester-wise course content" scored 93% and 7% as excellent and good respectively.
7. "Content Delivery, Methodology and Learning Resources" scored 80% as excellent and 20% as good.

8. " Availability of library resources supports Text and Reference Books suggested to study" scored 80% as excellent and 13% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 93% as excellent and 7% as good.

Suggestions by Faculty

1. Faculty members suggested to introduce more lab sessions for programming language
2. Faculty members suggested to change few lab experiments with new test cases in programming language
3. Faculty members suggested to invite the industrial experts to conduct value added courses and the hands on training to the students
4. Faculty members suggested to encourage students to do mini projects in 6th semester for better exposure of students and knowledge gaining.
5. Faculty member requested to modify the syllabus of 19IT7202R course as the student feels tough to learn and vast syllabus.
6. Faculty members suggested reducing the vast syllabus of Artificial intelligence and machine learning course and Programming in C course. So that the students can perform well and understand the concept more.

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B.E – COMPUTER SCIENCE AND ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E –Computer Science and Engineering
Academic Expert Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	1	0	6
2.	Implementation of Outcome Based Education	3	1	1	1	6
3.	Quality of PEOs, POs and COs	2	2	1	1	6
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	1	2	0	6
6.	Content Delivery, Methodology and Learning Resources	3	3	0	0	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	33	17	0	100
2.	Implementation of Outcome Based Education	50	17	17	17	100
3.	Quality of PEOs, POs and COs	33	33	17	17	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	17	33	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	17	100
10.	Panel of Examiners	50	33	17	0	100

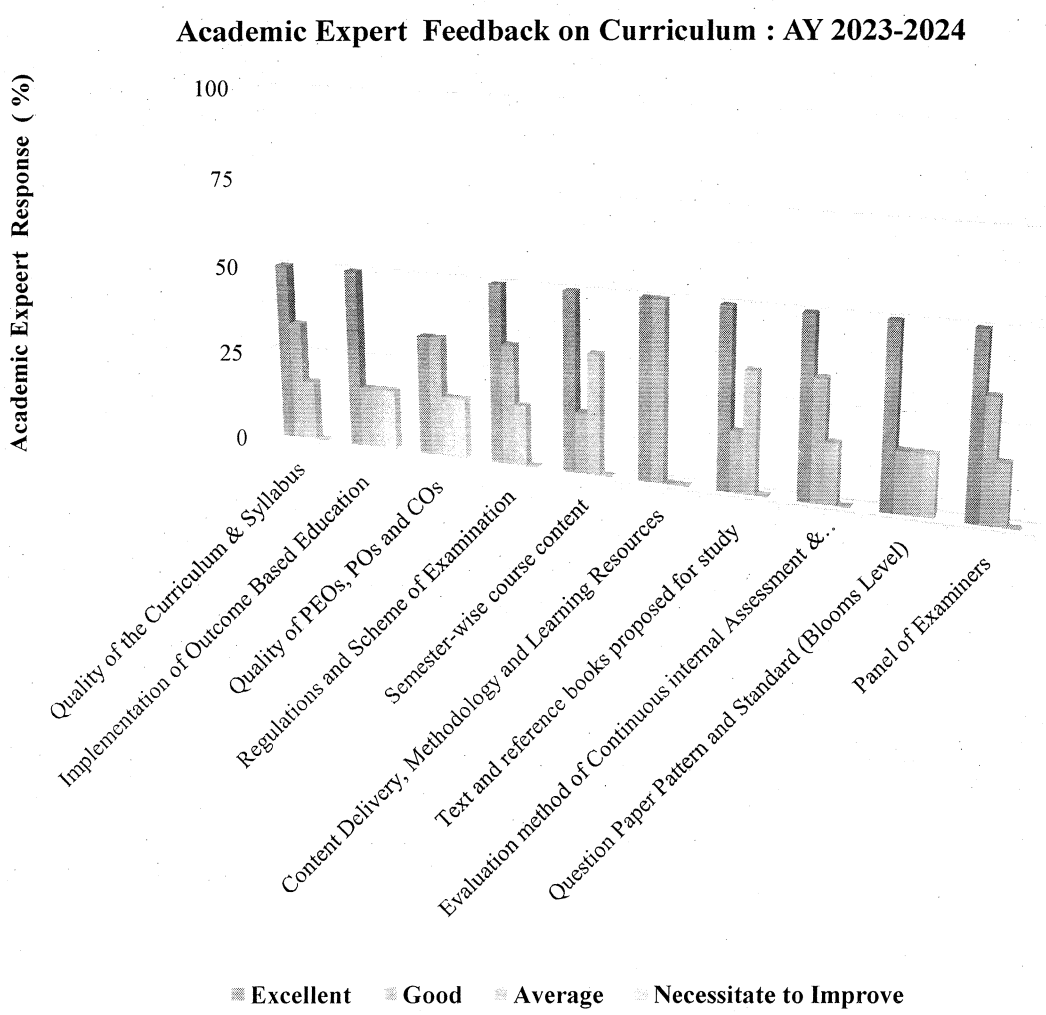

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 33%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 50% as excellent, 17% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 17% and 17% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 17%, 33% as excellent, good and average respectively.

6. Content Delivery, Methodology and Learning Resources scored 50% as excellent and 50% as good.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 50% as excellent, 17% as good, 17% as average and 17% as necessity to improve.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions by Expert members

- Expert suggested to update all the text books and reference books with latest edition and said to verify whether the syllabus is covered in the respective books.
- Expert suggested to have industrial internship or mini project in the fourth or sixth semester curriculum so that the students may explore new technologies and it bridge the gap between industry and educational institutions.

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B.E – COMPUTER SCIENCE AND ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E –Computer Science and Engineering
Employer Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	1	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	4	1	1	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	17	17	17	100
2.	Implementation of Outcome Based Education	67	17	17	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	33	0	0	100
4.	Offered Courses related to Industry/employability	67	17	17	0	100
5.	Competencies/outcomes in relation to the course content	50	33	17	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	67	17	17	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	67	33	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	67	17	17	0	100

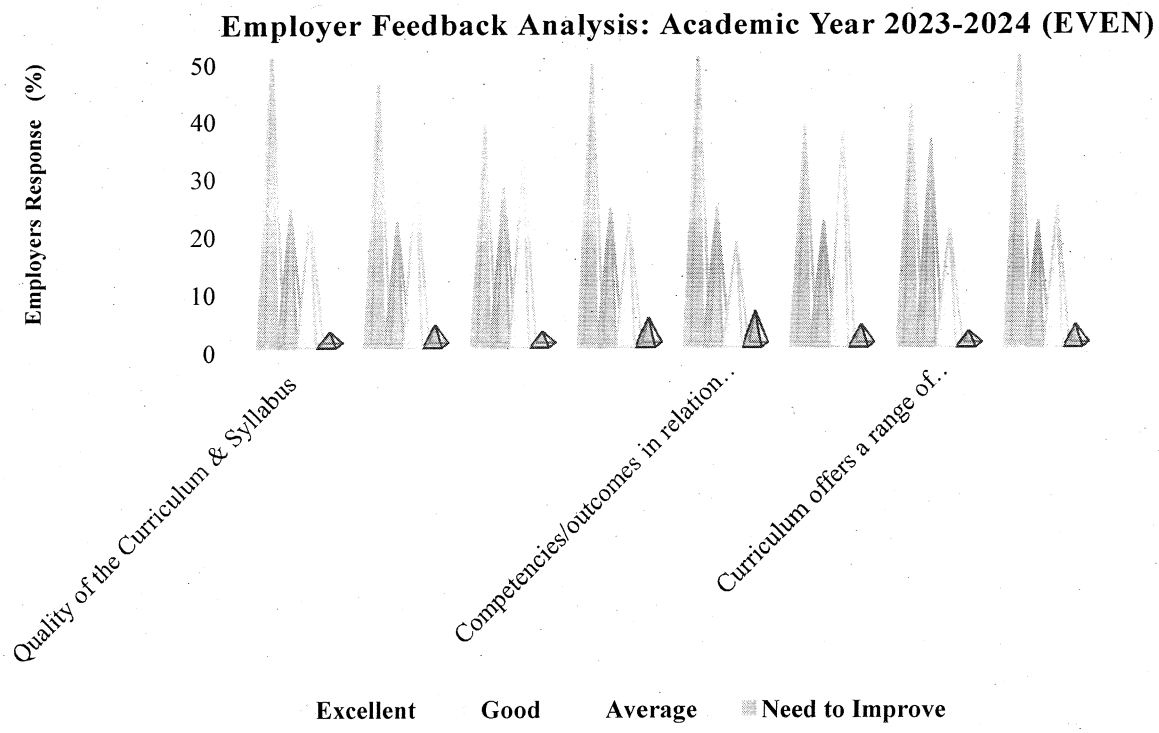

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 17%, 17%, 17% as excellent, good, average and necessity to improve respectively.
2. Implementation of Outcome Based Education scored 67% as excellent, 17% as good and 17% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 67% and 33% as excellent and good respectively.
4. Offered Courses related to Industry/employability scored 67%, 17% and 14% as excellent, good and average respectively.
5. Competencies/outcomes in relation to the course content scored 50% as excellent, 33% as good and 17% as necessity to improve.

6. Tools used for designing the experiments in terms of existing practices in the industries scored 67% as excellent, 17% as average and 17% as necessity to improve.
7. Curriculum offers a range of professional and open electives/value-added courses scored 67% and 33% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 67% as excellent, 17% as good and 17% as average respectively.

Suggestions by Students

1. Employer members suggested to improve latest software in labs and insisted to incorporate latest programming languages and suggested to improve lab infrastructure
2. Employer members suggested to introduce more lab sessions for programming language
3. Employer members suggested to change few lab experiments with new test cases in programming language

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Electronics and Instrumentation Engineering

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	28	2	0	0	30
2.	Course objective & course outcomes are achieved in the syllabus.	27	2	1	0	30
3.	Professional and open Electives offered are supportive to the core papers.	30	0	0	0	30
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	26	3	1	0	30
5.	Profundity of the course content in the syllabus.	28	2	0	0	30
6.	Exact Sequence of the courses provided in the curriculum	30	0	0	0	30
7.	Syllabus coverage in class by the teaching faculty	30	0	0	0	30
8.	Faculty Encouragement in learning process	28	2	0	0	30
9.	Teaching and learning process enables clear understanding of the course content.	29	1	0	0	30
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	26	4	0	0	30
11.	Availability of library resources in central and departmental library.	28	1	1	0	30
12.	Reliability of Assessment and Evaluation Process.	27	3	0	0	30
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	28	2	0	0	30
14.	Curriculum has ability to develop Entrepreneurship and Employability.	26	2	2	0	30

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	93	7	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	90	7	3	0	100
3.	Professional and open Electives offered are supportive to the core papers.	100	0	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	87	10	3	0	100
5.	Profundity of the course content in the syllabus.	93	7	0	0	100
6.	Exact Sequence of the courses provided in the curriculum.	100	0	0	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	93	7	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	97	3	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	87	13	0	0	100
11.	Availability of library resources in central and departmental library.	93	3	3	0	100
12.	Reliability of Assessment and Evaluation Process.	90	10	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	93	7	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	86	7	7	0	100

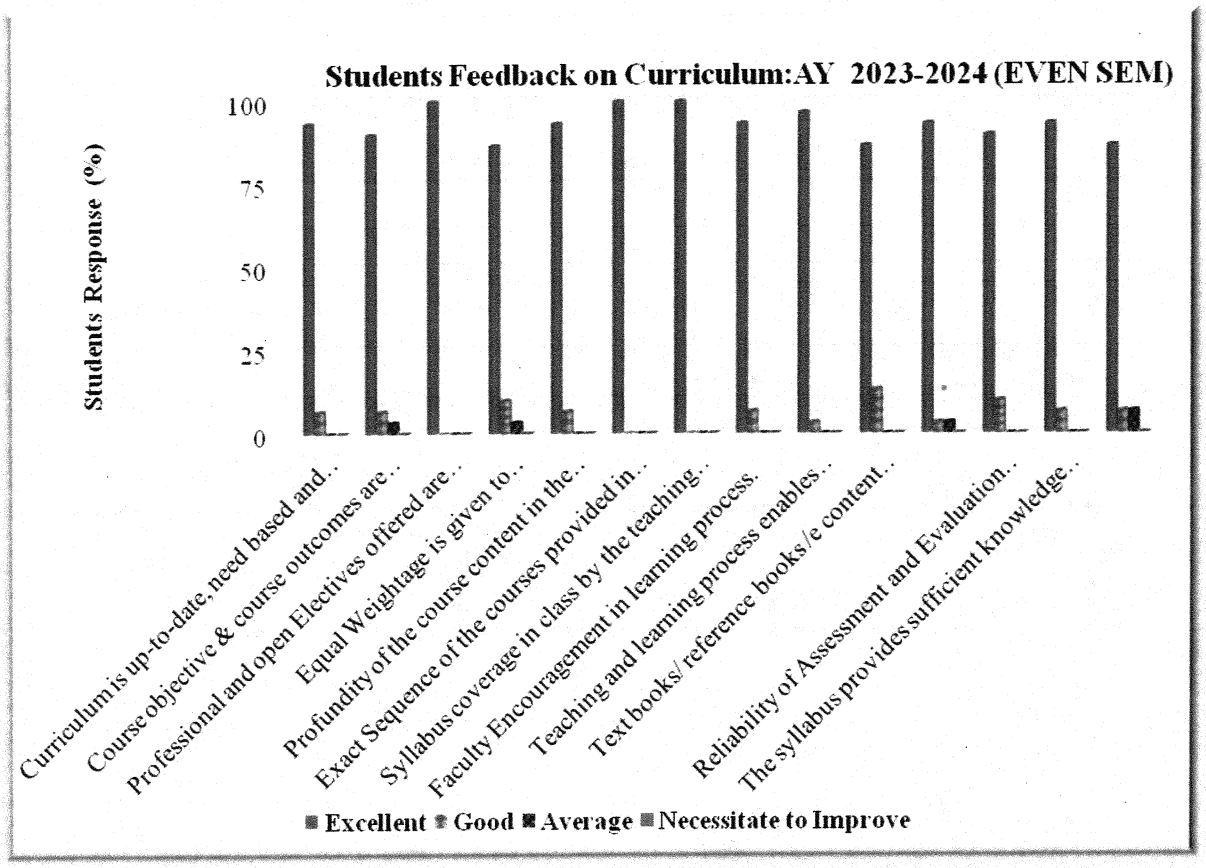

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 93% of students are highly satisfied, and 7% of students are satisfied.
- In the case of Course objective & course outcomes are derived in accordance with outcome based education system 90% of students are highly satisfied, 7% of students are satisfied only 3 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers all 100 % of students are highly satisfied.
- In the Equal Weightage is given to theory and practical course content 87 % of students are Very satisfied, 10% of students are satisfied only 3 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 93% of students are highly satisfied, 7% of students are satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum, 100 % of students are highly satisfied.
- Syllabus coverage in class by the teaching faculty, 100% of students are highly satisfied.

- Faculty Encouragement in learning process, 93% of students are highly satisfied and 7% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 97 % of students are highly satisfied, and 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 87% of students are highly satisfied, and 13% of students are satisfied.
- Reliability of assessment & evaluation process, 90% of students are highly satisfied, 10% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch. 93 % of students are highly satisfied, and 7% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 86% of students are highly satisfied, 7% of students are satisfied and 7% of students are moderately satisfied.

Suggestions:

- More Skill oriented courses and Employability Enhancement courses can be given.
- Establish more MoU s to core industries to get exposure on latest industrial advancements.
- Provide opportunities for students to work on real projects with industry partners to enhance their practical skills.
- Organize entrepreneurship-related events, and startup fairs to nurture entrepreneurial talent.
- Provide more additional credit courses as Value Added and credit transfer courses..

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Electronics and Instrumentation Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	5	1	0	0	6
2.	Implementation of Outcome Based Education	3	2	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	5	1	0	0	6
5.	Competencies/outcomes in relation to the course content	4	2	0	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	5	1	0	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	6	0	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	83	17	0	0	100
2.	Implementation of Outcome Based Education	49	17	17	17	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	66	17	17	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	67	33	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	83	17	0	0	100

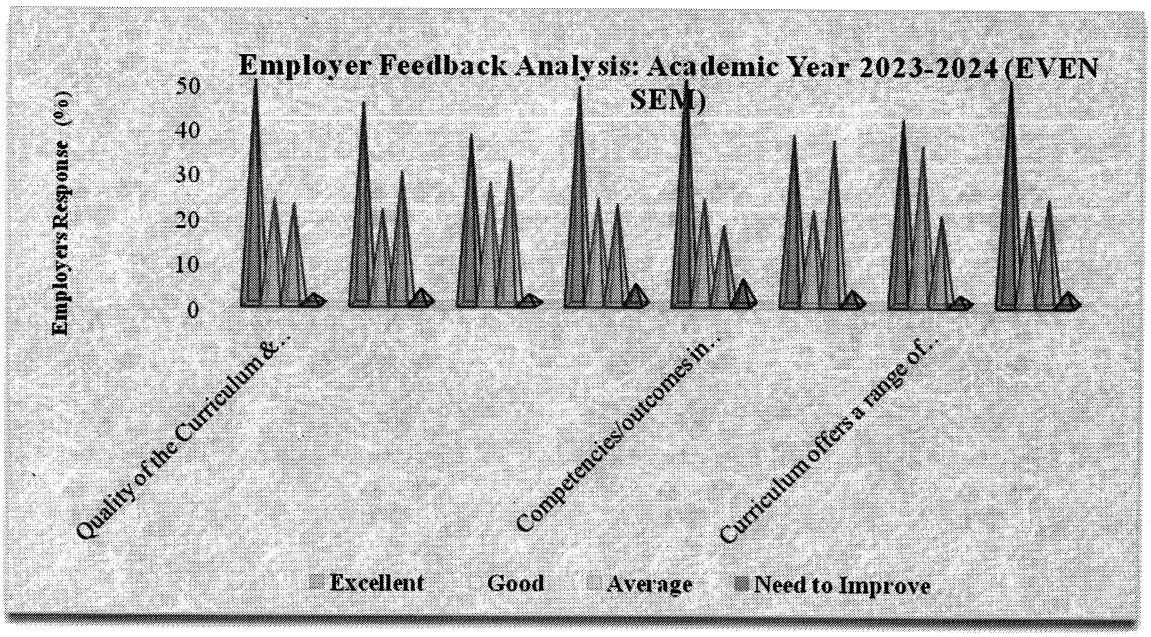

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum &Syllabus, 83% of Employers are given excellent, 17% of Employers are given good.
- Implementation of Outcome Based Education, 49% of Employers are given excellent, 17% of Employers are given good, also 17% of Employers are marked as an average and 17% of employers suggested for improvement.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, all 100% of Employers are given excellent.
- Offered Courses related to Industry/employability, 100% of Employers are given excellent.
- Competencies/outcomes in relation to the course content, 66% of Employers are given excellent, 17% of Employers are given good, also 17% of Employers are marked as an average.
- Tools used for designing the experiments in terms of existing practices in the industries, 67% of Employers are given excellent, 33% of Employers are given good.
- Curriculum offers a range of professional and open electives/value-added courses, 100% of Employers are given excellent.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 83% of Employers are given excellent, 17% of Employers are given good.

Suggestions:

- ✓ Suggested to add latest industrial developments/ technologies in the syllabus.
- ✓ Continue to expand opportunities for practical and hands-on learning such as, Internships, industry projects and field study.
- ✓ Collaborate with local industries to design real-time case studies.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Virtual Instrumentation using LabVIEW can be given as Value added course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ More number of outreach activities to be conducted to improve the students' social connect with society.
- ✓ Include can study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Electronics and Instrumentation Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	16	3	1	0	20
2.	Regulations and Scheme of Examination	20	0	0	0	20
3.	Semester-wise course content	17	3		0	20
4.	Content Delivery, Methodology & Learning Resources	16	2	2	0	20
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	17	2	1	0	20
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	18	2	0	0	20
7.	Availability of library resources supports Text and Reference Books suggested to study	17	2	1	0	20

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	80	15	5	0	100
2.	Regulations and Scheme of Examination	100	0	0	0	100
3.	Semester-wise course content	85	15	0	0	100
4.	Content Delivery, Methodology & Learning Resources	80	10	10	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	85	10	5	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	90	10	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	85	10	5	0	100

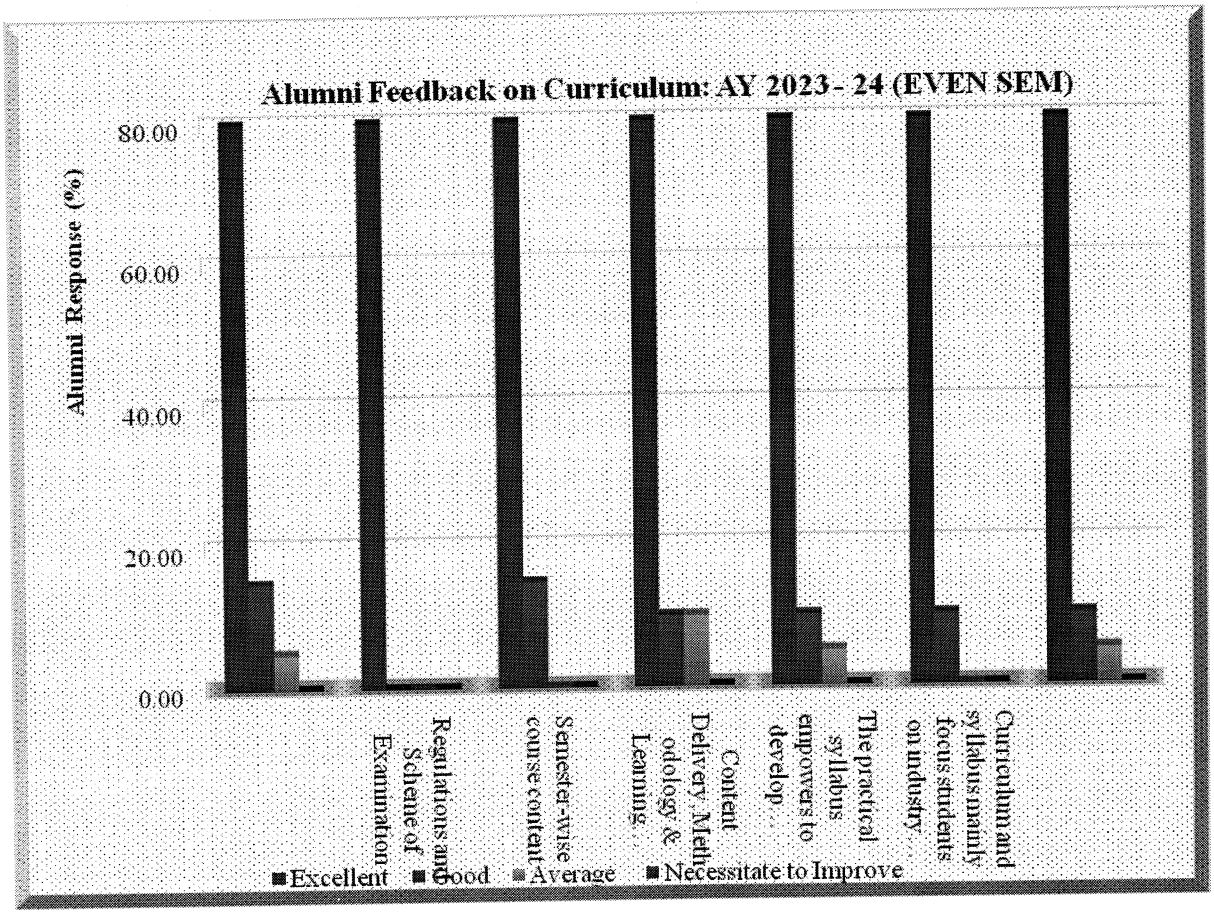

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 80% of Alumni are highly satisfied and 15% of Alumni are satisfied and 5% of Alumni are moderately satisfied.
- In the case of the Regulations and Scheme of Examination, all 100 % of Alumni are highly satisfied.
- With respect to the Semester-wise course content 85 % of Alumni are highly satisfied, 15% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 80% of Alumni are highly satisfied, 10% of Alumni are satisfied and 10% of Alumni are moderately satisfied.
- Considering the use of The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students 85% of Alumni are highly satisfied and 10 % of Alumni are satisfied and 5% of Alumni are moderately satisfied.

- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 90% of Alumni are highly satisfied, 10 % of Alumni are satisfied.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study 85% of Alumni are highly satisfied, 10% of Alumni are satisfied and 5% of Alumni are moderately satisfied

Suggestions:

- Recommended to offer LABVIEW fundamentals and Hardware Modules as a Value Added Course to the students.
- Organize more Industry visits, field trip, workshops, seminars , expert talk to foster industry-academic interaction and enhance students engagements.
- Introduce a variety of teaching methodologies to cater to different learning styles, such as visual aids, hands-on activities, and multimedia presentations.
- Employ the latest educational technologies and digital resources to enhance the learning experience.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

Hindusthan College of Engineering and Technology

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Electronics and Instrumentation Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	9	0	0	0	9
2.	Electives offered are supportive to the core papers	8	1	0	0	9
3.	Implementation of Outcome Based Education	7	2	0	0	9
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	7	1	1	0	9
5.	Regulations and Scheme of Examination	9	0	0	0	9
6.	Semester-wise course content	9	0	0	0	9
7.	Content Delivery, Methodology and Learning Resources	8	1	0	0	9
8.	Availability of library resources supports Text and Reference Books suggested to study	8	1	0	0	9
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8	1	0	0	9
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	9	0	0	0	9

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	89	11	0	0	100
3.	Implementation of Outcome Based Education	78	22	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	78	11	11	0	100
5.	Regulations and Scheme of Examination	100	0	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	89	11	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	89	11	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	89	11	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100

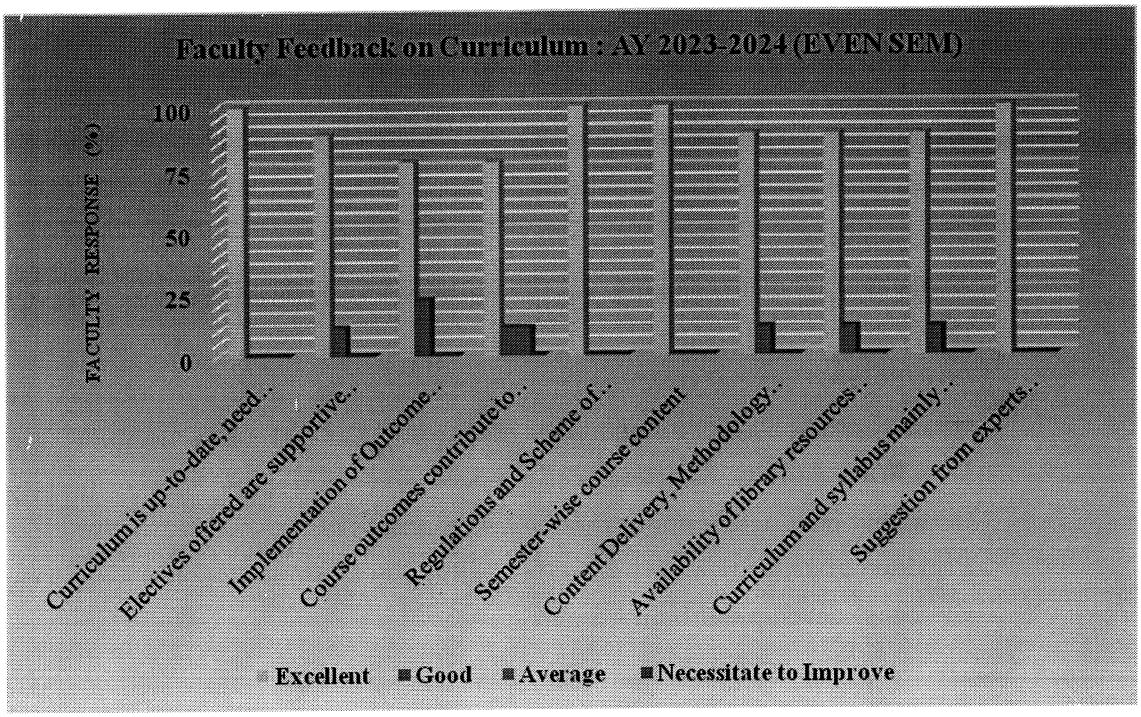

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented, all 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Implementation of Outcome Based Education, 78 % of faculties are highly satisfied and 22 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination, 100 % of faculties are highly satisfied
- In the case of Semester-wise course content, 100 % of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 100 % of faculties are highly satisfied.

Suggestions:

- Suggested some revisions in the subject "Principles of sensors and signal conditioning".
- Suggested some revisions in the subject "Electronic Devices and Circuits" (R2022)
- Provide professional development opportunities for faculty members to enhance their teaching skills, including the effective use of technology in the classroom.
- Encourage faculty to attend conferences and workshops to stay updated with the latest advancements in their respective fields.
- Provide opportunities for industrial training to faculty members so that they can get latest developments in industries.

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B.E ELECTRONICS AND INSTRUMENTATION ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Electronics and Instrumentation Engineering

Academic Expert Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	6	0	0	0	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Quality of PEOs, POs and COs	4	2	0	0	6
4.	Regulations and Scheme of Examination	6	0	0	0	6
5.	Semester-wise course content	5	1	0	0	6
6.	Content Delivery, Methodology and Learning Resources	4	1	1	0	6
7.	Text and reference books proposed for study	4	2	0	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	5	1	0	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	4	1	1	0	6
10.	Panel of Examiners	4	1	1	0	6

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100
2	Implementation of Outcome Based Education	67	17	16	0	100
3.	Quality of PEOs, POs and COs	67	33	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	83	17	0	0	100
6.	Content Delivery, Methodology and Learning Resources	67	17	16	0	100
7.	Text and reference books proposed for study	67	33	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	83	17	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	67	17	16	0	100
10.	Panel of Examiners	67	17	16	0	100

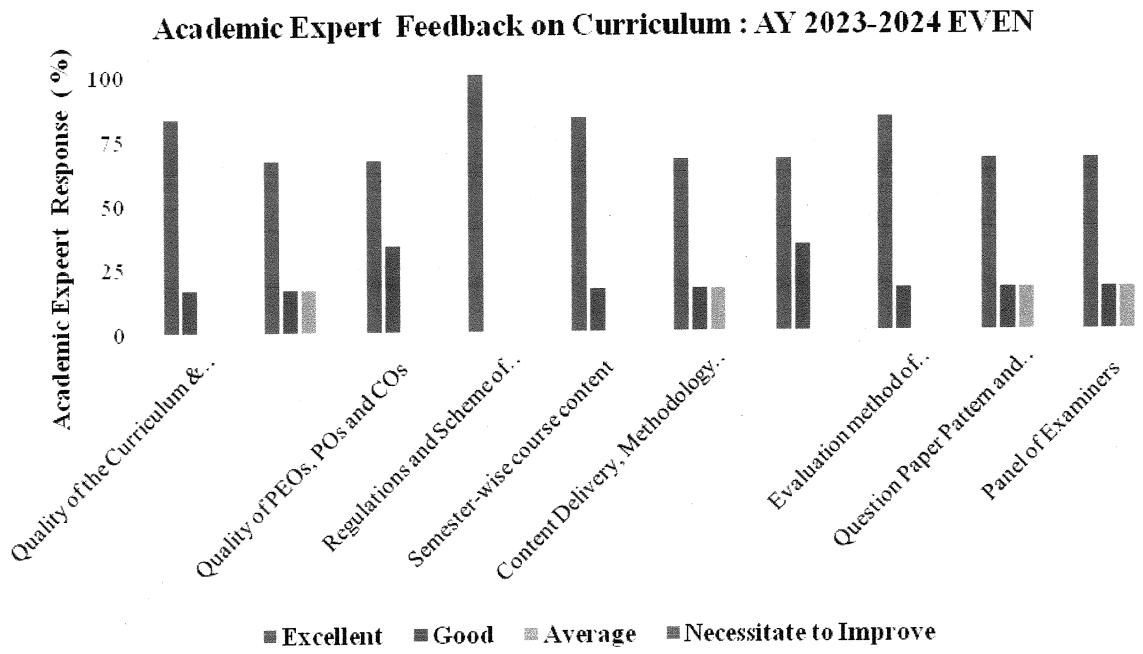

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, all 100% of Academic Experts are given as Excellent.
- For Implementation of Outcome Based Education, 67% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 16% experts given as average.
- The Quality of PEOs, POs and COs, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 83% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 67% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 83% of Academic Experts are given as Excellent and 33% of Academic Experts are given are given as Good.

- For Question Paper Pattern and Standard (Blooms Level), 67% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 16% experts given as average.
- For Panel of Examiners, 67% of Academic Experts are given as Excellent and 17% of Academic Experts are given are given as Good and 16% experts given as average.

Suggestions:

- Suggested to incorporate Recent editions of Text and Reference books in the syllabus.
- Suggested to revise Unit I & add process control basics in the subject "Advanced Process Control(Honours)".
- Ensure enough practical sessions can be given in Theory with Laboratory courses.
- Recommended to provide more fundaments in core subjects in R2022.
- Offer Skill development courses as open electives other than core domain.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 – 2024

B.E – Electronics and Communication Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	90	4	0	0	94
2.	Regulations and Scheme of Examination	88	4	2	0	94
3.	Semester-wise course content	86	5	3	0	94
4.	Content Delivery, Methodology & Learning Resources	88	3	2	1	94
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	86	4	3	1	94
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	88	2	2	2	94
7.	Availability of library resources supports Text and Reference Books suggested to study	87	3	3	1	94

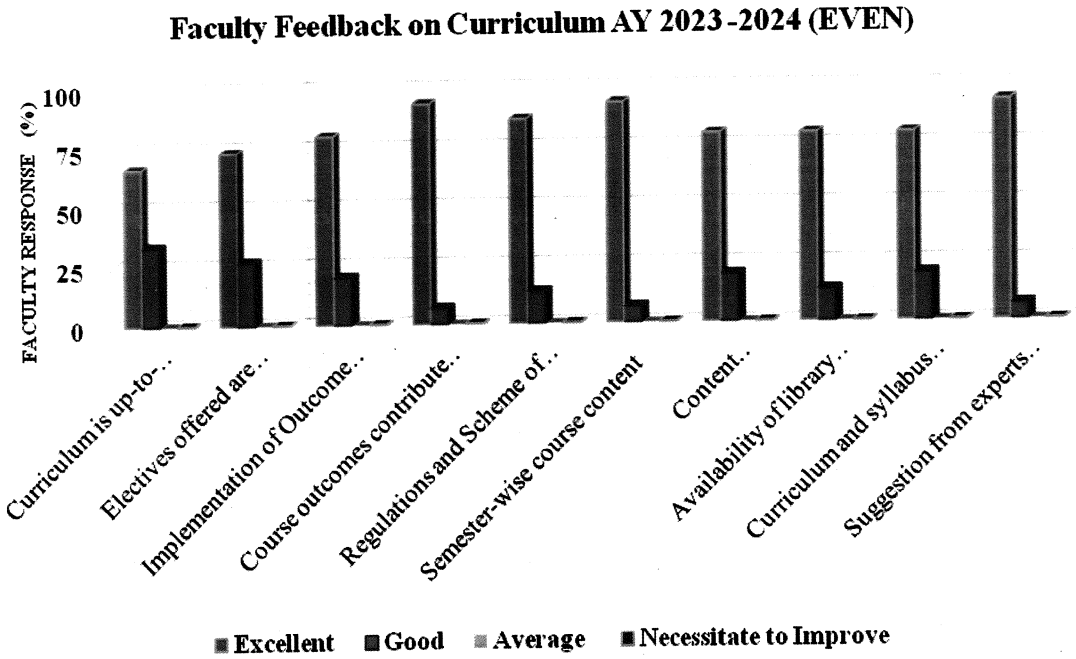

Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 67% as excellent and 33% as good.
2. "Electives offered are supportive to the core papers" scored 73% and 27% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 80% and20% as excellent and good respectively.
4. "Course outcomes contribute to the fullfilment of program outcomes (PO)" scored 93% as excellent and 7% as good.
5. "Regulations and Scheme of Examination" scored 87% and 13% as excellent and good respectively.
6. "Semester-wise course content" scored 93% and 7% as excellent and good respectively.
7. "Content Delivery, Methodology and Learning Resources" scored 80% as excellent and 20% as good.

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	67	33	0	0	100
2.	Electives offered are supportive to the core papers	73	27	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93	7	0	0	100
5.	Regulations and Scheme of Examination	87	13	0	0	100
6.	Semester-wise course content	93	7	0	0	100
7.	Content Delivery, Methodology and Learning Resources	80	20	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80	13	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93	7	0	0	100

B.E – Electronics and Communication Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	5	0	0	15
2.	Electives offered are supportive to the core papers	11	4	0	0	15
3.	Implementation of Outcome Based Education	12	3	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	13	2	0	0	15
6.	Semester-wise course content	14	1	0	0	15
7.	Content Delivery, Methodology and Learning Resources	12	3	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 – 2024

Suggestions by Students

1. Students suggested to change few lab experiments with new test cases in Analog Communication Lab.
2. Students requested to allow industrial oriented projects and requested to grant permission to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

P. Haylal

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HiCET

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 98.05%, 1.30%, and 0.65% as Excellent, good and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 98.05%, 1.95%and 7% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 94.16% as excellent, 4.55% as good and 1.30% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 93.51% as excellent, 5.19% as good and 1.30% as average.
5. Profundity of the course content in the syllabus scored 95.45%, 3.25% and 1.3% as Excellent, good, average respectively.
6. Exact Sequence of the courses provided in the curriculum scored 89.61%, 5.84% and 4.55% as Excellent, good and average respectively.
7. Syllabus coverage in class by the teaching faculty scored 92.21%, 3.90% and 3.9% as Excellent, good and average respectively.
8. Faculty Encouragement in learning process scored 97.4% as excellent, 1.95% as good and 0.65% as average.
9. Teaching and learning process enables clear understanding of the course content scored 95.45% as excellent, 2.60% as good and 1.95% as average.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 98.70% as excellent and 1.3% as good.
11. Availability of library resources in central and departmental library scored 89.61% as excellent, 4.55% as good and 5.84% as average.
12. Reliability of Assessment and Evaluation Process scored 78% as excellent, 14% as good, 5% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 88.31%, 6.49% and 5.19% as Excellent, good and average respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 85.71% as excellent, 7.79% as good and 6.41 as average respectively..

11.	Availability of library resources in central and departmental library.	89.61	4.55	5.84	0.00	100
12.	Reliability of Assessment and Evaluation Process.	88.31	6.49	5.19	0.00	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92.86	5.19	1.95	0.00	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	85.71	7.79	6.49	0.00	100

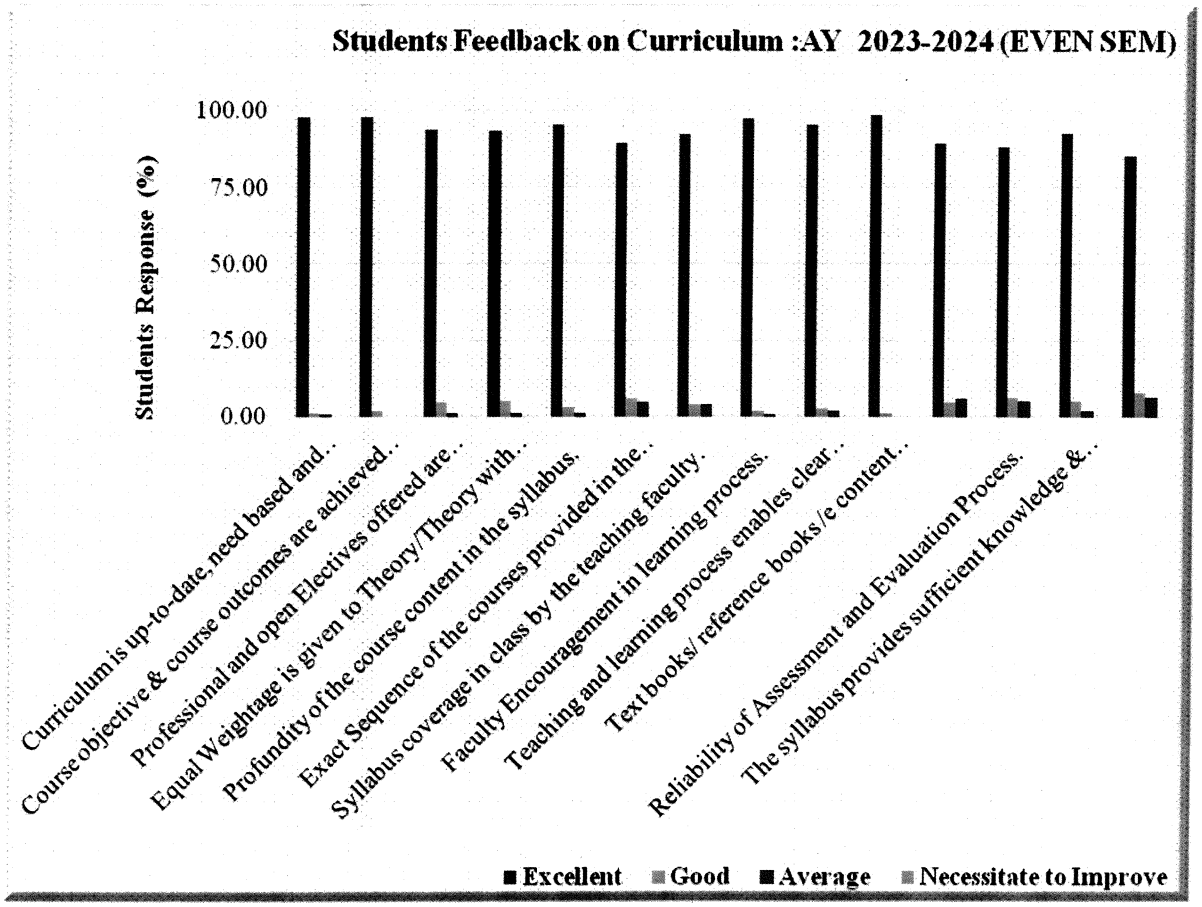

Fig.1. Student Feedback on Curriculum

	sufficient knowledge & perspective in the respective branch.					
14.	Curriculum has ability to develop Entrepreneurship and Employability.	132	12	10	0	154

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	98.05	1.30	0.65	0.00	100
2.	Course objective & course outcomes are achieved in the syllabus.	98.05	1.95	0.00	0.00	100
3.	Professional and open Electives offered are supportive to the core papers.	94.16	4.55	1.30	0.00	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93.51	5.19	1.30	0.00	100
5.	Profundity of the course content in the syllabus.	95.45	3.25	1.30	0.00	100
6.	Exact Sequence of the courses provided in the curriculum.	89.61	5.84	4.55	0.00	100
7.	Syllabus coverage in class by the teaching faculty.	92.21	3.90	3.90	0.00	100
8.	Faculty Encouragement in learning process.	97.40	1.95	0.65	0.00	100
9.	Teaching and learning process enables clear understanding of the course content.	95.45	2.60	1.95	0.00	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	98.70	1.30	0.00	0.00	100

B.E – Electronics and Communication Engineering

Student Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	151	2	1	0	154
2.	Course objective & course outcomes are achieved in the syllabus.	151	3	0	0	154
3.	Professional and open Electives offered are supportive to the core papers.	145	7	2	0	154
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	144	8	2	0	154
5.	Profundity of the course content in the syllabus.	147	5	2	0	154
6.	Exact Sequence of the courses provided in the curriculum	138	9	7	0	154
7.	Syllabus coverage in class by the teaching faculty	142	6	6	0	154
8.	Faculty Encouragement in learning process	150	3	1	0	154
9.	Teaching and learning process enables clear understanding of the course content.	147	4	3	0	154
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	152	2	0	0	154
11.	Availability of library resources in central and departmental library.	138	7	9	0	154
12.	Reliability of Assessment and Evaluation Process.	136	10	8	0	154
13.	The syllabus provides	143	8	3	0	154

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

7. Availability of library resources supports Text and Reference Books suggested to study scored 92.55%,3.19% , 3.19% and 1.06% as excellent, as good, as average and as need to improve respectively.

Suggestions by Alumni

1. Students must be encouraged to do industrial oriented projects to have good exposure on latest trends in hardware and software.
2. Students must be allowed to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers.
3. Alumni also appreciated the curriculum for the inclusion of courses in the curriculum which equip learners with the knowledge, skills and motivation to address complex environmental challenges and Gender Issues.

P. Hay Rai

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ECE

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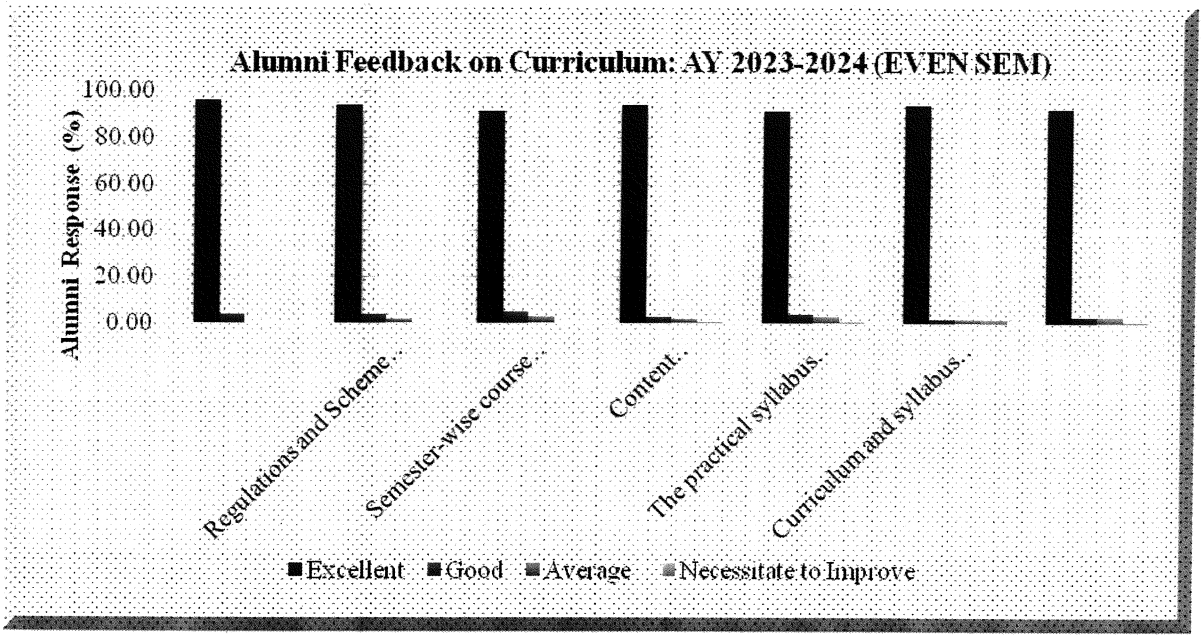

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 95.74% as excellent, and 4.26% as good.
2. Regulations and Scheme of Examination scored 93.62% as excellent, 4.26% as good and 2.13% as average.
3. Semester-wise course content scored 91.49%, 5.32% and 3.19% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 93.62%, 3.19% and 2.13% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 91.49% as excellent, 4.26% as good and 3.19% as average respectively.
6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 93.62% as excellent, 2.13% as good, 2.13% as average and 2.13% as need to improve.

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	95.74	4.26	0.00	0.00	100.00
2.	Regulations and Scheme of Examination	93.62	4.26	2.13	0.00	100.00
3.	Semester-wise course content	91.49	5.32	3.19	0.00	100.00
4.	Content Delivery, Methodology & Learning Resources	93.62	3.19	2.13	1.06	100.00
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	91.49	4.26	3.19	1.06	100.00
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	93.62	2.13	2.13	2.13	100.00
7.	Availability of library resources supports Text and Reference Books suggested to study	92.55	3.19	3.19	1.06	100.00

8. " Availability of library resources supports Text and Reference Books suggested to study" scored 80% as excellent and 13% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 93% as excellent and 7% as good.

Suggestions by Faculty

1. Faculty members suggested to invite the industrial experts to conduct value added courses and the hands on training for the students
2. Faculty members suggested to encourage students to do mini projects for better exposure of industry and knowledge gaining.
3. Faculty member suggested revision in unit titles for the course 22EC4304 - Transmission Lines and Waveguides

6. Faculty members suggested to reduce the contents of unit III in the course 21EC6303 -Mobile Communication as it is vast.

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B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E – Electronics and Communication Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	1	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	4	1	1	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	17	17	17	100
2.	Implementation of Outcome Based Education	67	17	17	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	33	0	0	100
4.	Offered Courses related to Industry/employability	67	17	17	0	100
5.	Competencies/outcomes in relation to the course content	50	33	17	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	67	17	17	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	67	33	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	67	17	17	0	100

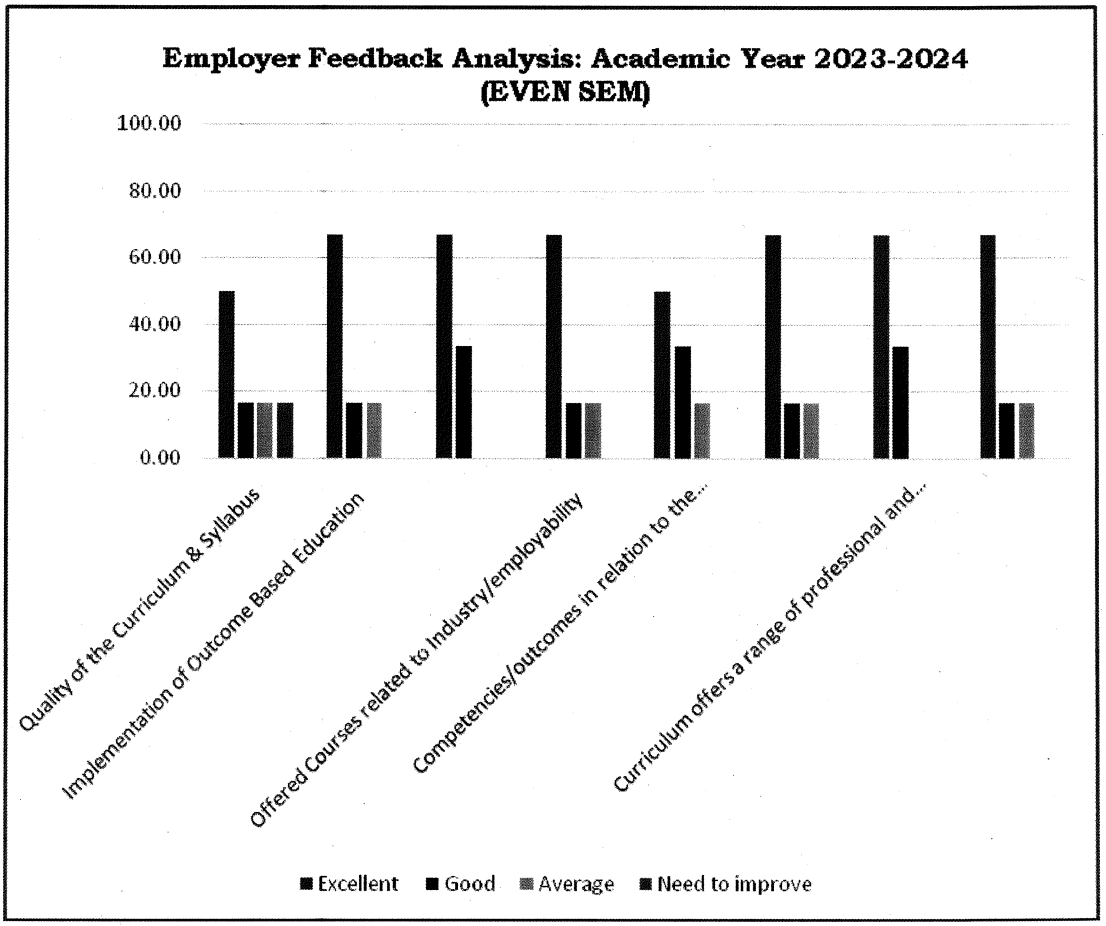

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 17%, 17%, 17% as excellent, good, average and necessity to improve respectively.
2. Implementation of Outcome Based Education scored 67% as excellent, 17% as good and 17% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 67% and 33% as excellent and good respectively.
4. Offered Courses related to Industry/employability scored 67%, 17% and 14% as excellent, good and average respectively.

5. Competencies/outcomes in relation to the course content scored 50% as excellent, 33% as good and 17% as necessity to improve.
6. Tools used for designing the experiments in terms of existing practices in the industries scored 67% as excellent, 17% as average and 17% as necessity to improve.
7. Curriculum offers a range of professional and open electives/value-added courses scored 67% and 33% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 67% as excellent, 17% as good and 17% as average respectively.

Suggestions by Employer

1. Employer members suggested to improve latest software in labs and insisted to incorporate latest programming languages/Tools/Environments and suggested to improve lab infrastructure
2. Employer members suggested to introduce more Value Added Courses for concept gathering and its application.
3. Employer members suggested to change few lab experiments with new test cases in 22EC4002 Analog Communication Lab.
4. Employer members appreciated the efforts taken for the inclusion of courses like Environmental Issue and IPR and Innovation which create awareness on need of the hour concepts.

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Coimbatore 641 032

B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.E – Electronics and Communication Engineering

Academic Expert Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	1	0	6
2.	Implementation of Outcome Based Education	3	1	1	1	6
3.	Quality of PEOs, POs and COs	2	2	1	1	6
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	1	2	0	6
6.	Content Delivery, Methodology and Learning Resources	3	3	0	0	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	33	17	0	100
2.	Implementation of Outcome Based Education	50	17	17	17	100
3.	Quality of PEOs, POs and COs	33	33	17	17	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	17	33	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	17	100
10.	Panel of Examiners	50	33	17	0	100

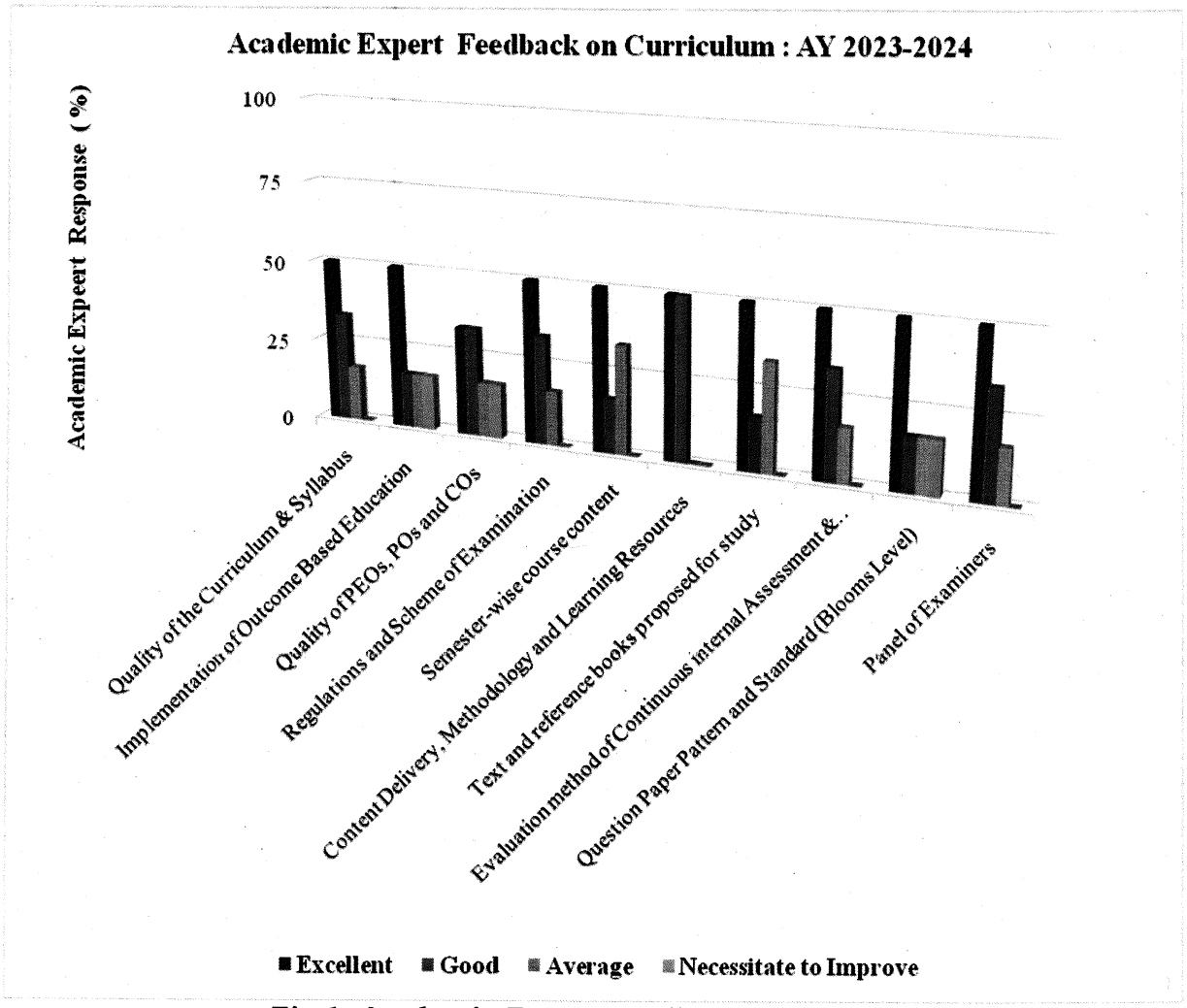

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 33%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 50% as excellent, 17% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 17% and 17% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 17%, 33% as excellent, good and average respectively.

6. Content Delivery, Methodology and Learning Resources scored 50% as excellent and 50% as good.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 50% as excellent, 17% as good, 17% as average and 17% as necessity to improve.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions by Expert members

- Academic expert has suggested to add the book titles as "Digital Communication" Authored by John G. Proakis as one of the Text Books for the course 21EC6253-Digital Communication.
- The common suggestions given by all expert members is to include Pre Requisite for all the courses wherever applicable.
- Expert suggested to update all the text books and reference books with latest edition and said to verify whether the syllabus is covered in the respective books.
- Expert suggested to have industrial internship or mini project from fourth to sixth semester curriculum so that the students may explore new technologies and it bridge the gap between industry and educational institutions.
- Board of Studies member appreciated the efforts taken by the department to create awareness on crosscutting issues such as Environment, Indian Constitution, IPR and Human Rights which are integrated in the Curriculum as compulsory courses like Environmental Studies, Intellectual Property Rights, Indian Constitution, Research Methodology and Human Rights.
- Academic experts also appreciated the curriculum for its nourishment with cross cutting related multi-disciplinary courses.

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ECE - HiCET

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Coimbatore 641 032

B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-ELECTRICAL AND ELECTRONICS ENGINEERING

Alumni Feedback on Curriculum: Academic Year 2023-2024

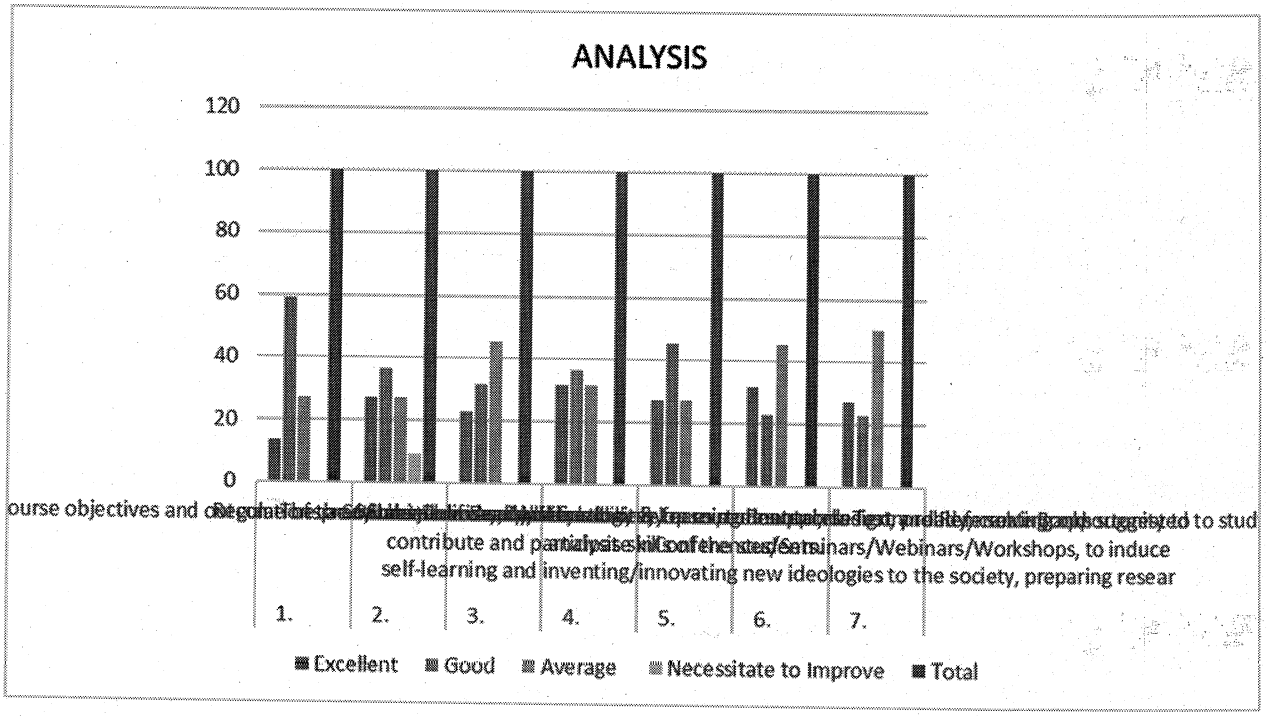
Alumni Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	3	13	6		22
2.	Regulations and Scheme of Examination	6	8	6	2	22
3.	Semester-wise course content	5	7	10		22
4.	Content Delivery, Methodology & Learning Resources	7	8	7		22
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	6	10	6		22
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	7	5	10		22
7.	Availability of library resources supports Text and Reference Books suggested to study	6	5	11		22

ANALYSIS

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	14	59	27	0	100

2.	Regulations and Scheme of Examination	27	36	27	9	100
3.	Semester-wise course content	23	32	45	0	100
4.	Content Delivery, Methodology & Learning Resources	32	36	32	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	27	45	27	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	32	23	45	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	27	23	50	0	100



REPORT

The Alumni response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 13 % as excellent.
- "Electives offered are supportive to the core papers" scored 35%, and 20 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 30%, and 21% as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 33% as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 23 % as excellent. Program outcome / course outcomes help to achieve academic and professional goals" scored 45% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 20%, and 28% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 30% as excellent.
- "OBE attainment of your course/ programme" scored 25 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 23 % as excellent.
- "Availability of library resources" scored 45%, and 36% as excellent, and good respectively.

- "Learning opportunities for your career advancement in the institution" scored 26 % as excellent.
- Pathology and microbiology syllabus need updation to the latest innovations in medical field.

Chairman - BoS
EEE - HiCET

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B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

EMPLOYERS FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Electrical and Electronics Engineering

- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 12 %, and 65 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 65 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 33 % as excellent. Program outcome / course outcomes help to achieve academic and professional goals" scored 50 % good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 24 %, and 36% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 36% as excellent.
- "OBE attainment of your course/ programme" scored 32 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 32 % as excellent.
- "Availability of library resources" scored 45%, and 30% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 42 % as excellent.

Chairman - BoS
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B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

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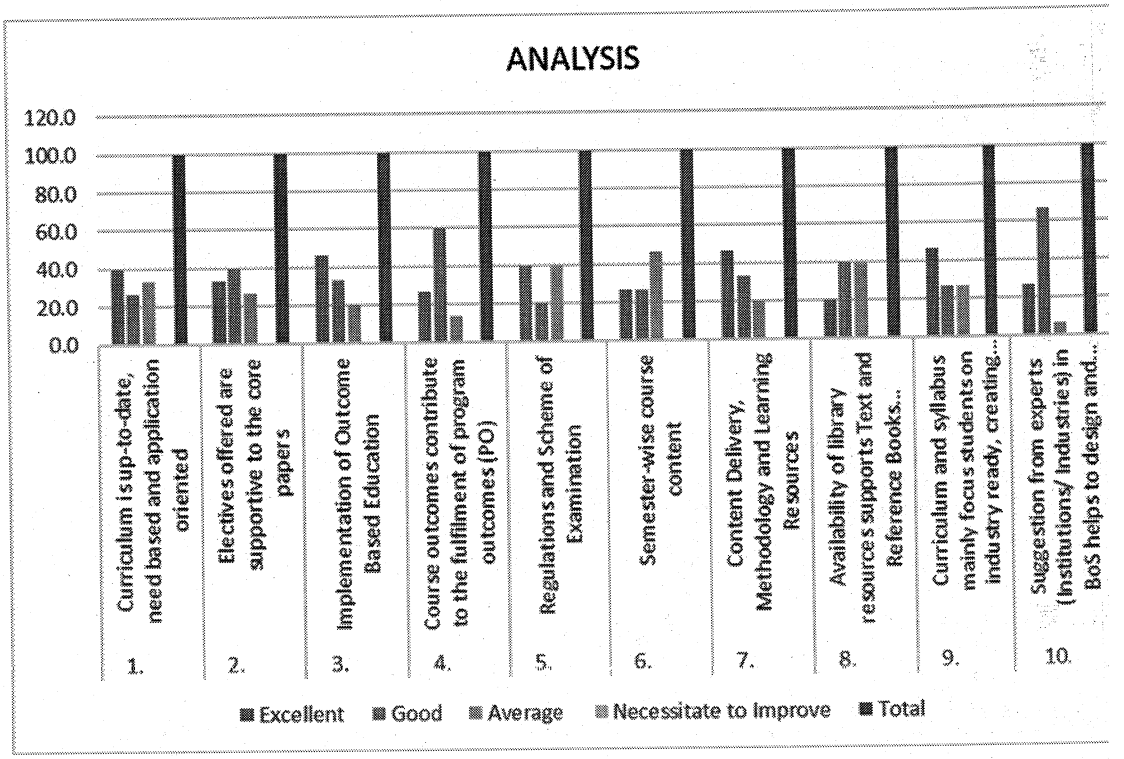

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 80% as excellent.
- "Electives offered are supportive to the core papers" scored 40 %, and 55 % as excellent, respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to scored 12 %, and 40 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 55 % as excel
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored excellent.Program outcome / course outcomes help to achieve academic and professional goa 26% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and r business" scored 27%, and 55 % as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" score excellent.
- "OBE attainment of your course/ programme" scored 42% as excellent.

- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 71 % as excellent.
- "Availability of library resources" scored 14 %, and 52 % as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 45 % as excellent.
- Linear integrated circuits syllabus can be updated related to the medical field.

Chairman - BoS
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B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Electrical and Electronics Engineering

Industry Expert Feedback on Curriculum: Academic Year 2023-2024

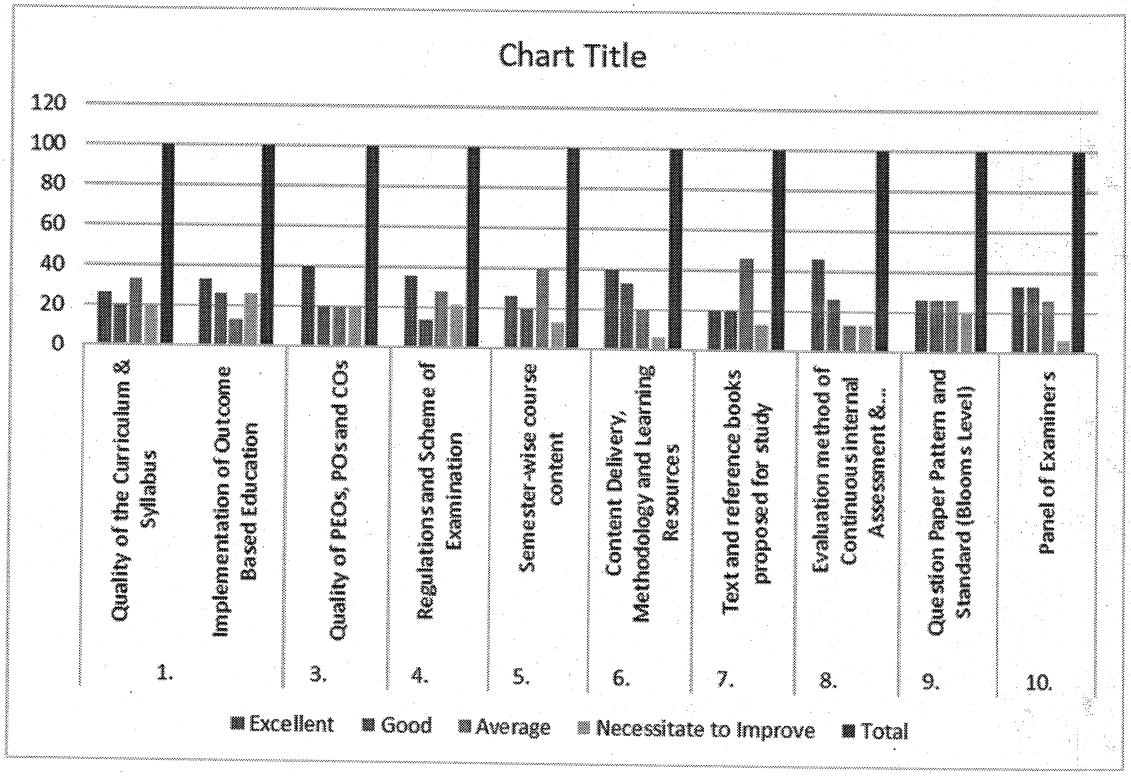
Academic Expert Response

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	4	3	5	3	15
	Implementation of Outcome Based Education	5	4	2	4	15
3.	Quality of PEOs, POs and COs	6	3	3	3	15
4.	Regulations and Scheme of Examination	5	2	4	3	14
5.	Semester-wise course content	4	3	6	2	15
6.	Content Delivery, Methodology and Learning Resources	6	5	3	1	15
7.	Text and reference books proposed for study	3	3	7	2	15
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	7	4	2	2	15
9.	Question Paper Pattern and Standard (Blooms Level)	4	4	4	3	15
10.	Panel of Examiners	5	5	4	1	15

ANALYSIS

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	27	20	33	20	100

2.	Implementation of Outcome Based Education	33	27	13	27	100
3.	Quality of PEOs, POs and COs	40	20	20	20	100
4.	Regulations and Scheme of Examination	36	14	29	21	100
5.	Semester-wise course content	27	20	40	13	100
6.	Content Delivery, Methodology and Learning Resources	40	33	20	7	100
7.	Text and reference books proposed for study	20	20	47	13	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	47	27	13	13	100
9.	Question Paper Pattern and Standard (Blooms Level)	27	27	27	20	100
10.	Panel of Examiners	33	33	27	7	100



REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 27 % as excellent.
- "Electives offered are supportive to the core papers" scored 15%, and 23 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 50 %, and 13 % as excellent, and good respectively.
- "Representation from experts in BoS helps to design and update syllabus" scored 13 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 25 % as excellent. Program outcome / course outcomes help to achieve academic and professional goals" scored 13 % good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 38 %, and 38 % as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 38% as excellent.
- "OBE attainment of your course/ programme" scored 25 % as excellent.

- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 50 % as excellent.
- "Availability of library resources" scored 25 %, and 13 % as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 50 % as excellent.
- The industry experts suggested to include 3D Printing, IPR and medical product development and trouble shooting subject for the honour students.

Chairman - BoS
EEE - HiCET

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B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

PARENT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-Electrical and Electronics Engineering

Student Feedback on Curriculum: Academic Year 2023-2024

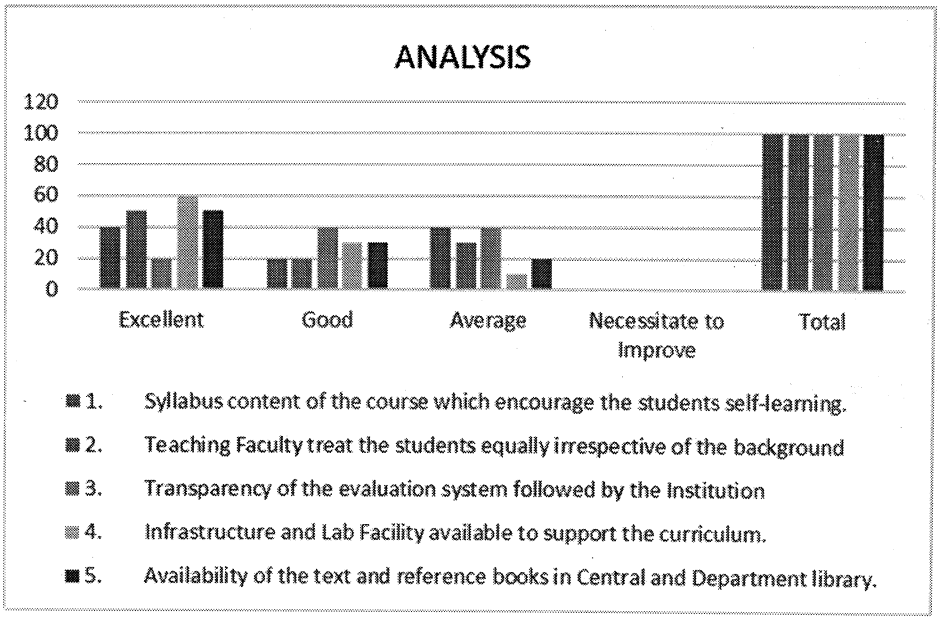
Parent Response

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	4	2	4		10
2.	Teaching Faculty treat the students equally irrespective of the background	5	2	3		10
3.	Transparency of the evaluation system followed by the Institution	2	4	4		10
4.	Infrastructure and Lab Facility available to support the curriculum.	6	3	1		10
5.	Availability of the text and reference books in Central and Department library.	5	3	2		10

Analysis

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	40	20	40	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	50	20	30	0	100

3.	Transparency of the evaluation system followed by the Institution	20	40	40	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	60	30	10	0	100
5.	Availability of the text and reference books in Central and Department library.	50	30	20	0	100



REPORT

The parents response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 45 % as excellent.
- "Electives offered are supportive to the core papers" scored 100%, and 23 % as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 15%, and 35 % as excellent, and good respectively.

- "Representation from experts in BoS helps to design and update syllabus" scored 25 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 38 % as excellent. Program outcome / course outcomes help to achieve academic and professional goals" scored 38% good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 95 %, and 35% as excellent, and good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored 36% as excellent.
- "OBE attainment of your course/ programme" scored 15 % as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 36 % as excellent.
- "Availability of library resources" scored 100 %, and 35% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 23% as excellent.

Chairman - BoS
EEE - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG & TECH

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B.E- ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT FEED BACK ANALYSIS

[EVEN SEMESTER]

Academic year: 2023-2024

B.E-ELECTRICAL AND ELECTRONICS ENGINEERING

Student Feedback on Curriculum: Academic Year 2023-2024

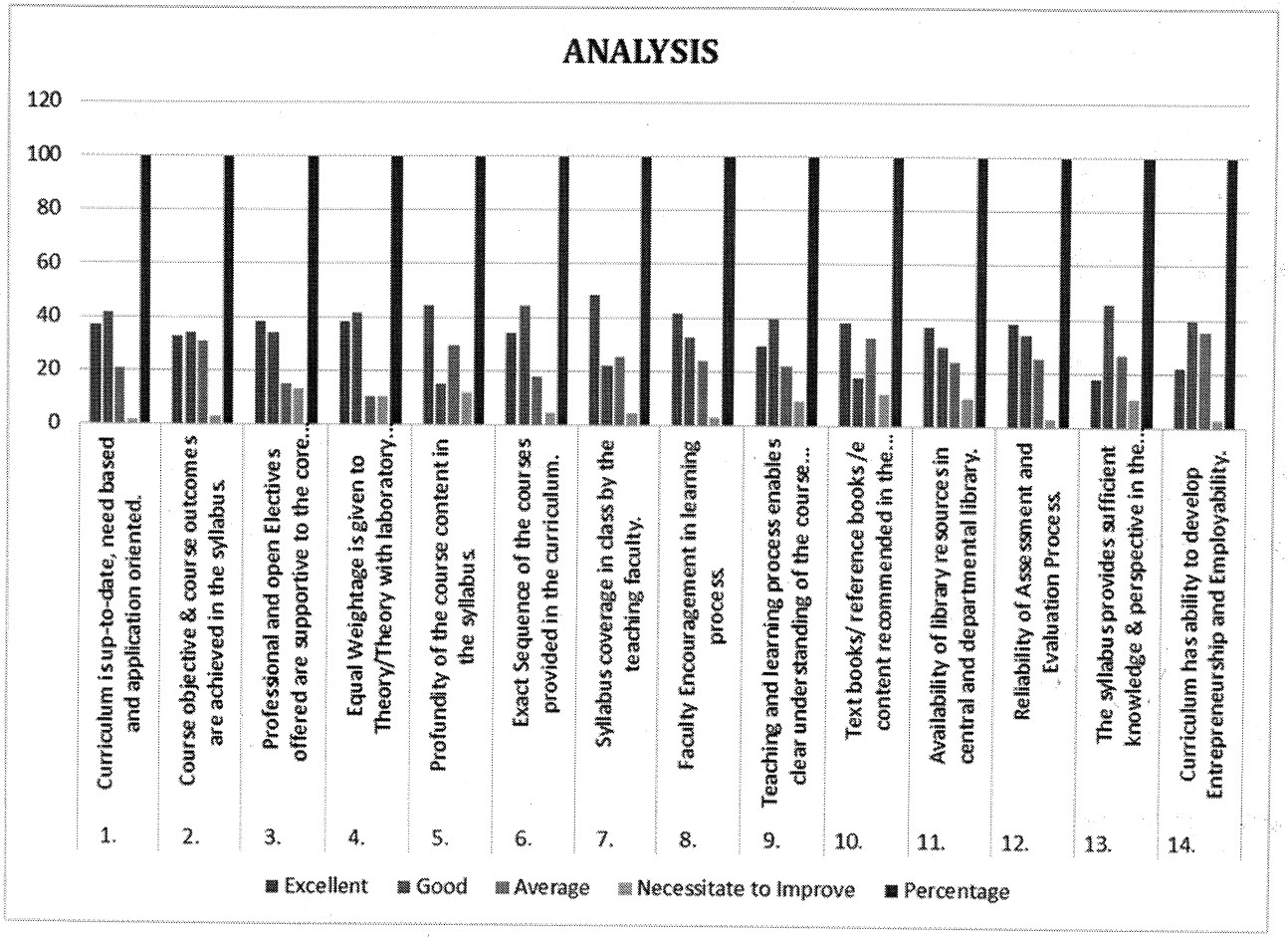
S.No.	Questions	Students Response				
		Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	25	28	14	1	68
2.	Course objective & course outcomes are achieved in the syllabus.	22	23	21	2	68
3.	Professional and open Electives offered are supportive to the core papers.	26	23	10	9	68
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	26	28	7	7	68
5.	Profundity of the course content in the syllabus.	30	10	20	8	68
6.	Exact Sequence of the courses provided in the curriculum	23	30	12	3	68
7.	Syllabus coverage in class by the teaching faculty	33	15	17	3	68
8.	Faculty Encouragement in learning process	28	22	16	2	68
9.	Teaching and learning process enables clear understanding of the course content.	20	27	15	6	68
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	26	12	22	8	68
11.	Availability of library resources in central and departmental library.	25	20	16	7	68
12.	Reliability of Assessment and Evaluation Process.	26	23	17	2	68

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	12	31	18	7	68
14.	Curriculum has ability to develop Entrepreneurship and Employability.	15	27	24	2	68

ANALYSIS

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	36.76	41.17	20.58	1.47	100
2.	Course objective & course outcomes are achieved in the syllabus.	32.35	33.82	30.88	2.94	100
3.	Professional and open Electives offered are supportive to the core papers.	38.23	33.82	14.7	13.23	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	38.23	41.17	10.29	10.29	100
5.	Profundity of the course content in the syllabus.	44.11	14.7	29.41	11.76	100
6.	Exact Sequence of the courses provided in the curriculum.	33.82	44.11	17.64	4.41	100
7.	Syllabus coverage in class by the teaching faculty.	48.52	22.05	25	4.41	100
8.	Faculty Encouragement in learning process.	41.17	32.35	23.52	2.94	100
9.	Teaching and learning process enables clear understanding of the course content.	29.41	39.7	22.05	8.82	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	38.23	17.64	32.35	11.76	100

11.	Availability of library resources in central and departmental library.	36.76	29.41	23.52	10.29	100
12.	Reliability of Assessment and Evaluation Process.	38.23	33.82	25	2.94	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	17.64	45.58	26.47	10.29	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	22.05	39.7	35.29	2.94	100



REPORT

The students response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" good 40.28% as excellent 36.76% and average 18.58%.
- "Electives offered are supportive to the core papers" good 32.82% and as excellent 36.45% and average 13.8% respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" 14.7% average and 38.23% as excellent, and 32.62% good respectively.
- "Representation from experts in BoS helps to design and update syllabus" average as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO) "scored as excellent. Program outcome / course outcomes help to achieve academic and professional goals" scored good respectively.
- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business"33.29% average, and 21.05% as excellent, and 38.5% good respectively.
- "Our training and placement courses for the curriculum makes students industry ready" scored as excellent.
- "OBE attainment of your course/ programme" scored as excellent.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored as excellent.
- "Availability of library resources" scored , and 34.86% as excellent, and 29.21% good respectively.
- "Learning opportunities for your career advancement in the institution" scored as excellent.

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Coimbatore 641 032

B.TECH- FOOD TECHNOLOGY

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

B.Tech - Food Technology

Faculty Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Faculty Response						
1.	Curriculum is up-to-date, need based and application oriented	16	0	0	0	16
2.	Electives offered are supportive to the core papers	13	3	0	0	16
3.	Implementation of Outcome Based Education	15	1	0	0	16
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	16	0	0	0	16
5.	Regulations and Scheme of Examination	14	2	0	0	16
6.	Semester-wise course content	16	0	0	0	16
7.	Content Delivery, Methodology and Learning Resources	16	0	0	0	16
8.	Availability of library resources supports Text and Reference Books suggested to study	12	4	0	0	16
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	14	2	0	0	16
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	16	0	0		16

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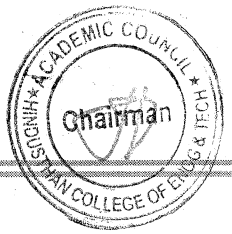
Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Electives offered are supportive to the core papers	81.25	18.75	0	0	100
3.	Implementation of Outcome Based Education	93.75	6.25	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100	0	0	0	100
5.	Regulations and Scheme of Examination	87.5	12.5	0	0	100
6.	Semester-wise course content	100	0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100	0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	87.5	12.5	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	100	0	0	0	100



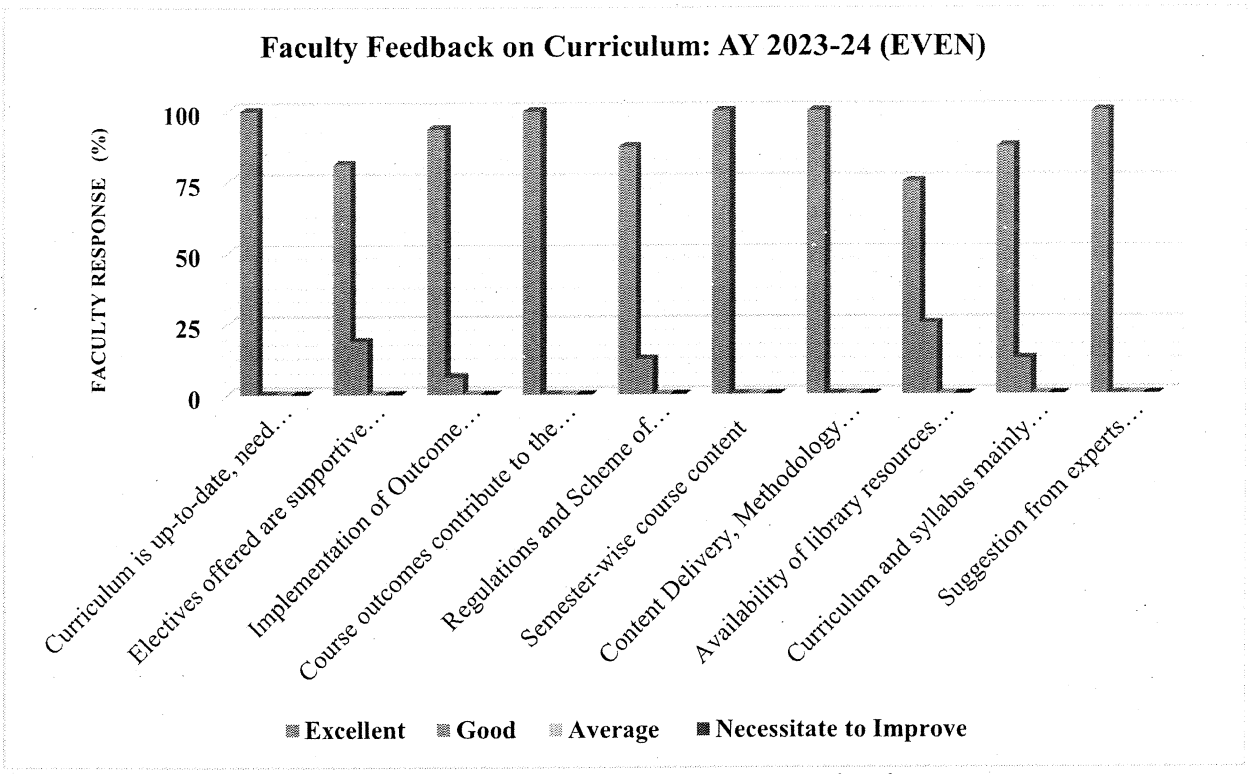


Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100% as excellent.
- "Electives offered are supportive to the core papers" scored 81.25%, and 18.75% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 93.75%, and 6.25% as excellent, and good respectively.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100% as excellent.
- "Regulations and Scheme of Examination" scored 87.5% % as excellent and 12.5% as good respectively.
- Program outcome/course outcomes help to achieve academic and professional goals" scored 56%, and 44% as excellent and good respectively.
- "Semester-wise course content" scored 100% as excellent.
- "Content Delivery, Methodology and Learning Resources" scored 100% as excellent.
- "Availability of library resources supports Text and Reference Books suggested to study" scored 75%, and 25% as excellent and good respectively.

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Chairman

- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 87.5% as excellent and 112.5% as good respectively.
- "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 100% excellent.

Suggestions

- ✓ Dr Deepa J suggested to include application part in each unit in 22FT4203 Unit Operations in Food Processing
- ✓ Dr Deepa J suggested to include recent advances experiments in 22FT4002 Unit Operations in Food Processing Laboratory
- ✓ Dr. Premkumar J suggested to modify few units from the course 22FT2251 – Biochemistry and include Food and Nutrition based topics.

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B.TECH- Food Technology

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

B.Tech-Food Technology

Student Feedback on Curriculum: Academic Year 2023-2024 (Odd)

Table.1. Consolidated Student Feedback report on curriculum

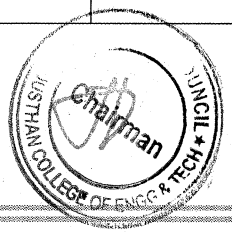
S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Students Response						
1.	Curriculum is up-to-date, need based and application oriented.	97	22	10	3	132
2.	Course objective & course outcomes are achieved in the syllabus.	83	38	11	0	132
3.	Professional and open Electives offered are supportive to the core papers.	102	23	7	0	132
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	107	18	7	0	132
5.	Profundity of the course content in the syllabus.	87	33	12	0	132
6.	Exact Sequence of the courses provided in the curriculum	89	32	11	0	132
7.	Syllabus coverage in class by the teaching faculty	105	17	10	0	132
8.	Faculty Encouragement in learning process	105	17	10	0	132
9.	Teaching and learning process enables clear understanding of the course content.	93	28	11	0	132
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	86	29	9	8	132
11.	Availability of library resources in central and departmental library.	95	23	14	0	132



12.	Reliability of Assessment and Evaluation Process.	94	29	8	0	131
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	83	35	14	0	132
14.	Curriculum has ability to develop Entrepreneurship and Employability.	97	30	5	0	132

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	73.4	16.6	7.5	2.2	100
2.	Course objective & course outcomes are achieved in the syllabus.	62.8	28.78	8.33	0	100
3.	Professional and open Electives offered are supportive to the core papers.	77.2	17.42	5.3	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	82.06	13.6	5.3	0	101
5.	Profundity of the course content in the syllabus.	65.9	25	9	0	100
6.	Exact Sequence of the courses provided in the curriculum.	67.4	24.2	8.3	0	100
7.	Syllabus coverage in class by the teaching faculty.	79.5	12.8	7.5	0	100
8.	Faculty Encouragement in learning process.	79.5	12.8	7.5	0	100



9.	Teaching and learning process enables clear understanding of the course content.	70.45	21.2	8.3	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	65.1	21.9	6.8	6	100
11.	Availability of library resources in central and departmental library.	71.9	17.4	10.6	0	100
12.	Reliability of Assessment and Evaluation Process.	71.2	23	6	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	62	27	11	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	73.4	23	3.7	0	100

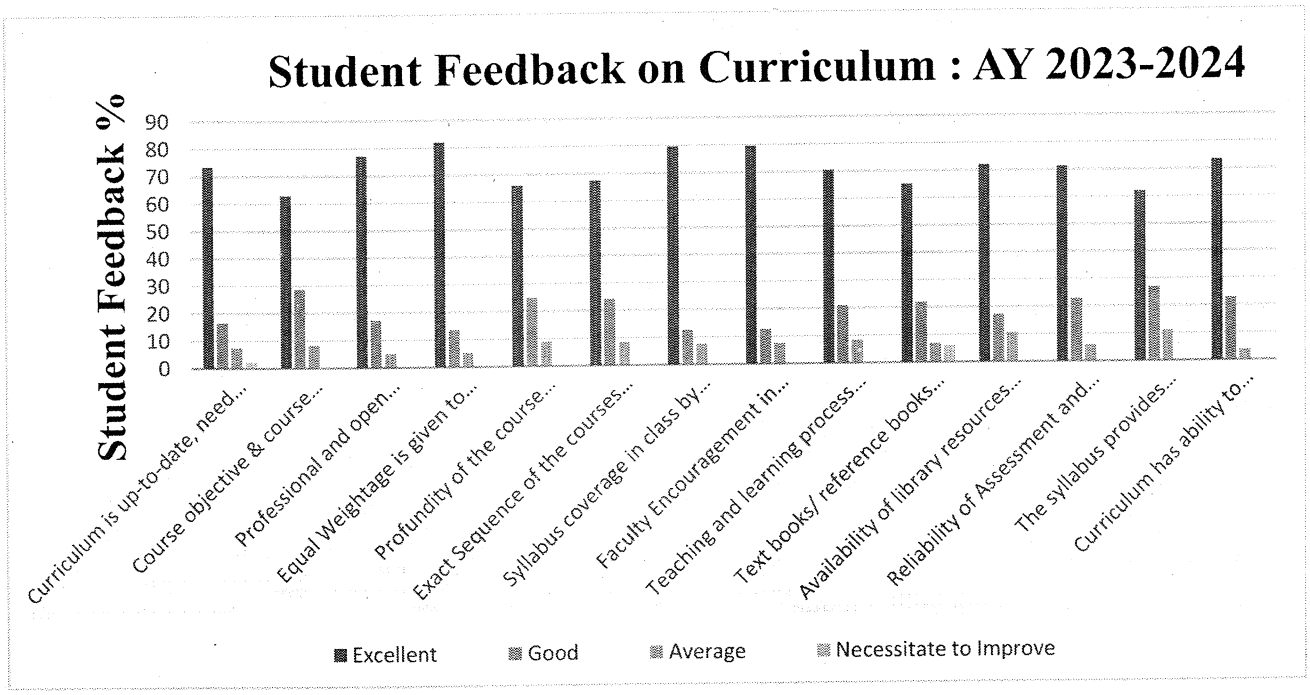
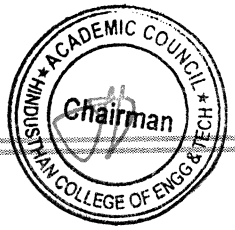


Fig.1. Student Feedback on Curriculum



Report

The student response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need-based and application oriented" scored 73.4% 16.6% 7.5% 2.2% as excellent, good. Average and needs to improve respectively.
- "Course objective & course outcomes are achieved in the syllabus" scored 62.8, 28.78 and 8.33% as excellent, good, and average respectively.
- "Professional and open Electives offered are supportive to the core papers" scored 77.2, 17.42 and 5.3 as excellent, and good respectively.
- "Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content." scored 3 82.06, 13.6 and 5.3 as excellent, good and average respectively.
- "Profundity of the course content in the syllabus", scored 65.9, 25 and 9 as excellent, good and average respectively.
- "Exact Sequence of the courses provided in the curriculum." scored 67.4, 24.2 and 8.3 as excellent, good and average respectively.
- "Syllabus coverage in class by the teaching faculty" scored 79.5, 12.8 and 7.5 as excellent and good respectively.
- "Faculty Encouragement in learning process" scored 74%, and 26% as excellent, good and average respectively.
- "Teaching and learning process enables excellent, good and average and good respectively.
- "Text books/ reference books /e content recommended in the syllabus are relevant and updated" scored 64%, and 36% as excellent and good respectively.
- "Availability of library resources in central and departmental library." scored 71.9%, 17.4% and 10.6% as excellent, good and average respectively.
- "Reliability of Assessment and Evaluation Process" scored 71.2% , 23% and 6% as excellent, good and average respectively.
- "The syllabus provides sufficient knowledge & perspective in the respective branch." scored 62%, 27% and 11% as excellent, good and average respectively.
- "Curriculum has ability to develop Entrepreneurship and Employability." 73.4%, 23% and 3.7% as excellent, good and average respectively.

Suggestions

- ✓ Ms. Amirthaa R R suggested to provide more group assessment-based assignments.
- ✓ Mr. Dhanush suggested that updating the content to reflect current industry trends .

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B.Tech- FOOD TECHNOLOGY

SYLLABUS REVISION BASED STAKEHOLDERS' SUGGESTION

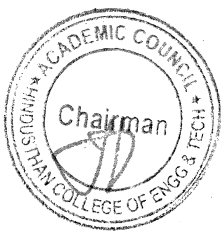
EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

B.TECH - FOOD TECHNOLOGY

Syllabus Revision based Stakeholders suggestion -AY 2023-2024 (EVEN)

Stakeholders	Stakeholders' suggestion	Course code & Name	Percentage of Revision (%)	Action Taken
Subject Expert	Include topics relevant to membrane separation and distillation	22FT4002 - Unit Operations in Food Processing Laboratory	20%	Included of topic in unit II, III
Faculty	Changes in experiment VII, VIII, were suggested	22FT4203 - Unit Operations in Food Processing Laboratory	20%	Changes in experiment VII, VIII were implemented.
Faculty	Change of title from Biochemistry to **Food Biochemistry and Nutrition-22FT2252** New portions were included in all the units	22FT2252 – Food Chemistry and Nutrition	70%	Changes in unit I, II and III



Programme	Course code	Name of the course	L	T	P	C
B.TECH.	22FT----	FOOD BIOCHEMISTRY AND NUTRITION	2	0	2	3

Course Objective

The student should be able

1. To understand the digestion, absorption and metabolic pathways of biomolecules
2. To recognize the biochemical changes in processing of milk and muscle foods
3. To summarize the biochemical changes in fruits, vegetables and cereal processing
4. To classify the enzymes. roles and activity in food production
5. To categorize the nutrients for different age groups and sports people

Unit	Description	Instructional Hours
I	**Metabolism of Biomolecules:** Digestion and absorption of carbohydrates, fatty acids and proteins; Glycolysis (EMP) pathway, CORI's cycle, Energy yield from glycolysis, TCA cycle – Energetics, HMP/PP pathway, Gluconeogenesis; Synthesis of TAG's, adipose tissue, cholesterol biosynthesis, Urea cycle. **Estimation of proteins by Biuret and Lowry's method.**	9+2=11
II	**Biochemistry of Milk and Muscle Foods**: Lactose -properties and derivatives; Heterogeneity and molecular properties of milk proteins; Lipid oxidation in milk; Biochemical changes in cheese during ripening, Factors affecting biochemical characteristics of meat, Proteolysis, Glycolysis and Lipolysis of meat products, Oxidative reactions; Biochemical changes in seafood storage. **Estimation of oxidative rancidity of food products.**	9+2=11
III	**Biochemistry of Fruits, Vegetables and Cereals:** Biochemical changes in fruits – ripening and softening; Biosynthesis of isoprenoids, anthocyanins and ester volatiles; Biochemistry of minimally processed vegetables; Synthesis of starch, Biochemical changes in beer fermentation. **Estimation of starch by anthrone method, Estimation of anthocyanins in fruits and vegetables.**	9+5=14
IV	**Enzymes in Food Processing:** Enzyme classification – common enzymes in food industry – Enzyme inhibition – Enzyme kinetics – Michaelis-Menten – Lineweaver-Burk plots, Eadie-Hofstee plots, Hanes-Wolf plots, Eisenthal-Cornish-Bowden plots; Factors affecting enzyme activity – enzyme, substrate and cofactor concentration, pH, and temperature; Enzyme immobilization; Enzymes in food manufacture. **Effect of pH and temperature on enzyme Amylase activity.**	9+2=11
V	**Food and Nutrition:** Food as a source of nutrition. Nutrition in phytochemicals and non-nutrient components, Nutrigenomics, Nutritional disorders – overweight, underweight and obesity, CVD, diabetes, inborn errors of metabolism, Nutritional requirements for infants, preschool and school children, adolescence, geriatric, sports and fitness, adults, pregnancy and lactation. **Estimation of total antioxidant activity. Qualitative phytochemical screening of nutraceuticals in foods.**	9+4+ 13
	Total Instructional Hours	45+15=60

Course Outcome

- CO1 Explain the digestion, absorption and metabolic pathways of biomolecules
- CO2 Interpret the biochemical changes in processing of milk and muscle foods
- CO3 Identify the biochemical changes during processing of fruits, vegetables and cereals
- CO4 Apply the specific enzymes for processing and preservation of food products
- CO5 Recommend a required nutrition for different age group people

TEXT BOOK:

- T1 Benjamin K. Simpson. Food Biochemistry and Food Processing. Edition -2, Wiley-Blackwell Publication, 2012.
- T2 Nelson DL and Cox MM. Lehninger Principles of Biochemistry. Edition – 7, WH. Freeman Company, 2017.
- T3 Shubhangini A.J. Nutrition and Dietetics. Edition – 4, McGraw Hill Education, 2015.

REFERENCES:

- R1 Fatih Yildiz. Advances in Food Biochemistry. CRC Press, 2010.
- R2 Jain J.L., Sunjay Jain and Nitin Jain. Fundamentals of Biochemistry, S. Chand & Co, 2008.
- R3 Finely, John, W.W., Jeffrey Hurst and Chang Yong Lee. Principles of Food Chemistry, Springer, 2018.

Chairman, Board of Studies **Dean – Academics**

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Programme	Course Code	Name of the Course	L	T	P	C
B.TECH.	22FT4203	UNIT OPERATIONS IN FOOD PROCESSING	3	0	0	3

Course Objectives

The student should be able to

- understand and remember the concept of food processing and also to know the mechanisms
- Familiarize with operational skill of equipment and imparting knowledge on entrepreneurship.
- Impart knowledge on different unit operations and its significance in food Industry.

UNIT	DESCRIPTION	INSTRUCTIONAL HOURS
I	**SIZE REDUCTION:** Fibrous foods, Dry foods and Liquid foods – Energy Used in Grinding. New Surface Formed by Grinding. Grinding and Cutting equipment - Crushers, Hammer mills, Fixed head mills, Ball mills, Plate mills and Roller mills. Cutters - Slicers, Dicers, Shredder and Pulper. Size reduction in liquids	8
II	**MECHANICAL AND MEMBRANE SEPARATION:** Sedimentation in liquids - Gravitational sedimentation – Floatation - Sedimentation of particles in gas, settling under combined forces. Centrifugal separation – Velocity of particles – Radius of neutral zone – Equipment. Filtration – Constant rate and Constant pressure filtration – Equipment: plate and frame filter press, rotary filters, centrifugal filters, air filters. **Membrane Separation:** osmotic pressure, ultra filtration, reverse osmosis, rate of flow through membranes.	10
III	**CRYSTALLIZATION AND DISTILLATION:** Crystallization Equilibrium – Nucleation – Meta stable region – Seed Crystals. Heat of Crystallization - Rate of crystal growth. Stage equilibrium crystallization. Equipment - Types – Applications. **Distillation:** Distillation process - binary mixtures - flash and differential distillation- steam distillation - theory - consumption - continuous distillation with rectification - vacuum distillation - batch and fractional distillation - operation and process - advantages and limitations	9
IV	**MIXING:** Characteristics of mixtures. Measurement of mixing - sample size, sample composition. Particle mixing and Liquid Mixing - mixing index. Mixing of different quantities. Rate of Mixing and Energy Input in Mixing. Mixing equipment - Liquid Mixers, Powder and Particle Mixers, Dough and Paste Mixers.	9
V	**EXTRUSION**: Theory – Rheological properties, and Operating Characteristics. Extrusion system components, Types of Extrusion - Single and Twin-screw extruders- Ancillary Equipment - Applications and Effects on Foods. **Material handling**: Types of handling and conveying system for food products - Belt conveyor, screw conveyor, bucket elevator and pneumatic conveyor.	9
	Total Instructional Hours	**45**

Course Outcomes

Upon completion of the course, students can be able to

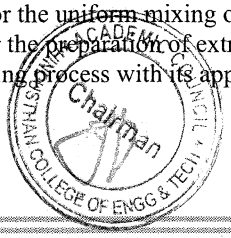
CO1 - Understand and apply the size reduction techniques to convert solids and liquids into uniform particles

CO2 - Understand and apply the mechanical separation process like sedimentation, centrifugation, and filtration to separate solids, liquids and gas in food processing

CO3 - Understanding the mechanism of crystallization process and applying the principles of crystallization for the production of crystals

CO4 - Applying mixing equipment for the uniform mixing of solids, semi solids and liquids

CO5- Apply the extrusion process for the preparation of extruded products and its texture analysis and understanding the material handling process with its application.



Total: 45 Hours

TEXT BOOKS:

1. Fellows P.J., —Food processing Technology: Principles and Practice‖, 3rd Edition, Woodhead Publishing Ltd., New Delhi, 2009
2. Earle R.L., —Unit Operations in Food Processing‖, Web Edition, Pergamon Press, UK, 2004.

REFERENCES BOOKS:

1. James G Brennan, —Food Processing Handbook‖, 2nd Edition, Wiley VCH, Weinheim, 2011.
2. Paul Singh R and Dennis R. Heldman, —Introduction to Food Process Engineering‖, 5th Edition, Academic Press, USA, 2014
3. Sahay K.M. and Singh K.K., —Unit Operations of Agricultural Processing‖, 2nd Edition, Vikas Publishing House Pvt. Ltd., New Delhi, 2012.
4. Albert Ibarz and Gustavo V. Barbosa-Cánovas. Unit Operations in Food Engineering. CRC Press, Boca Raton, FL, USA.2003

Chairman, Board of Studies

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HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★
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Programme	Course Code	Name of the Course	L	T	P	C
B.TECH.	22FT4002	UNIT OPERATIONS IN FOOD PROCESSING LABORATORY	0	0	4	2

Course Objectives

- To understand the practical knowledge about the engineering concepts of food materials

S.No.	DESCRIPTION
1.	Determination of size, roundness, sphericity and 1000 grain weight of food grains
2.	Determination of bulk density, true density, porosity, angle of repose for grain sample, and coefficient of friction for grain sample
3.	Determination of separation efficiency of centrifugal separator
4.	Determination of collection efficiency in cyclone separator
5.	Determination of efficiency of liquid solid separation by filtration
6.	Determination of particle size of granular foods by sieve analysis
7.	Experiment on extrusion and quality analysis of extruded products
8.	Determination of efficiency of colloid mill used to reduce the particle size of a solid in suspension in a liquid
9.	Determination of energy requirement in size reduction using hammer mill/ball mill
10.	Performance evaluation of a steam distillation process
11.	Experiment on paddy dehusker to determine the shelling efficiency
12.	Determination of conveying efficiency and power requirement of screw conveyor
13.	Determination of conveying efficiency of bucket elevator

Total Practical Hours 30

Course Outcomes

Upon completion of the course, students can be able to

CO1 - Understand the Engineering mechanisms of equipment and properties of foods
CO2 - Understand the separation and collection efficiency in different separators.
CO3 - Apply various mills for the size reduction of food materials into different sizes.
CO4 - Analyze the performance of different mills and distillation equipment.
CO5 - Analyze the conveying efficiency of screw conveyors and bucket elevators for designing equipment.

REFERENCES BOOKS:

R1 1. James G Brennan, —Food Processing Handbook‖, 2nd Edition, Wiley VCH, Weinheim, 2011.

R2 2. Paul Singh R and Dennis R. Heldman, —Introduction to Food Process Engineering‖, 5th Edition, Academic Press, USA, 2014

R3 3. Sahay K.M. and Singh K.K., —Unit Operations of Agricultural Processing‖, 2nd Edition, Vikas Publishing House Pvt. Ltd., New Delhi, 2012.

R4 4. Albert Ibarz and Gustavo V. Barbosa-Cánovas. Unit Operations in Food Engineering. CRC Press, Boca Raton, FL, USA.2003

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Hindusthan College of Engineering and Technology

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B.TECH- FOOD TECHNOLOGY

EMPLOYER FEEDBACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

B.Tech-Food Technology

Employer Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Employers Response						
1	Quality of the Curriculum & Syllabus	5	6	4	0	15
2	Implementation of Outcome Based Education	6	9	0	0	15
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	5	8	2	0	15
4	Offered Courses related to Industry/employability	7	8	0	0	15
5	Competencies/outcomes in relation to the course content	8	7	0	0	15
6	Tools used for designing the experiments in terms of existing practices in the industries	4	11	0	0	15
7	Curriculum offers a range of professional and open electives/value-added courses	6	9	0	0	15
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	10	0	0	15

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	33	40	27	0	100
2	Implementation of Outcome Based Education	40	60	0	0	100

3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	33	53	13	0	100
4	Offered Courses related to Industry/employability	47	53	0	0	100
5	Competencies/outcomes in relation to the course content	53	47	0	0	100
6	Tools used for designing the experiments in terms of existing practices in the industries	27	73	0	0	100
7	Curriculum offers a range of professional and open electives/value-added courses	40	60	0	0	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	33	67	0	0	100

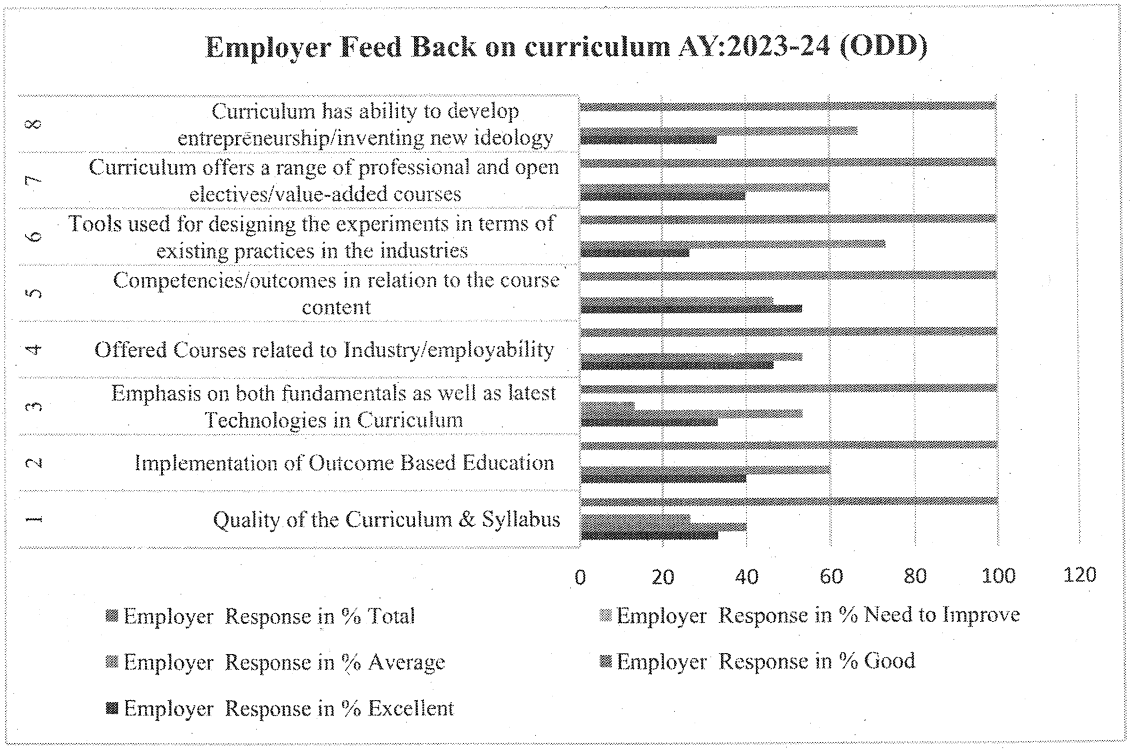

Fig.1. Employer Feedback on Curriculum

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REPORT

The Employer response to feedback on the curriculum was given below

- "Quality of the Curriculum & Syllabus" scored 63%, and 38% as excellent, and good respectively.
- "Implementation of Outcome Based Education" scored 63%, and 38% as excellent, and good respectively.
- "Emphasis on both fundamentals as well as latest Technologies in Curriculum" scored 63%, and 38% as excellent, and good respectively.
- "Offered Courses related to Industry/employability" scored 63%, and 38% as excellent, and good respectively.
- "Competencies/outcomes in relation to the course content" scored 38%, and 63% as excellent, and good respectively.
- "Tools used for designing the experiments in terms of existing practices in the industries" scored 25%, 38%, and 25% as excellent, good, and average respectively.
- "Curriculum offers a range of professional and open electives/value-added courses" scored 100 % as excellent.
- "Curriculum has ability to develop entrepreneurship/inventing new ideology" scored 50%, and 50% as excellent, and good respectively.

Suggestions

- ✓ Mr. Muhammed Sheriff suggested to include audit course content in the syllabus.
- ✓ Mr. Arun Viswanathan suggested that courses related to include topics related to food supply chain.

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B.TECH- FOOD TECHNOLOGY

PARENT FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

B.Tech-Food Technology

Alumini Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parent Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
Parent Response						
1.	Syllabus content of the course which encourage the students self-learning.	35	15	5	0	55
2.	Teaching Faculty treat the students equally irrespective of the background	42	10	3	0	55
3.	Transparency of the evaluation system followed by the Institution	34	17	4	0	55
4.	Infrastructure and Lab Facility available to support the curriculum.	30	10	15	0	55
5.	Availability of the text and reference books in Central and Department library.	23	20	12	0	55

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	64	27	9	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	76	18	5	0	100

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3.	Transparency of the evaluation system followed by the Institution	62	31	7	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	55	18	27	0	100
5.	Availability of the text and reference books in Central and Department library.	42	36	22	0	100

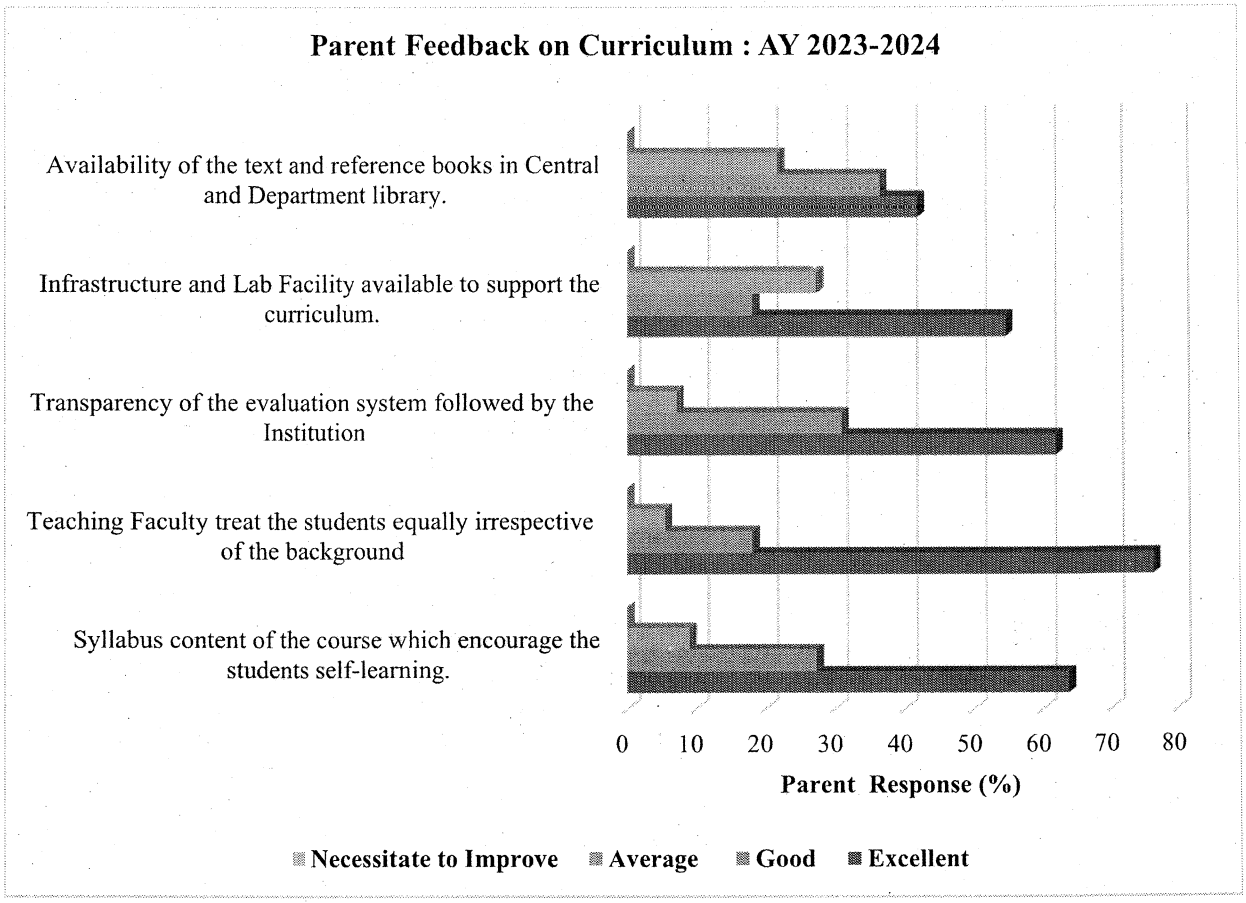

Fig.1. Parent Feedback on Curriculum

REPORT

The Parent response to feedback on the curriculum was given below

- "Syllabus content of the course which encourages the students self-learning" scored 64 %, 28%, and 8% as excellent, good, and average respectively.

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- "Teaching Faculty treat the students equally irrespective of the background" scored 84%, and 16% as excellent, and good respectively.
- "Transparency of the evaluation system followed by the Institution" scored 64%, and 36% as excellent, and good respectively.
- "Infrastructure and Lab Facility available to support the curriculum." scored 58 %, 16%, and 26% as excellent, good, and average respectively.
- "Availability of the text and reference books in Central and Department library" scored 48 %, 38%, and 14% as excellent, good, and average respectively.

Suggestions

- ✓ Mr. Sekar suggested to increase the number of text books in the department library.
- ✓ Mr. Shanmugam suggested to conduct co-curricular activities related to placements .

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B.TECH- FOOD TECHNOLOGY

ALUMINI FEED BACK ANALYSIS

EVEN SEMESTER

ACADEMIC YEAR: 2023-2024

Table.2. Consolidated Alumini Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	56	37	6	0	100
2.	Regulations and Scheme of Examination	73	27	0	0	100
3.	Semester-wise course content	77	23	0	0	100
4.	Content Delivery, Methodology & Learning Resources	73	27	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	77	23	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	84	16	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	53	47	0	0	100

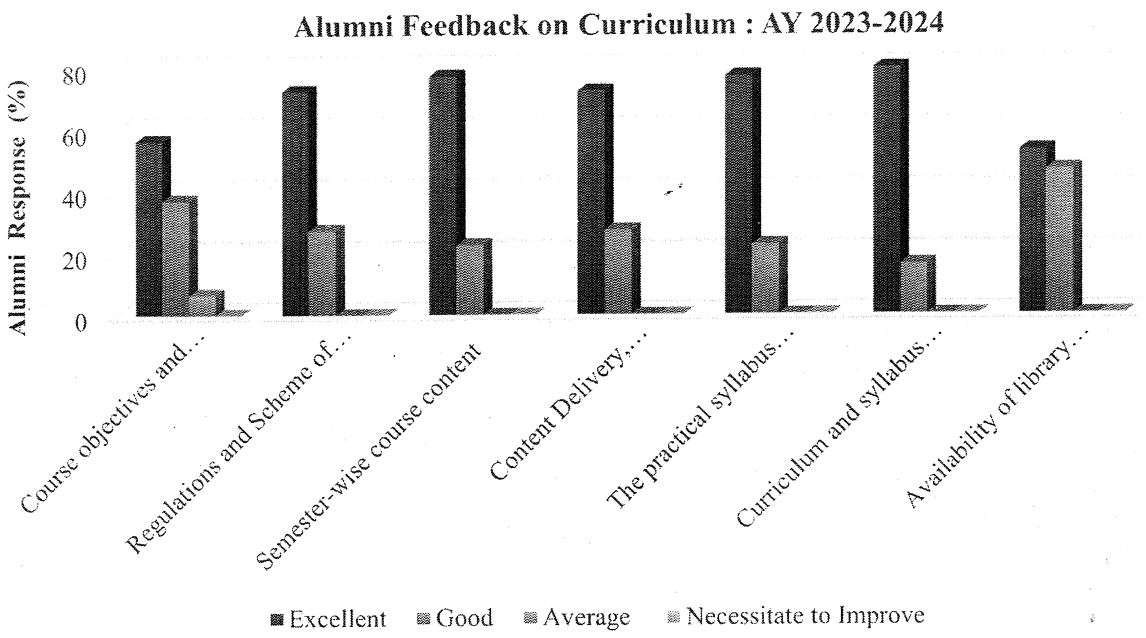

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below

- "Course objectives and outcome of the syllabus are clearly defined" scored 56% 37% and 6% as excellent, good and average respectively.
- "Regulations and Scheme of Examination" scored 73%, and 27% as excellent, and good respectively.
- "Semester-wise course content" scored 77 %, and 23 % as excellent, and good respectively.
- "Content Delivery, Methodology & Learning Resources" scored 73%, and 27% as excellent and good respectively.
- "The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students" scored 77%, and 23% as excellent, and good respectively.
- "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship." scored 84%, and 16% as excellent, good respectively.

Chairman

- ❖ "Availability of library resources supports Text and Reference Books suggested to study" scored 53%, and 47% as excellent, and good respectively.

Suggestions

- ✓ Mr. Machavarappu Dharshit Kumar proposed to conduct guest lectures on advanced courses in the field.
- ✓ Ms. Sowmiya suggested to conduct more virtual labs on simulation.

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B.Tech – INFORMATION TECHNOLOGY

SYLLABUS REVISION BASED STAKEHOLDERS' SUGGESTION

EVEN SEMESTER

Academic Year : 2023-2024

B.Tech-Information Technology

Syllabus Revision based Stakeholders suggestion -AY 2023-2024 (EVEN)

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Faculty/ BOS Members	Members suggested to update/remove few topics in Operating system	21IT6251 - CRYPTOGRAPHY AND NETWORK SECURITY	40	Few syllabus content removed/updated and implemented in AY of 23-24
		21IT6181 & SOFTWARE PROJECT MANAGEMENT	20	Few syllabus content removed/updated and implemented in AY of 23-24

Programme	Course code	Name of the course	L	T	P	C
B.TECH.	21IT6251	CRYPTOGRAPHY AND NETWORK SECURITY	3	0	2	4

Course Objective

The student should be able

1. Understand the basic concept of OSI Security Architecture and ClassicalEncryption Techniques.
2. Identify the concept of Symmetric and Asymmetric Ciphers.
3. To learn how to understand the Hash Functions and Digital Signature.
4. To provide Symmetric and Asymmetric Algorithms related to Cryptography.
5. To apply the Security Applications in the field of Internet Security Protocols

Unit	Description	Instructional Hours
I	**INTRODUCTION AND SYMMETRIC CIPHERS** Computer Security Concepts - The OSI Security Architecture - Security attacks, services and mechanisms – A Model for Network Security– Classical Encryption Techniques (Substitution Techniques, Transposition Techniques, Steganography).	9
II	**SYMMETRIC AND ASYMMETRIC CIPHERS** Fermat's and Euler's Theorems - The Chinese Remainder Theorem – DES – AES - Block Cipher Modes - Public Key Cryptography and RSA ~~– Other Public-Key Cryptosystems.~~	10
III	**AUTHENTICATION AND HASH FUNCTION** Cryptographic Hash Functions - Applications of Cryptographic Hash Functions - Hash Functions Based on Cipher Block Chaining - Secure Hash Algorithm (SHA)- Message Authentication Codes - Message Authentication Requirements -Message Authentication Functions - MACs Based on Hash Functions: HMAC ~~– Digital Signatures.~~	9
IV	**MUTUAL TRUST** Key Management and Distribution: Symmetric Key Distribution Using Symmetric Encryption, Asymmetric Encryption - Distribution of Public Keys - X.509 Certificates ~~– Public Key Infrastructure User Authentication Protocols:Remote User~~	9
V	**NETWORK AND INTERNET SECURITY PROTOCOLS** Basic Concepts, Secure Sockets Layer (SSL), - Transport Layer Security (TLS) - HTTPS - Secure Shell (SSH) –Electronic mail Security: Pretty Good Privacy (PGP) - S/MIME ~~–IP SECURITY~~	8
	Total Instructional Hours	45

S.No	List of Experiments
1	Program for Encryption and Decryption using the following Substitution Techniques(i) Ceaser cipher, (ii) Playfair cipher iii) Hill Cipher
2	Program for DES and RSA algorithm for practical applications.
3	To Calculate the message digest of a text using the SHA-1 algorithm
4	Demonstrate intrusion detection system (ids) using any tool e.g. Snort or any other s/w.
5	Defeating Malware Function: i) Building Trojans ii) Rootkit Hunter
	Total Instructional Hours 15

Course Outcome

The student will be able to:

- CO1 Classify the Symmetric Encryption Techniques
- CO2 Identify the methods used in Symmetric and Asymmetric Ciphers key algorithm.
- CO3 Evaluate security mechanisms, hash functions and digital signature.
- CO4 Summarize the intrusion detection and its solutions to overcome the attacks.
- CO5 Apply Network and Internet security protocols

TEXT BOOK:

T1 William Stallings, "Cryptography and Network Security: Principles and Practice" , Pearson Publication, (7th Edition), 2017.

T2 Behrouz Forouzan, Debdeep Mukhopadhyay, "Cryptography and Network Security", Tata McGraw Hill Publication, (3rd Edition), 2015.

REFERENCES:

R1 Atul Kahate, — "Cryptography and Networ Security", Tata McGraw Hill Publication, 2019.

R2 Charles P fleeger, Shari Lawrence P fleeger, Jonathan Margulies, "Security in computing" ,Pearson Publication, 2018.

R3 Roberta Bragg, Mark Rhodes Ousley, Keith Strassberg, — "Network Security: The Complete Reference", McGraw Hill Publication, 2017.

R4 Kaufman, Perlman and Speciner, " Network Security: Private Communication in a public world", Pearson Publication, 2016.

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Programme	Course code	Name of the course	L	T	P	C
B.TECH.	21IT6181	SOFTWARE PROJECT MANAGEMENT	3	0	0	3

Course Objective

The student should be made to

1. Develop an awareness of the need for project planning and management.
2. Learn the concepts on project management and evaluation.
3. Plan and monitor projects for the risk management.
4. Learn about project monitoring and control mechanisms.
5. Manage people and organization of teams.

Unit	Description	Instructional Hours
I	**MANAGEMENT** Project Definition - Importance of Software Project Management – Activities ~~Methodologies~~-Categorization of Software Projects - Setting Objectives – Management - ~~Management Control~~ – Management Control – Stepwise: An Overview of Project Planning.	9
II	**~~PROGRAM MANAGEMENT AND PROJECT EVALUATION~~** **PROJECT EVALUATION AND PROGRAMME MANAGEMENT** A business case - Project portfolio management - Evaluation of individual projects - Cost-benefit evaluation techniques - Programme management - Managing the allocation of resources within programmes - ~~Strategic Programme Management~~ - Creating a programme - Aids to programme management - Benefits management.	9
III	**ACTIVITY PLANNING AND RISK MANAGEMENT** Objective(s) – Project Schedule – Sequencing and Scheduling Activities – Network Planning Models-Forward Pass -Backward Pass – Critical Path – Activity Float – Shortening Project Duration –Activity on Arrow Networks - Risk management - Risk identification, assessment, planning- ~~Management~~ - Evaluating risks to the schedule.	9
IV	**MONITORING , CONTROL AND MANAGING CONTRACTS** Creating Framework – Collecting the Data – Visualizing Progress – Cost Monitoring – Earned Value Analysis– Prioritizing Monitoring – Getting Project Back to Target – Change Control – Managing Contracts - Introduction – Types of Contract – Stages in Contract Placement – Typical Terms of a Contract–Contract Management – Acceptance.	9
V	**MANAGING PEOPLE AND ORGANIZING TEAMS** Introduction – Understanding Behavior – Organizational Behavior: A Background – Selecting the Right Person for The Job – Instruction in The Best Methods – Motivation – The Oldman – Hackman Job Characteristics Model – Working in Groups – Becoming a Team – Decision Making – Organizational Structures	9
	Total Instructional Hours	45

Course Outcome

Upon Completion of the course, the student will be made to

CO1	Construct and realize software design or software deployment.
CO2	Develop a budget, schedule or work plan
CO3	Apply cost monitoring and control strategies for software projects.

CO4 Understand the interdependencies between the processes of the system

CO5 Outline the organizational behaviour of people working in teams.

TEXT BOOK:

T1 Bob Hughes, Mikecotterell, 'Software Project Management', Tata McGraw Hill,Sixth edition, 2017

T2 Adolfo Villafiorita, 'Introduction to Software Project Management', CRC Press,2014.

REFERENCES:

R1 Murali k. chemuturi, Thomas M. cagly, 'Mastering Software Project Management,- Best Practices Tools and Techniques', 2010

R2 Richard E. Fairly, —'Managing and Leading Software Projects', Weilly and Sons, 2009

R3 Jalote, —'Software Project Management in Practice', Pearson Education, 2014

R4 Ashfaque Ahmed, 'Software Project Management Process Driven Approach, Auerbach Publications, 2011

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B.Tech - INFORMATION TECHNOLOGY

STUDENT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Student Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Students Feedback report on curriculum

S. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented.	69	12	3	2	86
2.	Course objective & course outcomes are achieved in the syllabus.	71	9	6	0	86
3.	Professional and open Electives offered are supportive to the core papers.	70	15	1	0	86
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	70	8	8	0	86
5.	Profundity of the course content in the syllabus.	60	17	5	4	86
6.	Exact Sequence of the courses provided in the curriculum	66	17	3	0	86
7.	Syllabus coverage in class by the teaching faculty	77	2	7	0	86
8.	Faculty Encouragement in learning process	78	4	3	1	86
9.	Teaching and learning process enables clear understanding of the course content.	74	5	5	2	86
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	65	15	4	2	86
11.	Availability of library resources in central and departmental library.	64	8	10	4	86
12.	Reliability of Assessment and Evaluation Process.	67	12	4	3	86

13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	66	8	10	2	86
14.	Curriculum has ability to develop Entrepreneurship and Employability.	52	19	14	1	86

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	80	14	3	2	100
2.	Course objective & course outcomes are achieved in the syllabus.	83	10	7	0	100
3.	Professional and open Electives offered are supportive to the core papers.	81	17	1	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	81	9	9	0	100
5.	Profundity of the course content in the syllabus.	70	20	6	5	100
6.	Exact Sequence of the courses provided in the curriculum.	77	20	3	0	100
7.	Syllabus coverage in class by the teaching faculty.	90	2	8	0	100
8.	Faculty Encouragement in learning process.	91	5	3	1	100
9.	Teaching and learning process enables clear understanding of the course content.	86	6	6	2	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	76	17	5	2	100

11.	Availability of library resources in central and departmental library.	74	9	12	5	100
12.	Reliability of Assessment and Evaluation Process.	78	14	5	3	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	77	9	12	2	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	60	22	16	1	100

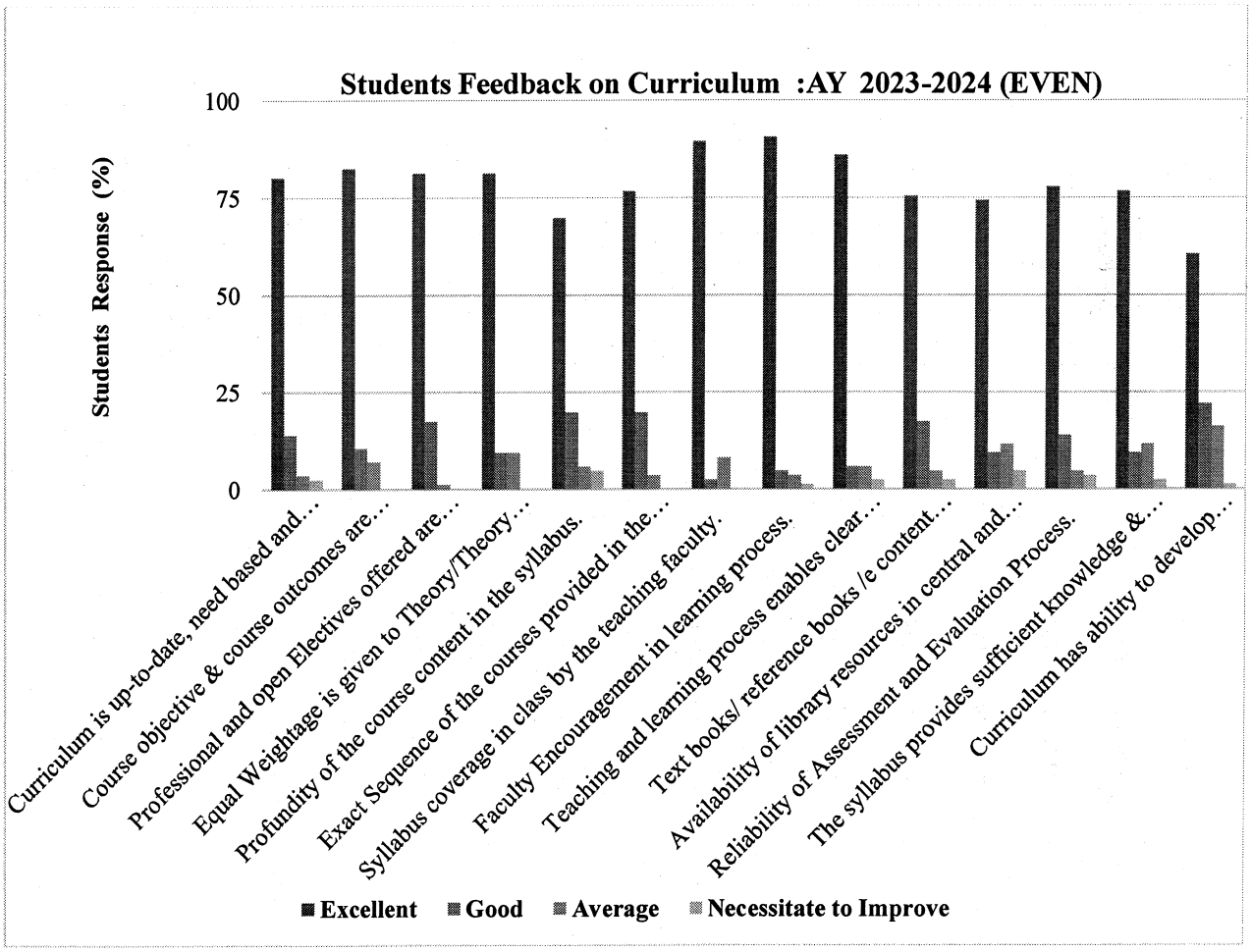

Fig.1. Student Feedback on Curriculum

REPORT

The Students response to feedback on the curriculum was given below:

1. Curriculum is up-to-date, need based and application oriented scored 80%, 14%, 3%, 2% as Excellent, good, average and necessitate to improve respectively.
2. Course objective & course outcomes are achieved in the syllabus scored 83%, 10% and 7% as Excellent, good and average respectively.
3. Professional and open Electives offered are supportive to the core papers scored 81% as excellent, 17% as good and 1% as average.
4. Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course scored 81% as excellent, 9% as good and 9% as average.
5. Profundity of the course content in the syllabus scored 70%, 20%, 6%, 5% as Excellent, good, average and necessitate to improve respectively.
6. Exact Sequence of the courses provided in the curriculum scored 77%, 20% and 3% as Excellent, good and average to improve respectively.
7. Syllabus coverage in class by the teaching faculty scored 90%, 2% and 8% as Excellent, good and average to improve respectively.
8. Faculty Encouragement in learning process scored 91% as excellent, 5% as good, 3% as average and 1% as necessity to improve.
9. Teaching and learning process enables clear understanding of the course content scored 86% as excellent, 6% as good, 6% as average and 2% as necessity to improve.
10. Text books/ reference books /e content recommended in the syllabus are relevant and updated scored 76% as excellent, 17% as good, 5% as average and 2% as necessity to improve.
11. Availability of library resources in central and departmental library scored 74% as excellent, 9% as good, 12% as average and 5% as necessity to improve.
12. Reliability of Assessment and Evaluation Process scored 78% as excellent, 14% as good, 5% as average and 3% as necessity to improve.
13. The syllabus provides sufficient knowledge & perspective in the respective branch syllabus scored 77%, 9%, 12% and 2% as Excellent, good, average and necessity to improve respectively.
14. Curriculum has ability to develop Entrepreneurship and Employability scored 60% as excellent, 22% as good, 16% as average and 1% as necessity to improve.

Suggestions by Students

1. Students suggested to introduce more lab sessions for programming language
2. Students suggested to change few lab experiments with new test cases in programming language
3. Students requested to allow industrial oriented projects and requested to grant permission to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

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B.Tech - INFORMATION TECHNOLOGY

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Alumni Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	20	9	3	0	32
2.	Regulations and Scheme of Examination	22	5	5	0	32
3.	Semester-wise course content	25	4	3	0	32
4.	Content Delivery, Methodology & Learning Resources	26	2	4	0	32
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	20	8	4	0	32
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	25	1	6	0	32
7.	Availability of library resources supports Text and Reference Books suggested to study	27	5	0	0	32

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	63	28	9	0	100
2.	Regulations and Scheme of Examination	69	16	16	0	100
3.	Semester-wise course content	78	13	9	0	100
4.	Content Delivery, Methodology & Learning Resources	81	6	13	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	63	25	13	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	78	3	19	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	84	16	0	0	100

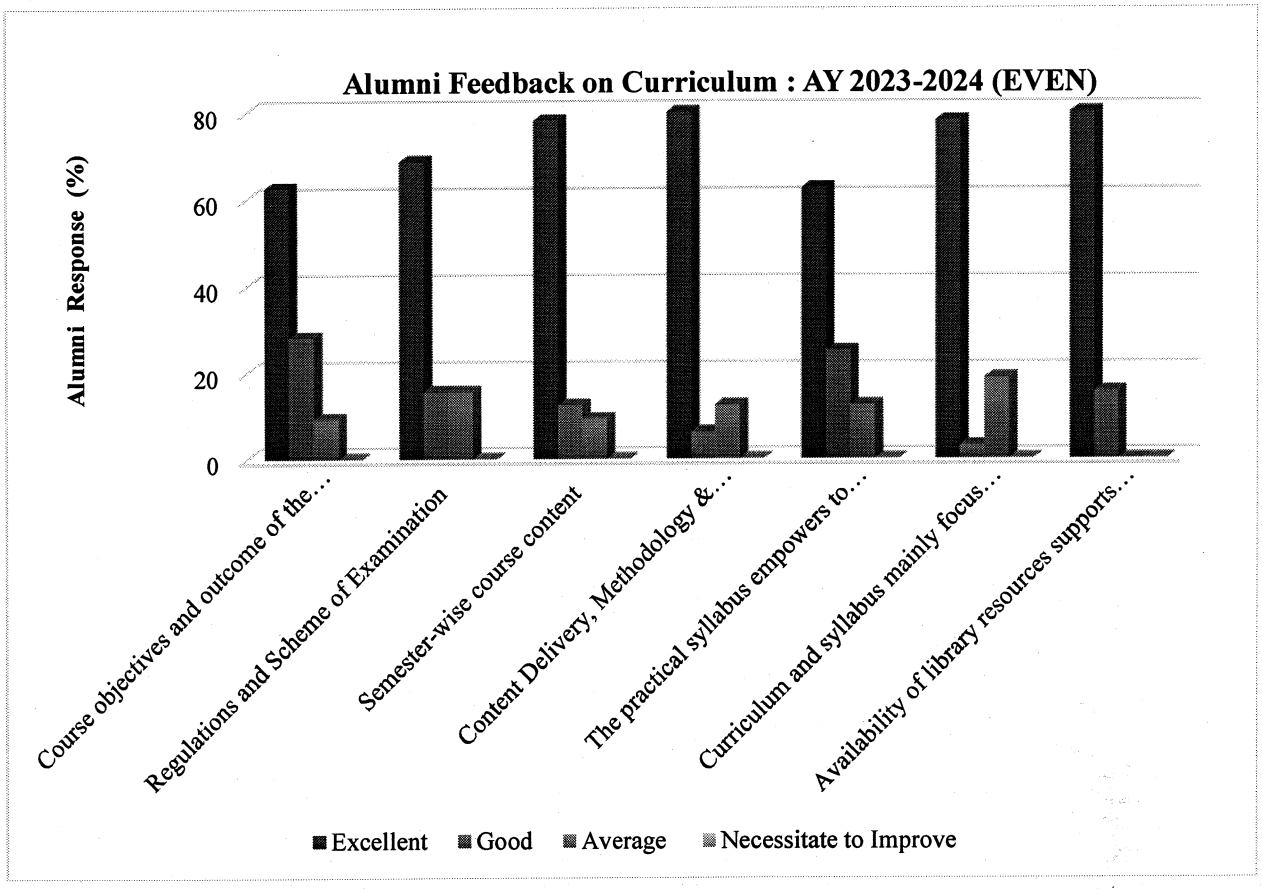

Fig.1. Alumni Feedback on Curriculum

REPORT

The Alumni response to feedback on the curriculum was given below:

1. Course objectives and outcome of the syllabus are clearly defined scored 63% as excellent, 28% as good and 9% as average.
2. Regulations and Scheme of Examination scored 69% as excellent, 16% as good and 16% as average.
3. Semester-wise course content scored 78%, 13%, 9% as excellent, good and average respectively.
4. Content Delivery, Methodology & Learning Resources scored 81%, 6%, 13% as excellent, good and average respectively.
5. The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students scored 63% as excellent, 25% as good and 13% as average.

6. Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship scored 78% as excellent, 3% as good and 19% as average.
7. Availability of library resources supports Text and Reference Books suggested to study scored 84% as excellent and 16% as good

Suggestions by Alumni

1. Students must be encouraged to do industrial oriented projects to have good exposure on latest trends and software.
2. Students must be allowed to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

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HINDUSTHAN ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG & TECH

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B.Tech - INFORMATION TECHNOLOGY

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Academic Expert Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	2	1	0	6
2.	Implementation of Outcome Based Education	3	1	1	1	6
3.	Quality of PEOs, POs and COs	2	2	1	1	6
4.	Regulations and Scheme of Examination	3	2	1	0	6
5.	Semester-wise course content	3	1	2	0	6
6.	Content Delivery, Methodology and Learning Resources	3	3	0	0	6
7.	Text and reference books proposed for study	3	1	2	0	6
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	1	0	6
9.	Question Paper Pattern and Standard (Blooms Level)	3	1	1	1	6
10.	Panel of Examiners	3	2	1	0	6

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	33	17	0	100
2.	Implementation of Outcome Based Education	50	17	17	17	100
3.	Quality of PEOs, POs and COs	33	33	17	17	100
4.	Regulations and Scheme of Examination	50	33	17	0	100
5.	Semester-wise course content	50	17	33	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	50	17	33	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	50	33	17	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	17	17	17	100
10.	Panel of Examiners	50	33	17	0	100

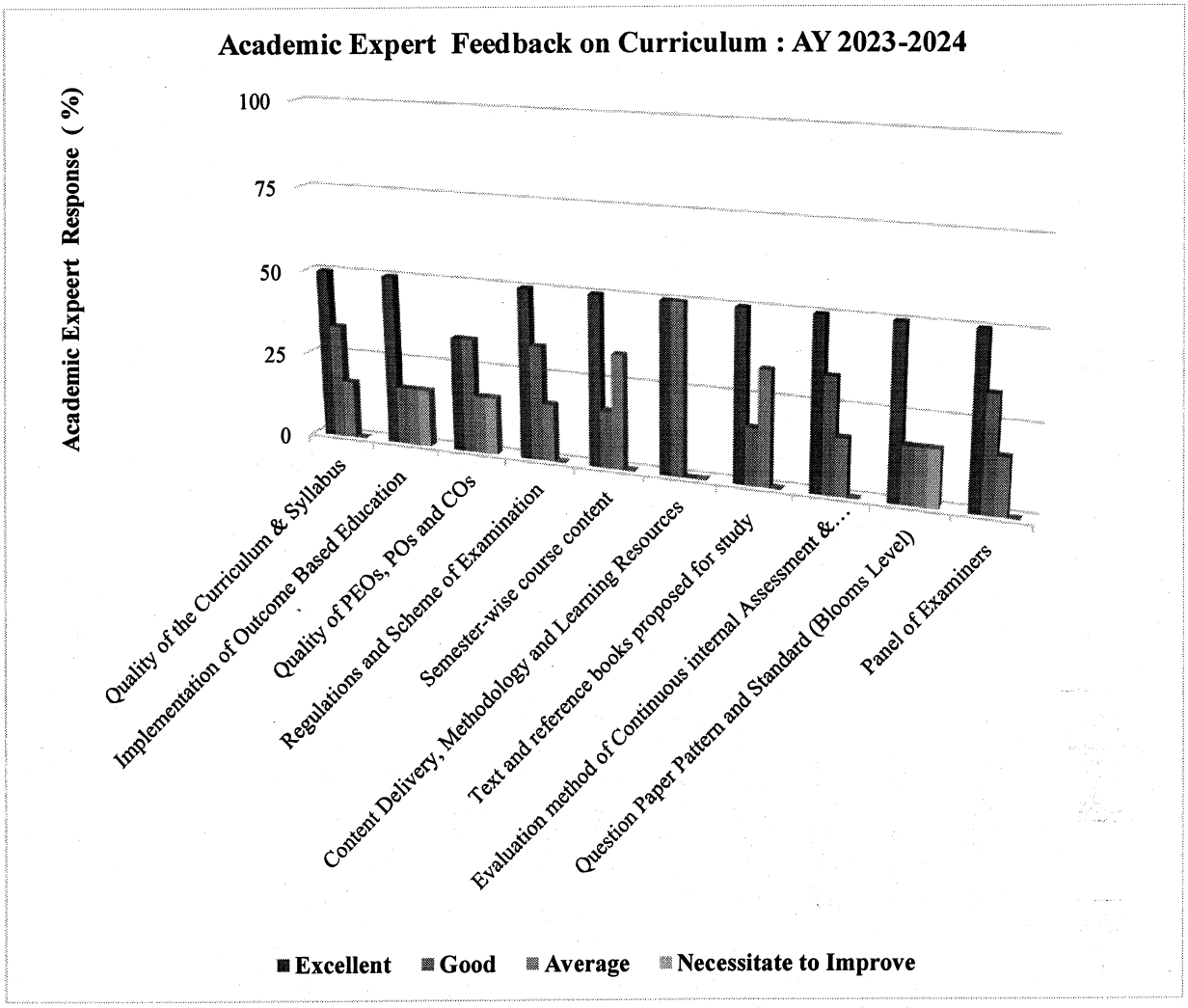

Fig.1. Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 33%, 17% as excellent, good, average respectively.
2. Implementation of Outcome Based Education scored 50% as excellent, 17% as good, 17% as average and 17% as necessitate to improve.
3. Quality of PEOs, POs and COs scored 33%, 33%, 17% and 17% as excellent, good, average and necessity to improve respectively.
4. Regulations and Scheme of Examination 50% as excellent, 33% as good, 17% as average.
5. Semester-wise course content scored 50%, 17%, 33% as excellent, good and average respectively.

6. Content Delivery, Methodology and Learning Resources scored 50% as excellent and 50% as good.
7. Text and reference books proposed for study scored 50%, 17%, 33% as excellent, good and average respectively.
8. Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks scored 50% as excellent, 33% as good and 17% as average.
9. Question Paper Pattern and Standard (Blooms Level) scored 50% as excellent, 17% as good, 17% as average and 17% as necessity to improve.
10. Panel of Examiners scored 50%, 33% and 17% as excellent, good and average respectively.

Suggestions by Expert members

- Expert suggested to update all the text books and reference books with latest edition and said to verify whether the syllabus is covered in the respective books.
- Board of Studies member requested to have courses like Recommended systems, Data visualization, Power BI, Tableau in the curriculum so as to train students and they would be updated in latest industrial courses and also suggested to include NPTEL courses in curriculum so that students can learn more through videos and it would be very beneficial for the students placements.
- All member insisted to concentrate more on programming language's and recommended to have few value added courses on programming language to update the students and make students to have good knowledge on programming languages and also recommended to insist the importance of cyber security to the students and also insisted to explain the exposure of cyber security area to students.
- Expert suggested to have industrial internship or mini project in the fourth or sixth semester curriculum so that the students may explore new technologies and it bridge the gap between industry and educational institutions.

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Coimbatore 641 032

B.Tech - INFORMATION TECHNOLOGY

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Employer Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Employer Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	3	1	1	1	6
2.	Implementation of Outcome Based Education	4	1	1	0	6
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4	2	0	0	6
4.	Offered Courses related to Industry/employability	4	1	1	0	6
5.	Competencies/outcomes in relation to the course content	3	2	1	0	6
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	1	1	0	6
7.	Curriculum offers a range of professional and open electives/value-added courses	4	2	0	0	6
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4	1	1	0	6

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	17	17	17	100
2.	Implementation of Outcome Based Education	67	17	17	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	67	33	0	0	100
4.	Offered Courses related to Industry/employability	67	17	17	0	100
5.	Competencies/outcomes in relation to the course content	50	33	17	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	67	17	17	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	67	33	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	67	17	17	0	100

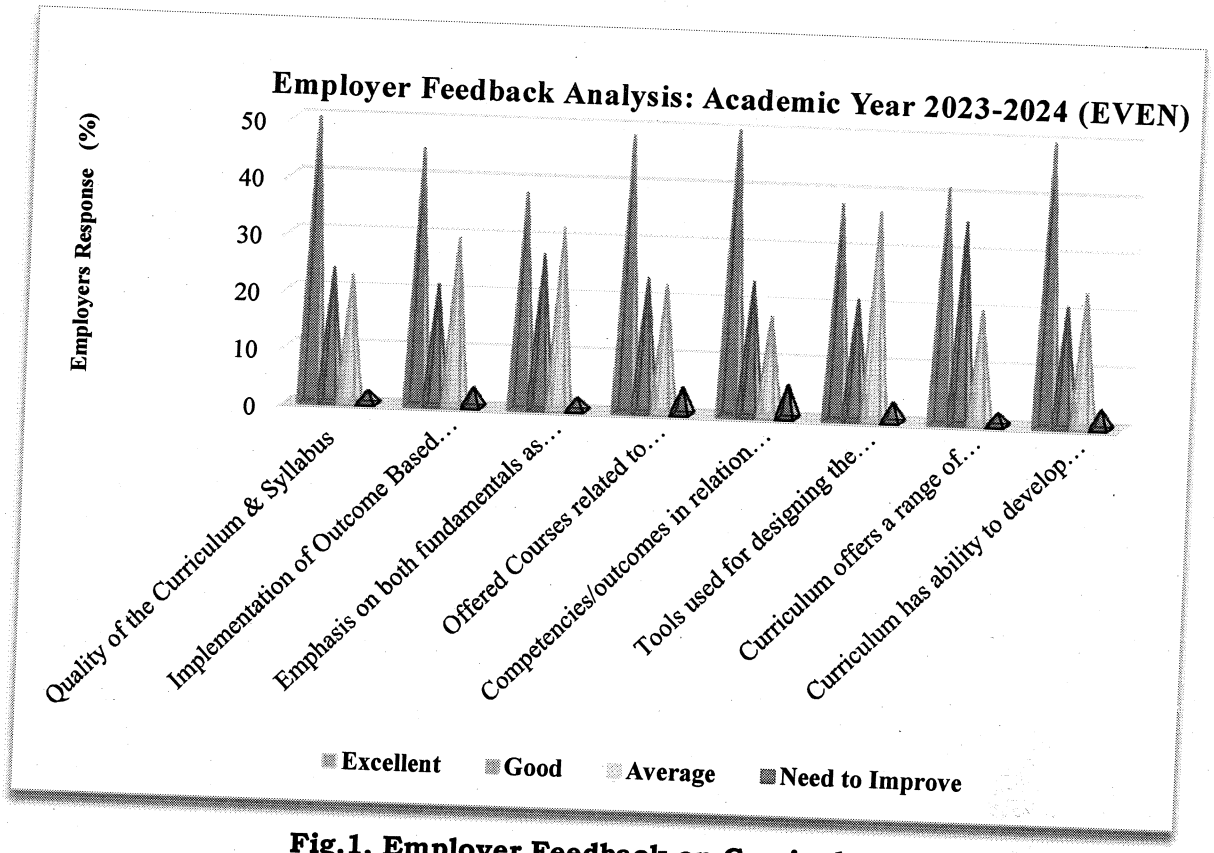

Fig.1. Employer Feedback on Curriculum

REPORT

The Employer response to feedback on the curriculum was given below:

1. Quality of the Curriculum & Syllabus scored 50%, 17%, 17%, 17% as excellent, good, average and necessity to improve respectively.
2. Implementation of Outcome Based Education scored 67% as excellent, 17% as good and 17% as average.
3. Emphasis on both fundamentals as well as latest Technologies in Curriculum scored 67% and 33% as excellent and good respectively.
4. Offered Courses related to Industry/employability scored 67%, 17% and 14% as excellent, good and average respectively.
5. Competencies/outcomes in relation to the course content scored 50% as excellent, 33% as good and 17% as necessity to improve.

6. Tools used for designing the experiments in terms of existing practices in the industries scored 67% as excellent, 17% as average and 17% as necessity to improve.
7. Curriculum offers a range of professional and open electives/value-added courses scored 67% and 33% as excellent and good respectively.
8. Curriculum has ability to develop entrepreneurship/inventing new ideology scored 67% as excellent, 17% as good and 17% as average respectively.

Suggestions by Students

1. Employer members suggested to improve latest software in labs and insisted to incorporate latest programming languages and suggested to improve lab infrastructure
2. Employer members suggested to introduce more lab sessions for programming language
3. Employer members suggested to change few lab experiments with new test cases in programming language

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B.Tech - INFORMATION TECHNOLOGY

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Faculty Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	5	0	0	15
2.	Electives offered are supportive to the core papers	11	4	0	0	15
3.	Implementation of Outcome Based Education	12	3	0	0	15
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	14	1	0	0	15
5.	Regulations and Scheme of Examination	13	2	0	0	15
6.	Semester-wise course content	14	1	0	0	15
7.	Content Delivery, Methodology and Learning Resources	12	3	0	0	15
8.	Availability of library resources supports Text and Reference Books suggested to study	12	2	1	0	15
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	12	3	0	0	15
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	14	1	0	0	15

Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	67	33	0	0	100
2.	Electives offered are supportive to the core papers	73	27	0	0	100
3.	Implementation of Outcome Based Education	80	20	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	93	7	0	0	100
5.	Regulations and Scheme of Examination	87	13	0	0	100
6.	Semester-wise course content	93	7	0	0	100
7.	Content Delivery, Methodology and Learning Resources	80	20	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	80	13	0	0	93
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	80	20	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	93	7	0	0	100

8. " Availability of library resources supports Text and Reference Books suggested to study" scored 80% as excellent and 13% as good.
9. "Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/ Seminars/ Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship" scored 80% and 20% as excellent and good respectively.
10. "Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus" scored 93% as excellent and 7% as good.

Suggestions by Faculty

1. Faculty members suggested to introduce more lab sessions for programming language
2. Faculty members suggested to change few lab experiments with new test cases in programming language
3. Faculty members suggested to invite the industrial experts to conduct value added courses and the hands on training to the students
4. Faculty members felt that the AICTE Leadership in Teaching Excellence (LITE) course which is introduced are very useful for the students which is professional elective for the sixth, seventh and eighth semester for the third and final year students with three credits which inherits 50 internal marks from AICTE LITE and 50 marks as external practical exam. The LITE courses are
    - 21IT6308 - Web Development – I
    - 21IT7307 - Web Development – II
    - 21IT8314 - Web Development - III
5. Faculty members suggested to encourage students to do mini projects in 6th semester for better exposure of students and knowledge gaining.
6. Faculty member requested to modify the syllabus of 19IT7202R course as the student feels tough to learn and vast syllabus.
7. Faculty members suggested reducing the vast syllabus of Artificial intelligence and machine learning course and Programming in C course. So that the students can perform well and understand the concept more.

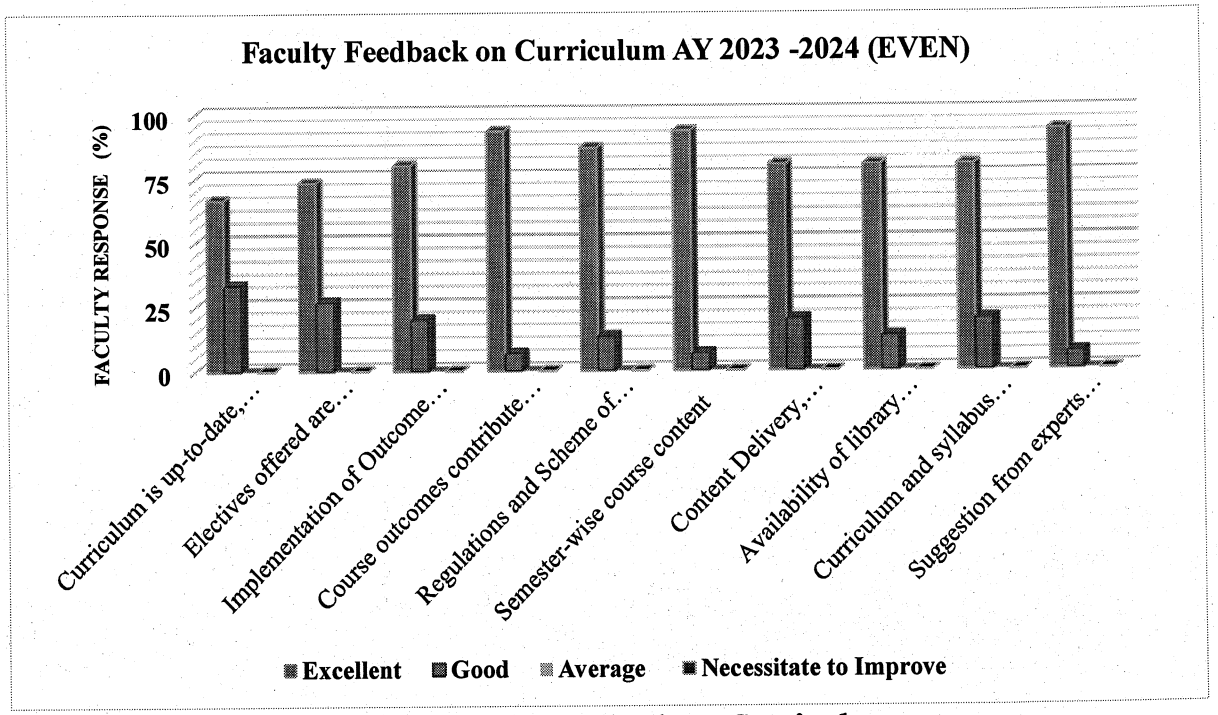

Fig.1. Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below:

1. "Curriculum is up-to-date, need based and application oriented" scored 67% as excellent and 33% as good.
2. "Electives offered are supportive to the core papers" scored 73% and 27% as excellent, and good respectively.
3. "Implementation of Outcome Based Education" scored 80% and 20% as excellent and good respectively.
4. "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 93% as excellent and 7% as good.
5. "Regulations and Scheme of Examination" scored 87% and 13% as excellent and good respectively.
6. "Semester-wise course content" scored 93% and 7% as excellent and good respectively.
7. "Content Delivery, Methodology and Learning Resources" scored 80% as excellent and 20% as good.

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B.Tech - INFORMATION TECHNOLOGY

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023 - 2024

B.Tech – Information Technology

Parents Feedback on Curriculum: Academic Year 2023-2024 (EVEN)

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	10	6	2	0	18
2.	Teaching Faculty treat the students equally irrespective of the background	14	3	1	0	18
3.	Transparency of the evaluation system followed by the Institution	11	5	2	0	18
4.	Infrastructure and Lab Facility available to support the curriculum.	10	4	4	0	18
5.	Availability of the text and reference books in Central and Department library.	13	3	2	0	18

Table.2. Consolidated Parents Feedback report on the curriculum in Percentage (%

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	56	33	11	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	78	17	6	0	100
3.	Transparency of the evaluation system followed by the Institution	61	28	11	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	56	22	22	0	100
5.	Availability of the text and reference books in Central and Department library.	72	17	11	0	100

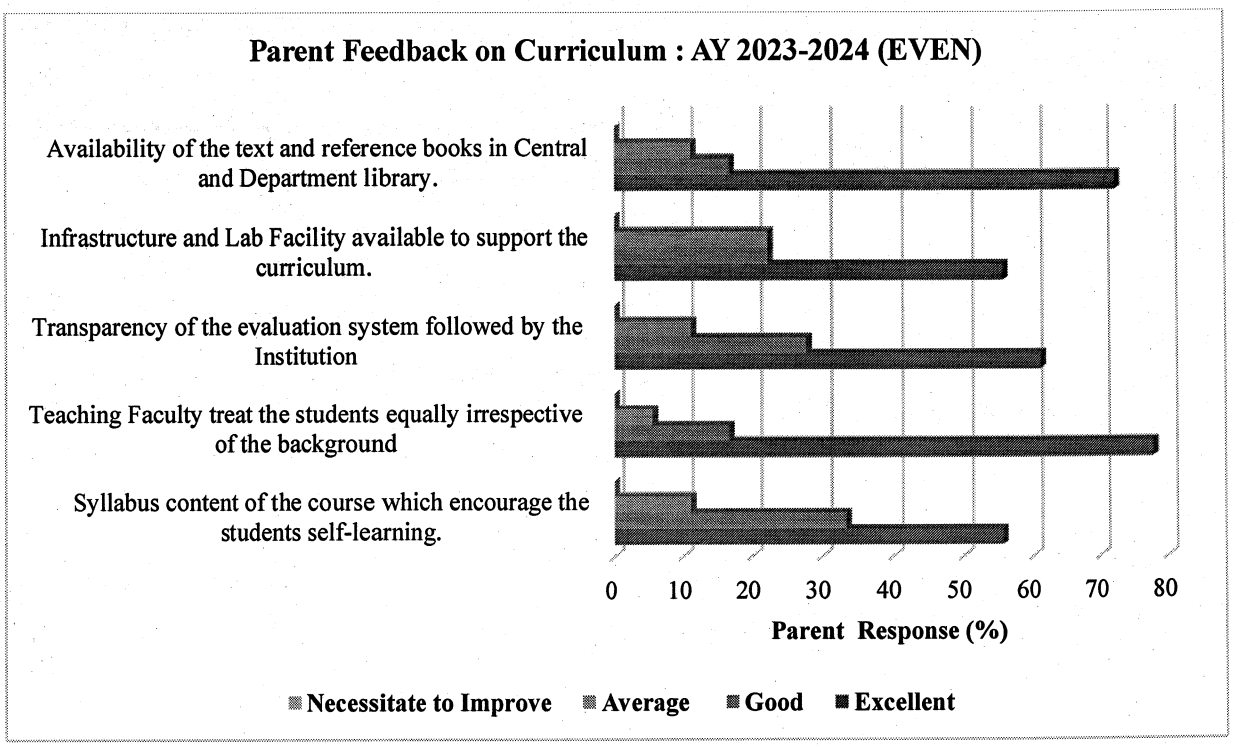

Fig.1. Parents Feedback on Curriculum

REPORT

The Parents response to feedback on the curriculum was given below:

1. Syllabus content of the course which encourages the student self-learning scored 56%, 33%, 11% as excellent, good and average respectively.
2. Teaching Faculty treat the students equally irrespective of the background scored 78% as excellent, 17% as good and 6% as average.
3. Transparency of the evaluation system followed by the Institution scored 61%, 28%, 11% as excellent, good and average respectively.
4. Infrastructure and Lab Facility available to support the curriculum scored 56% as excellent, 22% as good and 22% as average.
5. Availability of the text and reference books in Central and Department library scored 72%, 17%, 11% as excellent, good and average respectively.

Suggestions by Parents

1. Students must be encouraged to do industrial oriented projects to have good exposure on latest trends and software.
2. Students must be allowed to pursue one semester in other universities/abroad through various schemes as it gives new venture and exposure about the global needs and help him to understand the global market consumer and producers

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Coimbatore 641 032

B.E MECHANICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	90	5	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	94	3	3	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	90	6	4	0	100
6.	Exact Sequence of the courses provided in the curriculum	93	5	2	0	100
7.	Syllabus coverage in class by the teaching faculty	100	0	0	0	100
8.	Faculty Encouragement in learning process	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	94	4	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	5	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	90	5	5	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	94	3	3	0	100
3.	Professional and open Electives offered are supportive to the core papers.	95	3	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	93	4	3	0	100
5.	Profundity of the course content in the syllabus.	90	6	4	0	100
6.	Exact Sequence of the courses provided in the curriculum.	93	5	2	0	100
7.	Syllabus coverage in class by the teaching faculty.	100	0	0	0	100
8.	Faculty Encouragement in learning process.	97	3	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	96	3	1	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	94	4	2	0	100
11.	Availability of library resources in central and departmental library.	92	4	4	0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	92	5	3	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	95	5	0	0	100

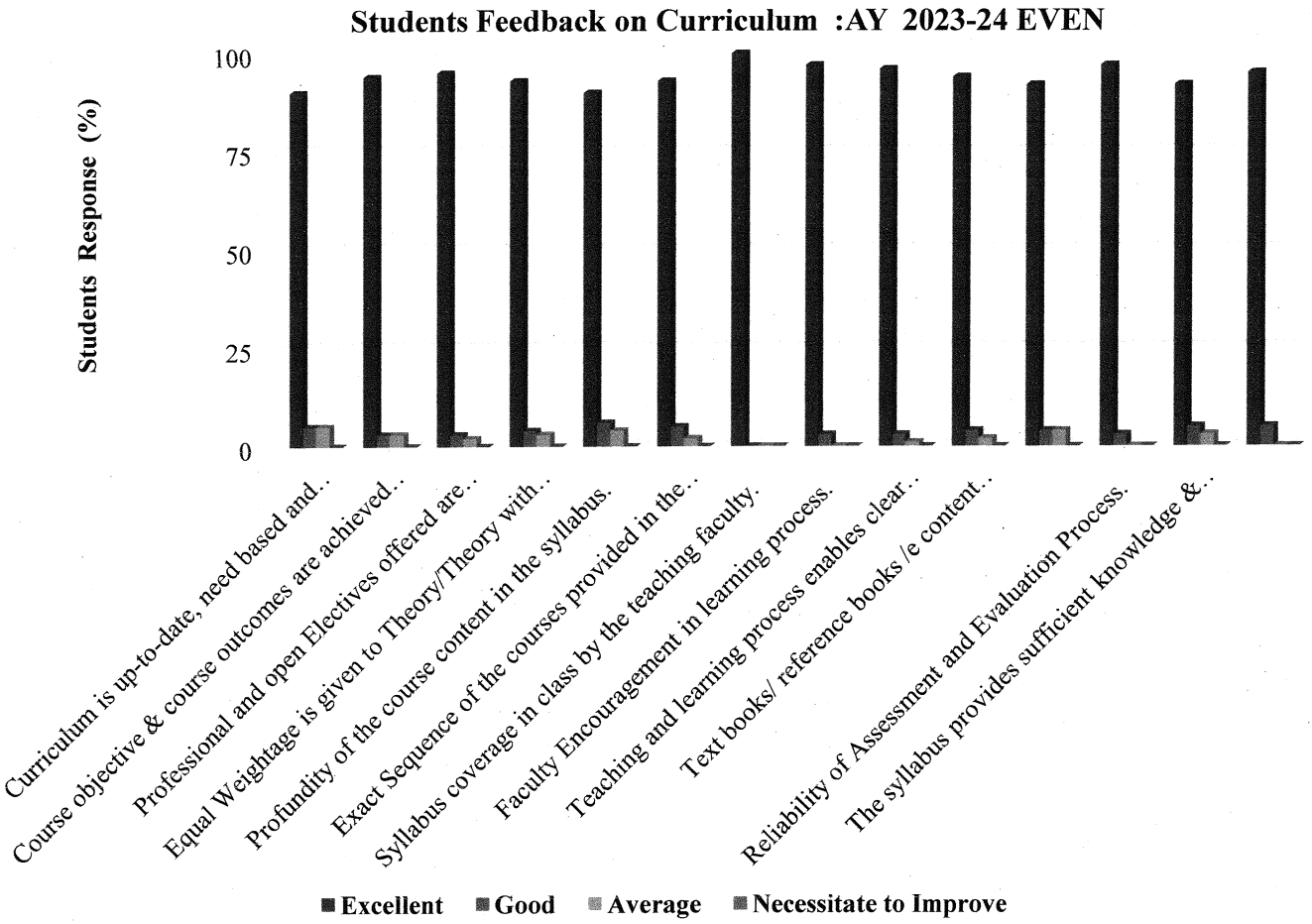

Fig.1.Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Regarding Curriculum is up-to-date and application oriented design 90% of students are highly satisfied, 5% of students are satisfied and only 5% of students are moderatelysatisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome based education system 94% of students are highly satisfied, 3% of students are satisfied only 3 % of students are moderately satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 95 % of students are highly satisfied and 3% of students are satisfied, 2 % of students are moderately satisfied.
- In the Equal Weightage is given to theory and practical course content 93 % of students are very satisfied, 4% of students are satisfied and 3 % of students are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus90% of students are highly satisfied, 6% of students are satisfied only 4 % of students

are moderately satisfied.

- In the case of Exact Sequence of the courses provided in the curriculum,93 % of students are highly satisfied and 5 % of students are satisfied, 2 % of students are moderately satisfied
- Syllabus coverage in class by the teaching faculty, all100% of students are highly satisfied.
- Faculty Encouragement in learning process, 97 % of students are highly satisfied, 3% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 96 % of students are highly satisfied, only 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated 94% of students are highly satisfied, 4% of students are satisfied and only 2% of students are moderately satisfied.
- Availability of library resources in central and departmental library. 92% of students are highly satisfied, 4% of students are satisfied, 4% of students are moderately satisfied.
- Reliability of assessment & evaluation process 97% of students are highly satisfied, 3% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch,92 % of students are highly satisfied, only 5% of students are satisfied and 3% of students are moderately satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability, 95% of students are highly satisfied, only 5% of students are satisfied.

Suggestions:

- CNC topic can be extended in 'Manufacturing Technology II' Subject.
- Introduce the more number of honors subjects in energy related.
- Engage with industry experts and researchers to incorporate the latest developments and practical applications into the syllabus.

Chairman, Board of Studies

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ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

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B.E MECHANICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	37	3	0	0	40
2.	Teaching Faculty treat the students equally irrespective of the background	38	2	0	0	40
3.	Transparency of the evaluation system followed by the Institution	37	3	0	0	40
4.	Infrastructure and Lab Facility available to support the curriculum.	36	4	0	0	40
5.	Availability of the text and reference books in Central and Department library.	38	2	0	0	40

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	93	7	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	95	5	0	0	100
3.	Transparency of the evaluation system followed by the Institution	93	7	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	90	10	0	0	100
5.	Availability of the text and reference books in Central and Department library.	95	5	0	0	100

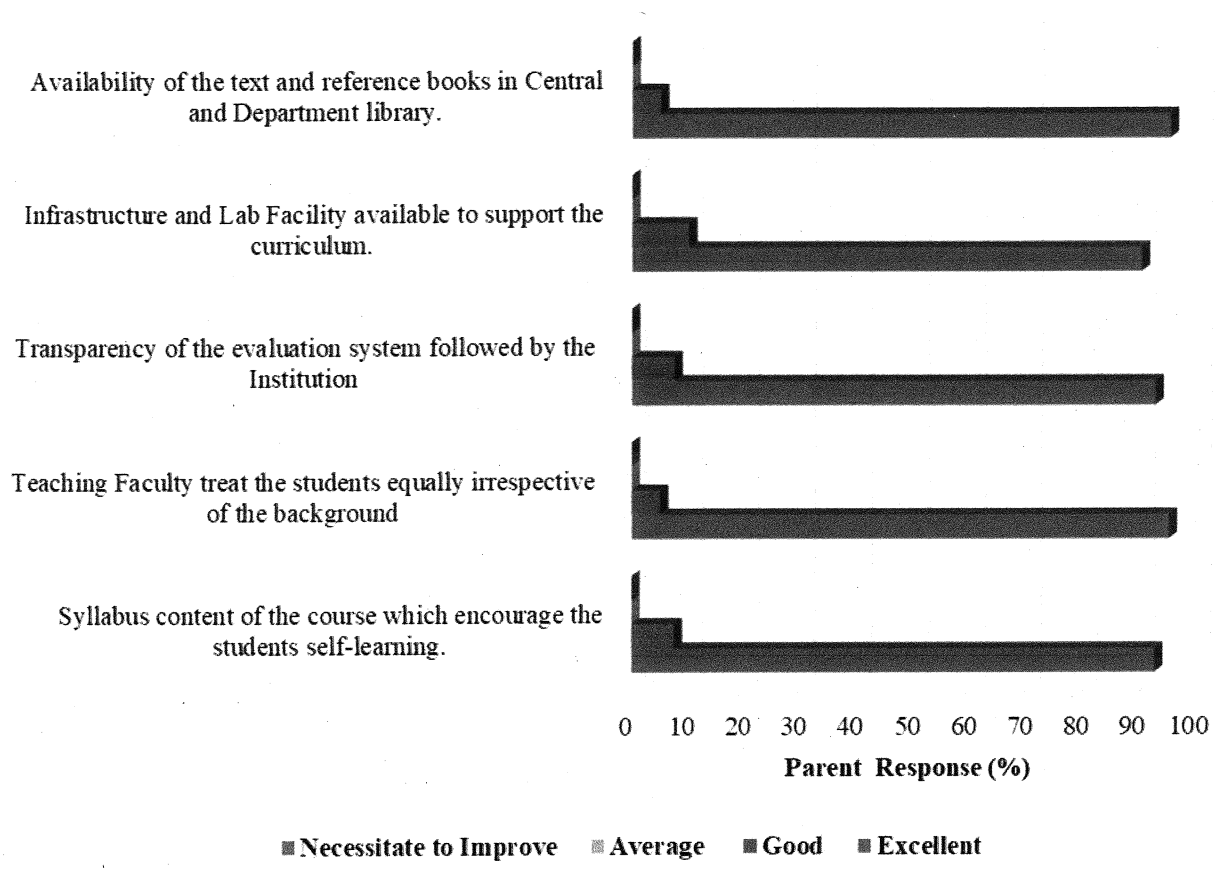

Fig.1.Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

- In the case of Syllabus content of the course which encourage the students self-learning, 93 % of parents are highly satisfied, and 7% of parents are satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background, all 95 % of parents are satisfied and 5 % of parents are moderately satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution, all 93 % of parents are highly satisfied and 8 % of parents are moderately satisfied.
- Infrastructure and Lab Facility available to support the curriculum 90 % of parents are highly satisfied, and 10 % of parents are satisfied.
- In the case of Availability of the text and reference books in Central and Department library 95 % of parents are satisfied and 5 % of parents are moderately satisfied.

Suggestions:

- ✓ Encourage the students are attending greater number of online certificate courses offered by NPTEL, Edx, Coursera etc,.
- ✓ Provide a greater number of soft skill courses under AEC with one or two credits.
- ✓ activities to be conducted to improve the students' social connect with society.

Chairman, Board of Studies

Chairman - BoS
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HINDUSTHAN ACADEMIC COU... Chairman

Dean – Academics

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B.E MECHANICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	33	2	0	0	35
2.	Electives offered are supportive to the core papers	33	2	0	0	35
3.	Implementation of Outcome Based Education	30	5	0	0	35
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	34	1	0	0	35
5.	Regulations and Scheme of Examination	34	1	0	0	35
6.	Semester-wise course content	31	4	0	0	35
7.	Content Delivery, Methodology and Learning Resources	33	2	0	0	35
8.	Availability of library resources supports Text and Reference Books suggested to study	34	1	0	0	35
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	33	2	0	0	35
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	32	3	0	0	35

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No	Questions	Excellent	Good	Average	Necessit ate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	94	6	0	0	100
2.	Electives offered are supportive to the core papers	94	6	0	0	100
3.	Implementation of Outcome Based Education	86	14	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	97	3	0	0	100
5.	Regulations and Scheme of Examination	97	3	0	0	100
6.	Semester-wise course content	89	11	0	0	100
7.	Content Delivery, Methodology and Learning Resources	94	6	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	97	3	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	94	6	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	91	9	0	0	100

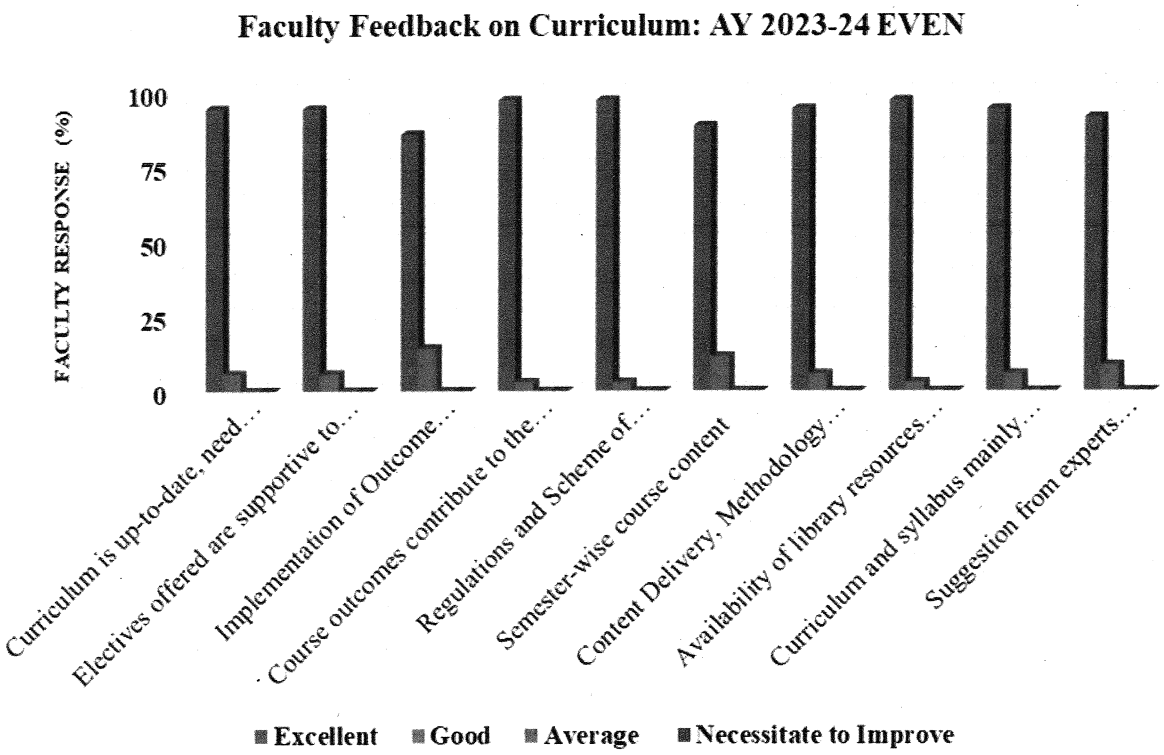

Fig.1.Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding the Curriculum is up-to-date, need based and application oriented 100% of faculties are highly satisfied.
- In the case of Electives offered are supportive to the core papers 94 % of faculties are highly satisfied and 6 % of faculties are satisfied.
- Implementation of Outcome Based Education, 86 % of faculties are highly satisfied and 14 % of faculties are satisfied.
- Course outcomes contribute to the fulfilment of program outcomes (PO) 97 % of faculties are highly satisfied and 3 % of faculties are satisfied.
- With respect to the Regulations and Scheme of Examination 97 % of faculties are highly satisfied 3% of faculties are satisfied.
- In the case of Semester-wise course content, 89 % of faculties are highly satisfied and 11 % of faculties are satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources , all 94 % of faculties are highly satisfied and 6 % of faculties are good.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 97 % of faculties are highly satisfied and 3% of faculties are satisfied.

- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 94 % of faculties are highly satisfied and 6 % of faculties are satisfied.
- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus, 91 % of faculties are highly satisfied and 9% of faculties are satisfied.

Suggestions:

- Objectives can be reduced in 'Hydraulics and Pneumatic Systems' Subject.
- Unit IV 'impact analysis' experiment to be included in 'Strength of materials' theory and lab subject.
- Unit I heading is to modified as 'Air standard cycles' in Thermal Engineering Subject.

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B.E MECHANICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	8	2	0	0	10
2.	Implementation of Outcome Based Education	8	2	0	0	10
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	9	1	0	0	10
4.	Offered Courses related to Industry/employability	10	0	0	0	10
5.	Competencies/outcomes in relation to the course content	8	2	0	0	10
6.	Tools used for designing the experiments in terms of existing practices in the industries	8	2	0	0	10
7.	Curriculum offers a range of professional and open electives/value-added courses	10	0	0	0	10
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	8	2	0	0	10

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80	20	0	0	100
2.	Implementation of Outcome Based Education	80	20	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	90	10	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	80	20	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	80	20	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	80	20	0	0	100

Suggestions:

- ✓ Suggested to include more industry oriented and recent industrial developments in the syllabus.
- ✓ Create a self learning environment among the students by giving assignments, industrial specific case studies etc.
- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an open elective course.
- ✓ Tools related to design experiment must be added in the syllabus
- ✓ More number of skills oriented training programs to be conducted every year.

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B.E MECHANICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	35	5	0	0	40
2.	Regulations and Scheme of Examination	37	3	0	0	40
3.	Semester-wise course content	38	2	0	0	40
4.	Content Delivery, Methodology & Learning Resources	35	5	0	0	40
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	38	2	0	0	40
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	36	4	0	0	40
7.	Availability of library resources supports Text and Reference Books suggested to study	32	8	0	0	40

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	88	13	0	0	100
2.	Regulations and Scheme of Examination	93	8	0	0	100
3.	Semester-wise course content	95	5	0	0	100
4.	Content Delivery, Methodology & Learning Resources	88	12	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	95	5	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	90	10	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	80	20	0	0	100

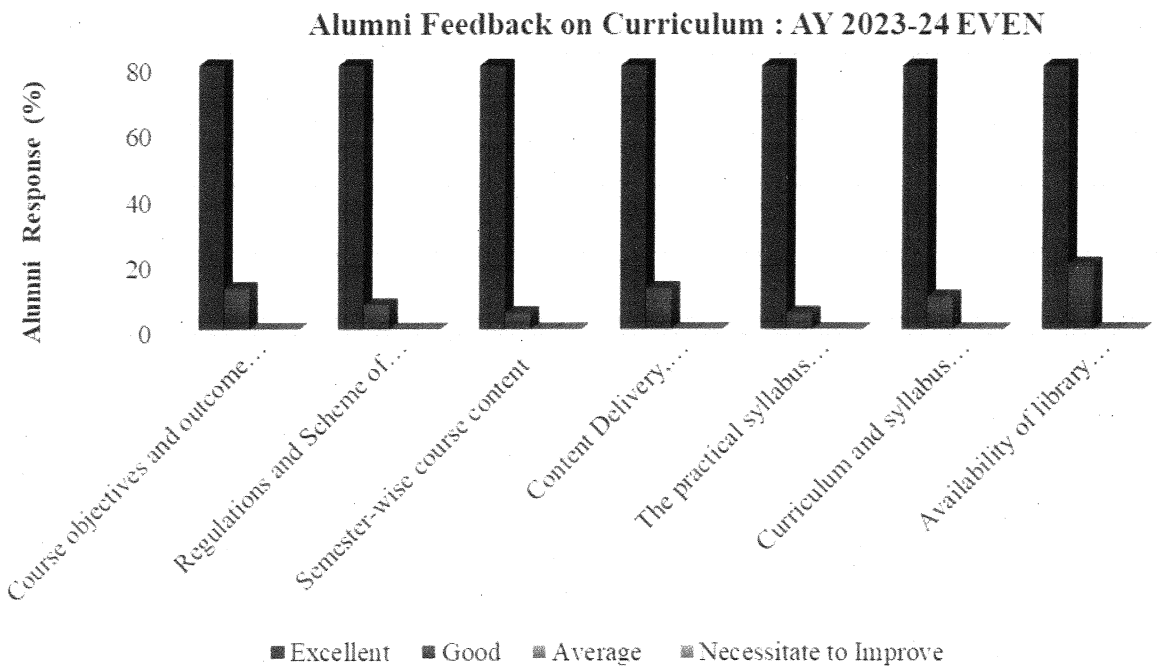

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Regarding Aim, objectives and outcome of the syllabi are well defined and clear 88% of Alumni are highly satisfied and 13% of Alumni are satisfied.
- In the case of the Regulations and Scheme of Examination, 93% of Alumni are highly satisfied and 8 % of Alumni are satisfied.
- With respect to the Semester-wise course content, 95 % of Alumni are highly satisfied, 5% of Alumni are satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, 88% of Alumni are highly satisfied and 12% of Alumni are satisfied
- Considering the use of the practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, 95% of Alumni are highly satisfied, 5 % of Alumni are satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 90% of Alumni are highly satisfied, 10 % of Alumni are satisfied.

- In the case of the Availability of library resources supports Text and Reference Books suggested to study 80% of Alumni are highly satisfied, 20% of Alumni are satisfied.

Suggestions:

- Unit II and III can be combined in 'Manufacturing Technology II' Subject.
- CNC topic can be extended in 'Manufacturing Technology II' Subject.

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B.E MECHANICAL ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E Mechanical Engineering

Academic Expert Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	8	2	0	0	10
2.	Implementation of Outcome Based Education	7	3	0	0	10
3.	Quality of PEOs, POs and COs	8	2	0	0	10
4.	Regulations and Scheme of Examination	10	0	0	0	10
5.	Semester-wise course content	8	2	0	0	10
6.	Content Delivery, Methodology and Learning Resources	7	3	0	0	10
7.	Text and reference books proposed for study	7	3	0	0	10
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	7	3	0	0	10
9.	Question Paper Pattern and Standard (Blooms Level)	8	2	0	0	10
10.	Panel of Examiners	10	0	0	0	10

Table.2. Consolidated Academic Expert Feedback report on curriculum in %

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	80	20	0	0	100
2	Implementation of Outcome Based Education	70	30	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	100	0	0	0	100
5.	Semester-wise course content	80	20	0	0	100
6.	Content Delivery, Methodology and Learning Resources	70	30	0	0	100
7.	Text and reference books proposed for study	70	30	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	70	30	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	80	20	0	0	100
10.	Panel of Examiners	100	0	0	0	100

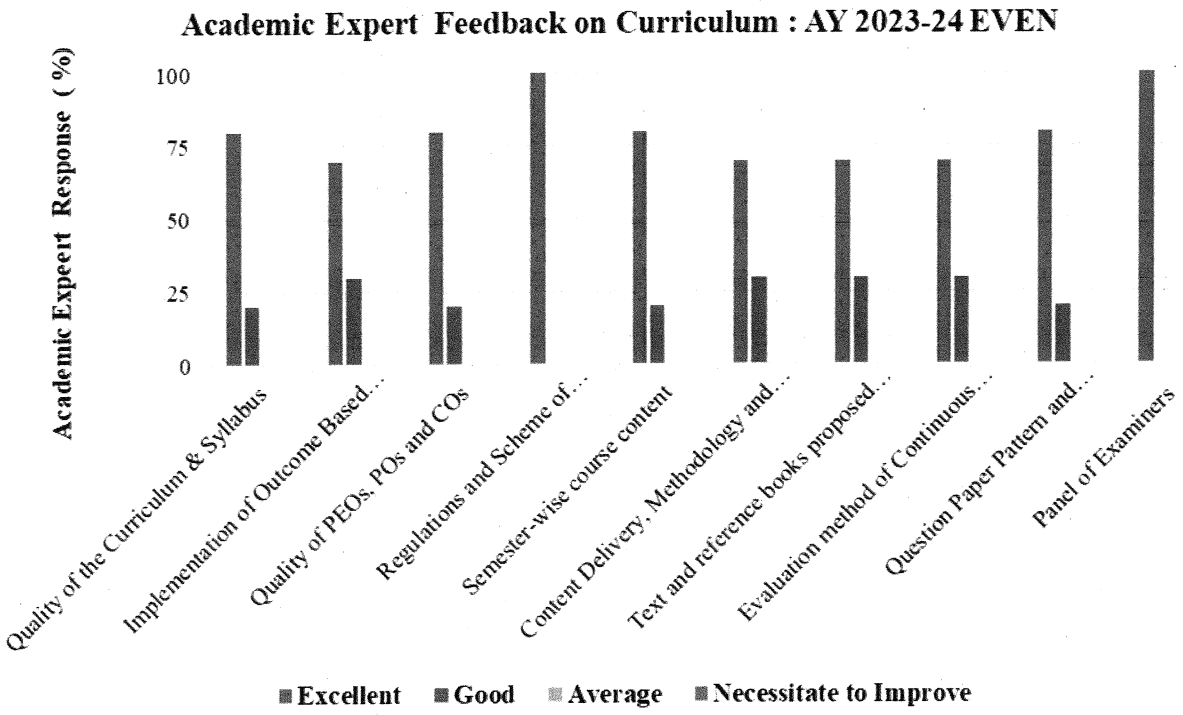

Fig.1.Academic Expert Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- In the Quality of the Curriculum & Syllabus, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.
- For Implementation of Outcome Based Education, 70% of Academic Experts are given as Excellent and 30% of Academic Experts are given are given as Good.
- The Quality of PEOs, POs and COs, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.
- For Regulations and Scheme of Examination, all 100% of Academic Experts are given as Excellent.
- In Semester-wise course content, 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good
- For Content Delivery, Methodology and Learning Resources, 70% of Academic Experts are given as Excellent and 30% of Academic Experts are given are given as Good.
- In Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks, 70% of Academic Experts are given as Excellent, 30% of Academic Experts are given are given as Good.
- For Question Paper Pattern and Standard (Blooms Level), 80% of Academic Experts are given as Excellent and 20% of Academic Experts are given are given as Good.

- For Panel of Examiners, 100% of Academic Experts are given as Excellent are given are given as Good.

Suggestions:

- Suggested to check and compare the GATE Syllabus in 'Kinematics of machinery' subject.
- Unit I heading is to modified as 'Air standard cycles' in Thermal Engineering Subject.
- Suggested to remove the word angle in 'tool and angle grinding' in 'Manufacturing technology laboratory II' subject.

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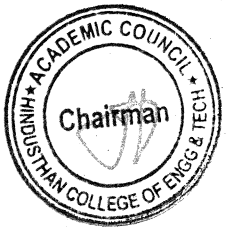
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ACADEMIC EXPERT FEED BACK ANALYSIS

2023-2024
Even Semester



B.E-Mechatronics Engineering

Academic Expert Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Academic Expert Feedback report on curriculum

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Academic Expert Response					
1.	Quality of the Curriculum & Syllabus	2	1	1		4
	Implementation of Outcome Based Education	2	2			4
3.	Quality of PEOs, POs and COs	2	1	1		4
4.	Regulations and Scheme of Examination	2	1	1		4
5.	Semester-wise course content	3	1			4
6.	Content Delivery, Methodology and Learning Resources	2	2			4
7.	Text and reference books proposed for study	3	1			4
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	1	2	1		4
9.	Question Paper Pattern and Standard (Blooms Level)	2	1	1		4
10.	Panel of Examiners	2	1		1	4

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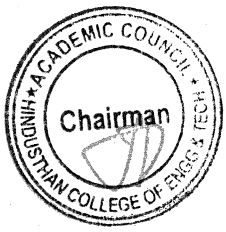
Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	50	25	25	0	100
	Implementation of Outcome Based Education	50	50	0	0	100
3.	Quality of PEOs, POs and COs	50	25	25	0	100
4.	Regulations and Scheme of Examination	50	25	25	0	100
5.	Semester-wise course content	75	25	0	0	100
6.	Content Delivery, Methodology and Learning Resources	50	50	0	0	100
7.	Text and reference books proposed for study	75	25	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	25	50	25	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	50	25	25	0	100
10.	Panel of Examiners	50	25	0	25	100



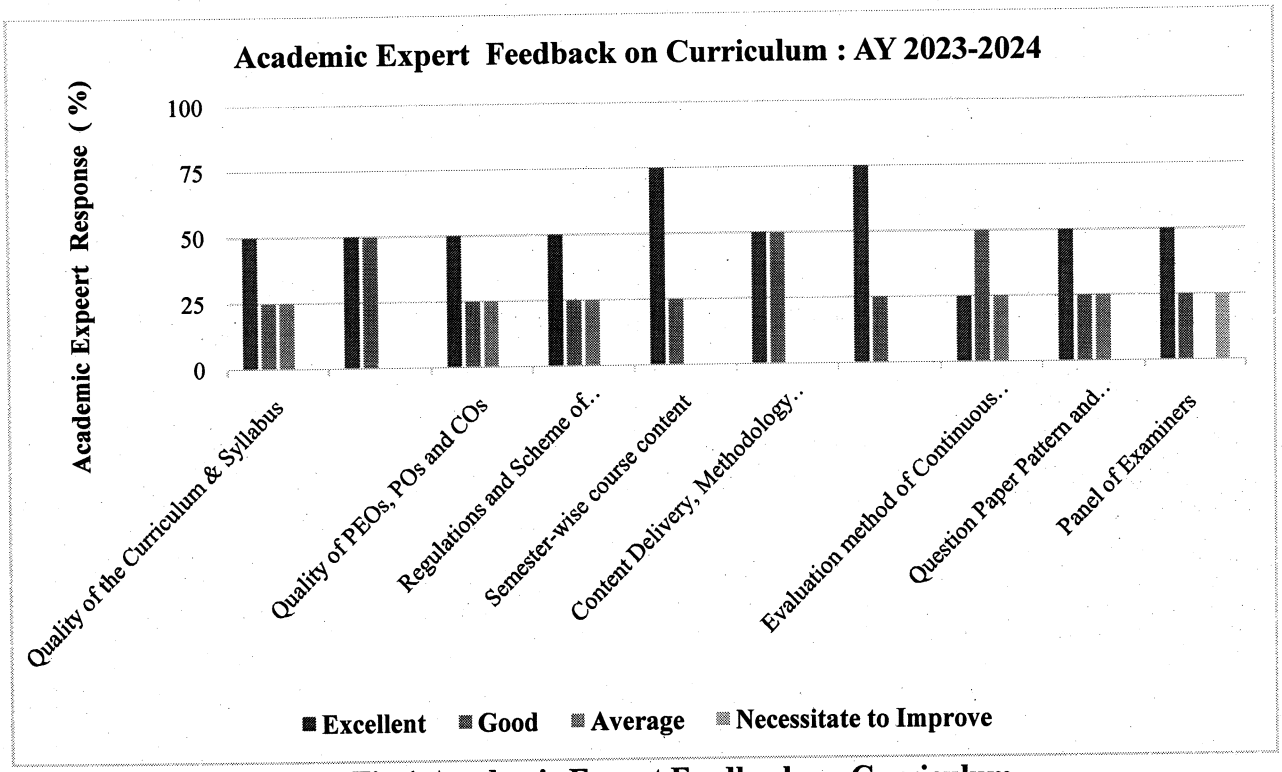


Fig.1.Academic Expert Feedback on Curriculum

REPORT

The Academic Expert response to feedback on the curriculum was given below

- "Quality of the Curriculum & Syllabus" scored 40 % as excellent.
- "Implementation of Outcome Based Education" scored 100%, and 20% as excellent, and good respectively.
- "Quality of PEOs, POs and COs" scored 40% as excellent, and good respectively.
- "Regulations and Scheme of Examination" scored 20 % as excellent.
- "Semester-wise course content" scored 60 % as excellent.
- "Content Delivery, Methodology and Learning Resources" scored 100%, and 40% as excellent, and good respectively.
- "Text and reference books proposed for study" scored 100% as excellent.
- "Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks" scored 60 % as excellent.
- "Question Paper Pattern and Standard (Blooms Level)" scored 100%, and 60% as excellent, and good respectively.
- "Panel of Examiners" scored 40 % as excellent.

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Suggestions

- Dr.S.Periyasamy suggested in the course 22MT4201 - Processor and controller,to add interfacing of 8085 in unit II
- Dr.S.Periyasamy suggested in the course22MT4203 - Theory of Machines, to remove the Unit 3 force analysis, in Unit 1 cams to be separated and make it as unit 2 with recent applications and Unit 2, gears and gear trains are consider as unit 3.

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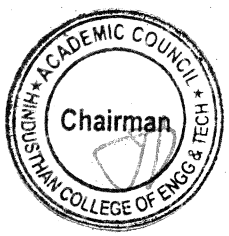
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

STUDENT FEEDBACK ANALYSIS

2023-2024
Even Semester



B.E-Mechatronics Engineering

Student Feedback on Curriculum: Academic Year 2023-2024 Even Semester

Table.1. Consolidated Student Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	79	128	33	4	244
2.	Course objective & course outcomes are achieved in the syllabus.	81	130	28	5	244
3.	Professional and open Electives offered are supportive to the core papers.	89	125	28	2	244
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	83	132	24	5	244
5.	Profundity of the course content in the syllabus.	91	126	23	4	244
6.	Exact Sequence of the courses provided in the curriculum	89	134	15	6	244
7.	Syllabus coverage in class by the teaching faculty	86	122	26	10	244
8.	Faculty Encouragement in learning process	84	134	20	6	244
9.	Teaching and learning process enables clear understanding of the course content.	83	132	22	7	244
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	84	123	26	11	244
11.	Availability of library resources in central and departmental library.	90	128	21	5	244

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12.	Reliability of Assessment and Evaluation Process.	91	123	25	5	244
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	84	128	26	6	244
14.	Curriculum has ability to develop Entrepreneurship and Employability.	83	132	24	5	244

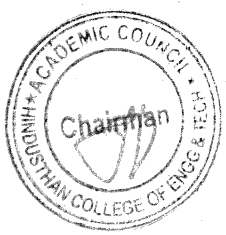
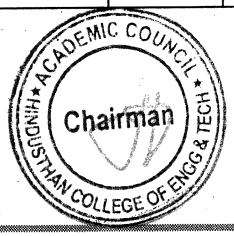
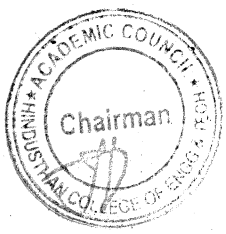


Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	32.38	52.46	13.52	1.64	100
2.	Course objective & course outcomes are achieved in the syllabus.	33.20	53.28	11.48	2.05	100
3.	Professional and open Electives offered are supportive to the core papers.	36.48	51.23	11.48	0.82	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	34.02	54.10	9.84	2.05	100
5.	Profundity of the course content in the syllabus.	37.30	51.64	9.43	1.64	100
6.	Exact Sequence of the courses provided in the curriculum.	36.48	54.92	6.15	2.46	100
7.	Syllabus coverage in class by the teaching faculty.	35.25	50.00	10.66	4.10	100
8.	Faculty Encouragement in learning process.	34.43	54.92	8.20	2.46	100
9.	Teaching and learning process enables clear understanding of the course content.	34.02	54.10	9.02	2.87	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	34.43	50.41	10.66	4.51	100
11.	Availability of library resources in central and departmental library.	36.89	52.46	8.61	2.05	100



12.	Reliability of Assessment and Evaluation Process.	37.30	50.41	10.25	2.05	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	34.43	52.46	10.66	2.46	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	34.02	54.10	9.84	2.05	100



- "Exact Sequence of the course provided in the curriculum" scored 34.60% as excellent.
- "Syllabus coverage in class by the teaching faculty" scored 34.18% as excellent.
- "Faculty encouragement in learning process" scored 36.29 % as excellent.
- "Teaching and learning process enable clear understanding of the course content" scored 35.44% as excellent.
- "Text books/reference books/content recommended in the syllabus are relevant and updated" scored 32.91% as excellent.
- "Availability of library resources in central and department library"scored 40.08% as excellent.
- "Reliability of Assessment and Evaluation Process"scored 41.35% as excellent.
- "The Syllabus provides sufficient knowledge & perspective in the respective branch" as scored 32.91% as excellent.
- "Curriculum has ability to develop Entrepreneurship and Employability" scored 35.02% as excellent.

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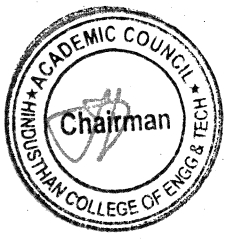
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

FACULTY FEED BACK ANALYSIS

2023-2024
Even Semester



B.E-Mechatronics Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024Even Semester

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	15	2			17
2.	Electives offered are supportive to the core papers	14	3			17
3.	Implementation of Outcome Based Education	14	2	1		17
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	15	2			17
5.	Regulations and Scheme of Examination	14	3			17
6.	Semester-wise course content	15	2			17
7.	Content Delivery, Methodology and Learning Resources	10	7			17
8.	Availability of library resources supports Text and Reference Books suggested to study	12	5			17
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	10	7			17
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	11	6			17

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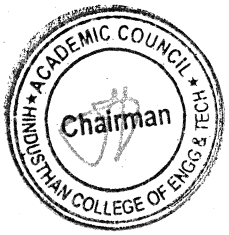
Table.2. Consolidated Faculty Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Need to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	88.24	11.76	0	0	100
2.	Electives offered are supportive to the core papers	82.35	17.65	0	0	100
3.	Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry	82.35	11.76	5.88	0	100
4.	Representation from experts (in BoS helps to design and update syllabus	88.24	11.76	0	0	100
5.	Course outcomes contribute to the fulfilment of program outcomes (PO)	82.35	17.65	0	0	100
6.	Program outcome / course outcomes help to achieve academic and professional goals	88.24	11.76	0	0	100
7.	Entrepreneurship courses in our curriculum design focuses students on the launching and running of business	58.82	41.18	0	0	100
8.	Our training and placement courses for the curriculum makes students industry ready	70.59	29.41	0	0	100
9.	OBE attainment of your course/ programme	58.82	41.18	0	0	100
10.	Opportunity to contribute/ participate in various committees, FDPs, conference and workshops	64.71	35.29	0	0	100
11.	Availability of library resources	88.24	11.76	0	0	100
12.	Learning opportunities for your career advancement in the institution	82.35	17.65	0	0	100



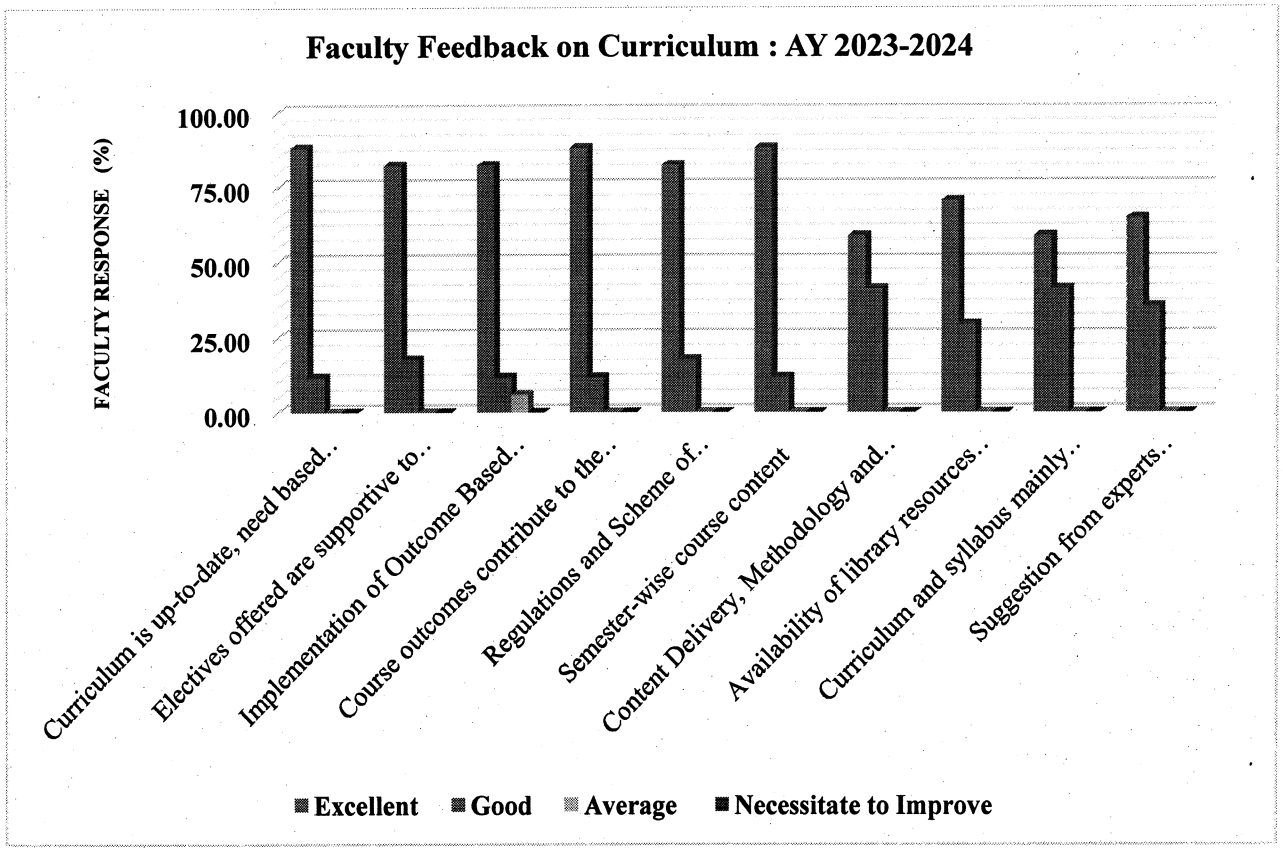
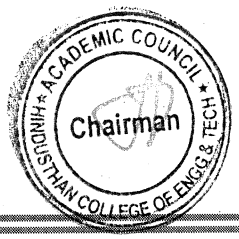


Fig.1.Faculty Feedback on Curriculum

REPORT

The faculty response to feedback on the curriculum was given below

- "Curriculum is up-to-date, need based and application oriented" scored 100 % as excellent.
- "Electives offered are supportive to the core papers" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Board of studies (BoS) ensures that current trends are included in syllabus with relevance to industry" scored 100% as excellent, and good respectively.
- "Representation from experts (in BoS helps to design and update syllabus" scored 100 % as excellent.
- "Course outcomes contribute to the fulfilment of program outcomes (PO)" scored 100 % as excellent.
- Program outcome / course outcomes help to achieve academic and professional goals" scored 92.31%, and 7.69% as excellent, and good respectively.



- "Entrepreneurship courses in our curriculum design focuses students on the launching and running of business" scored 100% as excellent.
- "Our training and placement courses for the curriculum makes students industry ready" scored 100 % as excellent.
- "OBE attainment of your course/ programme" scored 92.86%, and 7.14% as excellent, and good respectively.
- "Opportunity to contribute/ participate in various committees, FDPs, conference and workshops" scored 100 % as excellent.
- "Availability of library resources" scored 85.71%, and 14.29% as excellent, and good respectively.
- "Learning opportunities for your career advancement in the institution" scored 100 % as excellent.

Chairman, Board of Studies

Chairman - BoS
MCT - HiCET

Dean Academics

Dean (Academics)
HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★
Chairman

Hindusthan College of Engineering and Technology
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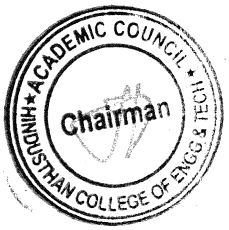
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

ALUMNI FEED BACK ANALYSIS

2023-2024
Even Semester



B.E-Mechatronics Engineering

AlumniFeedback on Curriculum: Academic Year 2023-2024Even Semester

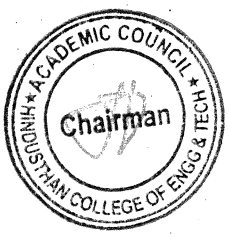
Table.1. Consolidated Alumni Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	28	12	4		44
2.	Regulations and Scheme of Examination	23	12	9		44
3.	Semester-wise course content	28	11	5		44
4.	Content Delivery, Methodology & Learning Resources	25	15	4		44
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	28	14	2		44
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	18	20	6		44
7.	Availability of library resources supports Text and Reference Books suggested to study	21	11	12		44

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	64	27	9	0	100
2.	Regulations and Scheme of Examination	52	27	20	0	100
3.	Semester-wise course content	64	25	11	0	100
4.	Content Delivery, Methodology & Learning Resources	57	34	9	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	64	32	5	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate inConferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	41	45	14	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	48	25	27	0	100



inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship." scored 59% as excellent.

- "Availability of library resources supports Text and Reference Books suggested to study" scored 48 % as excellent.

Chairman, Board of Studies

Chairman - BoS
MCT - HiCET

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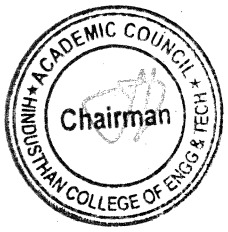
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

EMPLOYER FEEDBACK ANALYSIS

2023-2024
Even semester



B.E-Mechatronics Engineering

Employer Feedback on Curriculum: Academic Year 2023-2024 Even Semester

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employers Response					
1	Quality of the Curriculum & Syllabus	8	6	2		16
2	Implementation of Outcome Based Education	7	4	2	2	15
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	9	3	2	2	16
4	Offered Courses related to Industry/employability	10	2	2	2	16
5	Competencies/outcomes in relation to the course content	11	2	1	2	16
6	Tools used for designing the experiments in terms of existing practices in the industries	9	3	3	1	16
7	Curriculum offers a range of professional and open electives/value-added courses	12	2	2		16
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	12	2	1	1	16

HINDUSTHAN ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG & TECH

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Employer Response in %				
		Excellent	Good	Average	Need to Improve	Total
1	Quality of the Curriculum & Syllabus	50	38	13	0	100
2	Implementation of Outcome Based Education	47	27	13	13	100
3	Emphasis on both fundamentals as well as latest Technologies in Curriculum	56	19	13	13	100
4	Offered Courses related to Industry/employability	63	13	13	13	100
5	Competencies/outcomes in relation to the course content	69	13	6	13	100
6	Tools used for designing the experiments in terms of existing practices in the industries	56	19	19	6	100
7	Curriculum offers a range of professional and open electives/value-added courses	75	13	13	0	100
8	Curriculum has ability to develop entrepreneurship/inventing new ideology	75	13	6	6	100

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

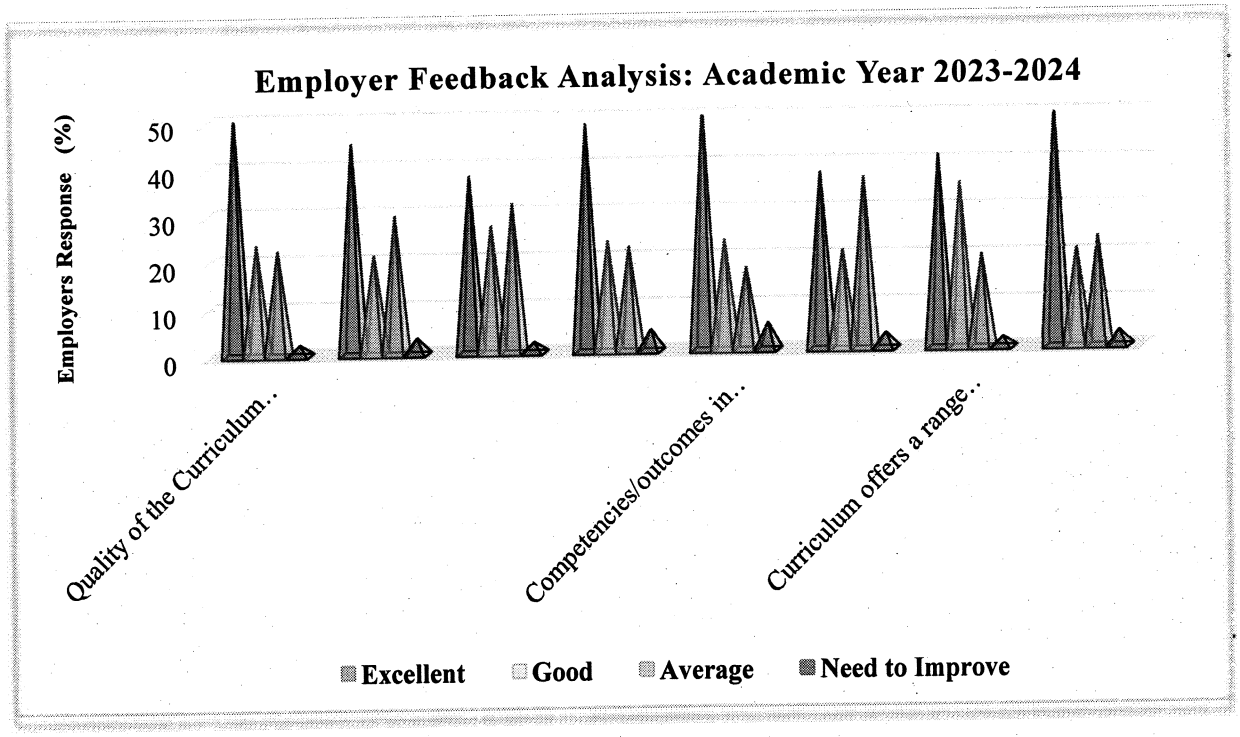


Fig.1.EmployerFeedback on Curriculum

REPORT

The Employerresponse to feedback on the curriculum was given below

- "Quality of the Curriculum & Syllabus" scored 67 % as excellent.
- "Implementation of Outcome Based Education" scored 100%, and 83% as excellent, and good respectively.
- "Emphasis on both fundamentals as well as latest Technologies in Curriculum" scored 61% as excellent, and good respectively.
- "Offered Courses related to Industry/employability" scored 67 % as excellent.
- "Competencies/outcomes in relation to the course content" scored 72 % as excellent.
- "Tools used for designing the experiments in terms of existing practices in the industries" scored 100%, and 61% as excellent, and good respectively.
- "Curriculum offers a range of professional and open electives/value-added courses" scored 78% as excellent.
- "Curriculum has ability to develop entrepreneurship/inventing new ideology" scored 78 % as excellent.

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Suggestions

- Mr.Gomathinayagam In unit V, suggested to add Case study in 22MT4202-Metrology and Measurements.

Chairman, Board of Studies

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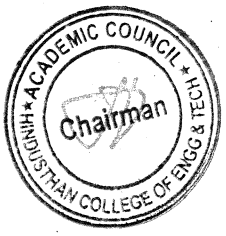
DEPARTMENT OF MECHATRONICS ENGINEERING

B.E- Mechatronics Engineering

PARENT FEED BACK ANALYSIS

2023-2024
Even Semester



B.E-Mechatronics Engineering

Parent Feedback on Curriculum: Academic Year 2023-2024Even Semester

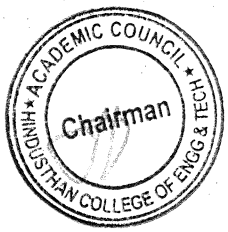
Table.1. Consolidated Parent Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	10	13	1		24
2.	Teaching Faculty treat the students equally irrespective of the background	12	10	1	1	24
3.	Transparency of the evaluation system followed by the Institution	12	8	4		24
4.	Infrastructure and Lab Facility available to support the curriculum.	13	8	3		24
5.	Availability of the text and reference books in Central and Department library.	19	3	1	1	24

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★
Chairman

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

Sl.No.	Sl.No.	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	42	54	4	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	50	42	4	4	100
3.	Transparency of the evaluation system followed by the Institution	50	33	17	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	54	33	13	0	100
5.	Availability of the text and reference books in Central and Department library.	79	13	4	4	100



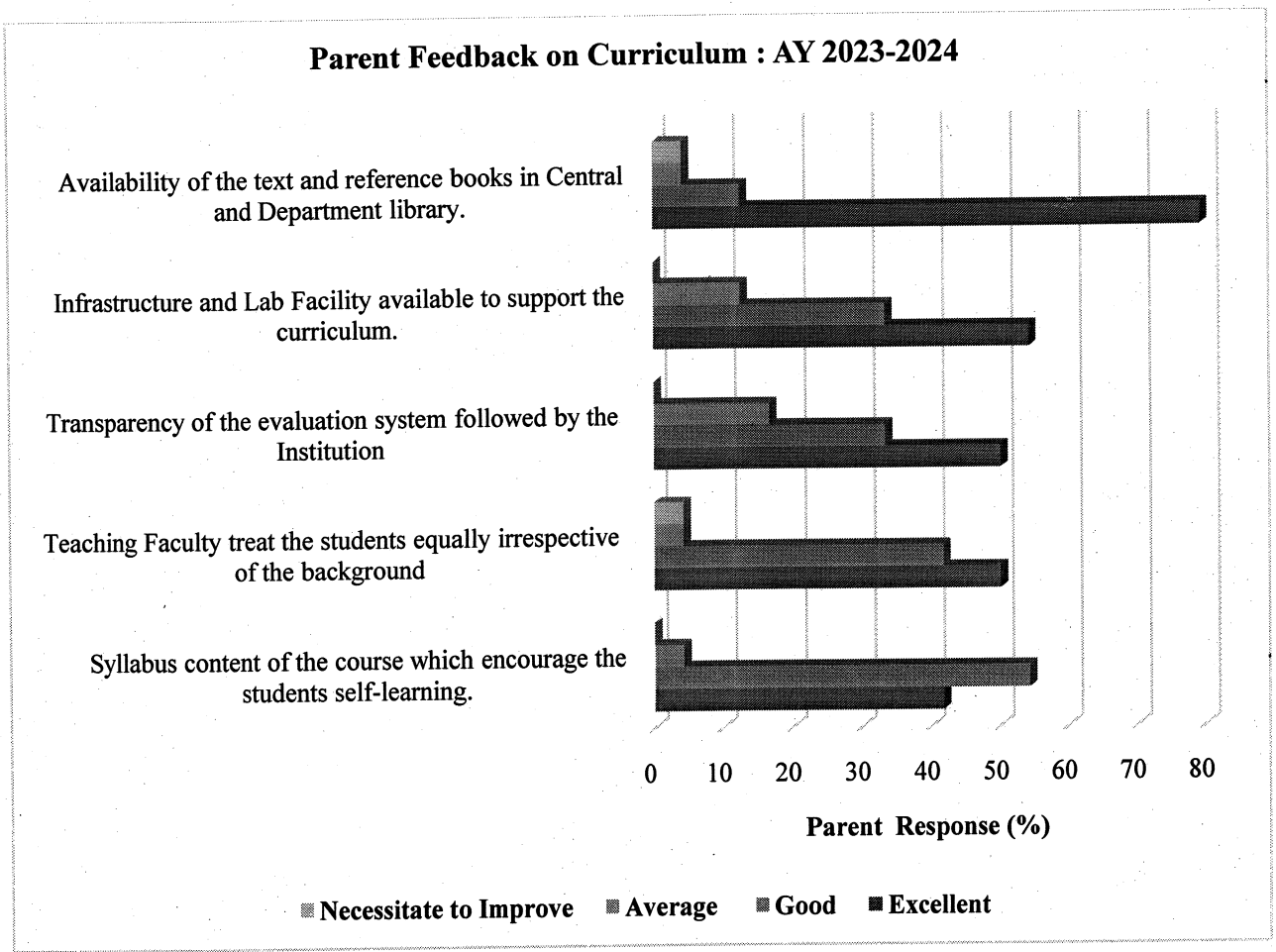


Fig.1.Parent Feedback on Curriculum

REPORT

The Parentresponse to feedback on the curriculum was given below

- "Syllabus content of the course which encourage the students self-learning." scored 61 % as excellent.
- "Teaching Faculty treat the students equally irrespective of the background" scored 100%, and 33% as excellent, and good respectively.
- "Transparency of the evaluation system followed by the Institution" scored 33% as excellent, and good respectively.
- "Infrastructure and Lab Facility available to support the curriculum." scored 31 % as excellent.

ACADEMIC COUNCIL ★ Chairman ★ HINDUSTHAN COLLEGE OF ENGG & TECH

Chairman, Board of Studies

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Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessit ate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	12	-	-	-	12
2.	Regulations and Scheme of Examination	10	2	-	-	12
3.	Semester-wise course content	8	4	-	-	12
4.	Content Delivery, Methodology & Learning Resources	10	2	-	-	12
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	11	1	-	-	12
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	10	1	1	-	12
7.	Availability of library resources supports Text and Reference Books suggested to study	8	2	2	-	12

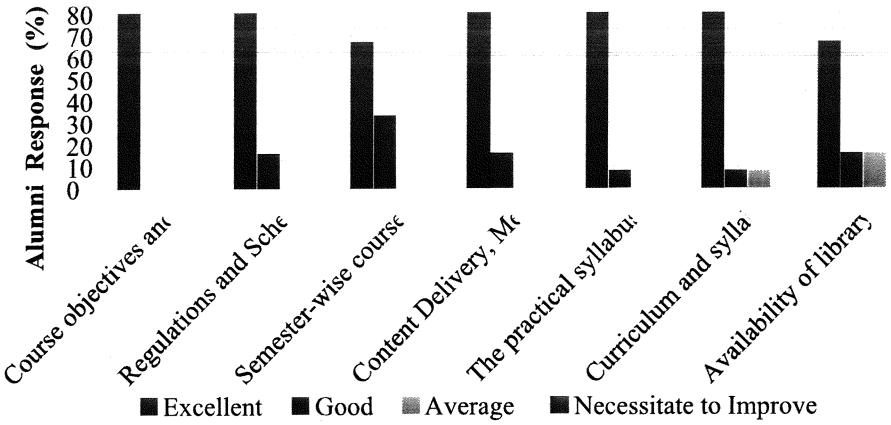

Fig.1.Alumni Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- Course Objectives and Outcome Definition: The course objectives and outcome of the syllabus were defined clearly, with 100 % of respondents considering it "Excellent"
- Regulations and Scheme of Examination: The regulations and scheme of examination were well-regarded, with 83 % of respondents rating it as "Excellent," 17% as "Good,"
- Semester-wise Course Content: The semester-wise course content was rated positively, with 67% of respondents considering it "Excellent" and 33% as "Good."
- Content Delivery, Methodology & Learning Resources: The content delivery, methodology, and learning resources received mixed feedback, with 83% of respondents rating it as "Excellent," 17% as "Good,"
- Empowerment through Practical Syllabus: The practical syllabus was seen to empower students to develop experimental, design, problem-solving, and analysis skills, with 66.67% of respondents considering it "Excellent," 92% as "Good," and 8 % as "Average."
- Focus on Industry Readiness and Self-learning: The curriculum and syllabus were praised for mainly focusing on making students industry-ready, encouraging participation in various events, promoting self-learning, and fostering innovation and entrepreneurship. 83% of respondents rated it as "Excellent," 8 % as "Good," and 8 % as "Average."
- Availability of Library Resources: The availability of library resources supporting text and reference books suggested for the study was rated positively, with 67 % of respondents considering it "Excellent," 17 % as "Good," and 17 % as "Average."

Suggestions:

- Invest in the latest educational technologies and digital resources to enhance the learning experience.
- In 22CH4202- Chemical Engineering Thermodynamics-II, Recommended to incorporate the following,UNIT-I- Chemical Potential - fugacity in solution - Henrys law & Dilute solution-activity in solutionUNIT-II- Duhem's theorem - Consistency test for VLE data UNIT-IV- effect of temperature on equilibrium constant - Vant Hoff equation-

Chairman - BoS
CHE - HiCET

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HiCET

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Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.E/B.Tech-Chemical Engineering

Faculty Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	6	2	-	-	8
2.	Electives offered are supportive to the core papers	5	3	-	-	8
3.	Implementation of Outcome Based Education	4	4	-	-	8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	7	1	-	-	8
5.	Regulations and Scheme of Examination	6	2	-	-	8
6.	Semester-wise course content	5	3	-	-	8
7.	Content Delivery, Methodology and Learning Resources	7	1	-	-	8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2	-	-	8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	7	1	-	-	8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	6	2	-	-	8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	75	25	0	0	100
2.	Electives offered are supportive to the core papers	62.5	37.5	0	0	100
3.	Implementation of Outcome Based Education	50	50	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	87.5	12.5	0	0	100
5.	Regulations and Scheme of Examination	75	25	0	0	100
6.	Semester-wise course content	62.5	37.5	0	0	100
7.	Content Delivery, Methodology and Learning Resources	87.5	12.5	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	87.5	12.5	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	75	25	0	0	100

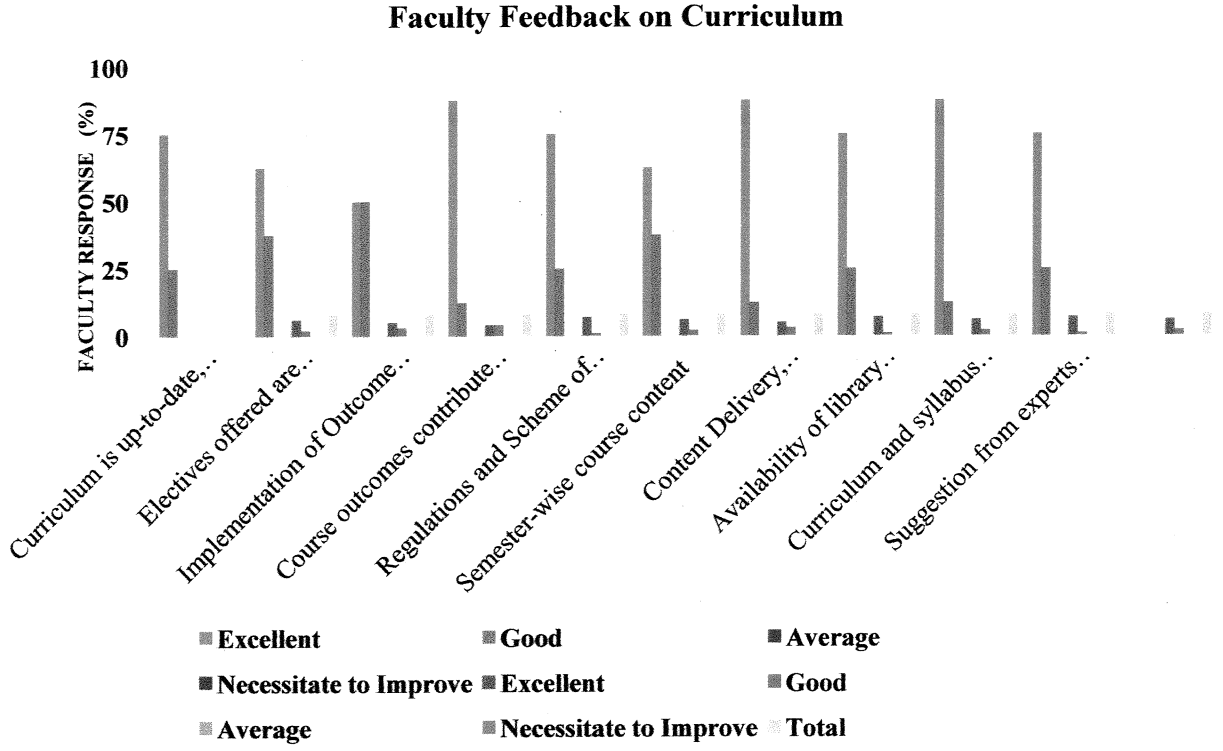

Fig.1. Faculty Feedback on Curriculum

Based on the assessment of various aspects of the curriculum and syllabus, the following observations were made:

- The curriculum is highly regarded for being up-to-date, need-based, and application-oriented, with 75% of respondents rating it as "Excellent" and 25% as "Good."
- Electives offered were found to be supportive of the core papers, with 62.5% of respondents rating it as "Excellent" and 37.5 % as "Good."
- The implementation of Outcome Based Education (OBE) was well-received, with 50 % of respondents rating it as "Excellent" and 50 % as "Good."
- Course outcomes were seen to contribute significantly to the fulfillment of program outcomes (PO), with 87.5% of respondents rating it as "Excellent" and 12.5% as "Good."
- Regulations and the scheme of examination were considered satisfactory, with 75% of respondents rating it as "Excellent" and 25% as "Good."
- The semester-wise course content, content delivery, methodology, and learning resources were considered satisfactory, with 62.5% of respondents rating it as "Excellent" and 37.5 % as "Good."
- Regarding the availability of library resources supporting text and reference books suggested for study, with 75% of respondents rating it as "Excellent" and 25% as "Good."
- The curriculum was highly appreciated for focusing on making students industry-

ready, providing opportunities to participate in various events, promoting self-learning, encouraging innovation, and preparing students for research proposals and entrepreneurship with 87.5% of respondents rating it as "Excellent" and 12.5 % as "Good."

- The involvement of experts from institutions and industries in the Board of Studies (BoS) was deemed highly beneficial in designing and updating the syllabus, with 75% of respondents rating it as "Excellent" and 25% as "Good."

Suggestions:

- ❖ Continue to expand opportunities for practical and hands-on learning, such as internships, industry projects, and field visits.
- ❖ Collaborate with local industries to design real-life case studies that can be incorporated into the coursework.

Chairman - BoS
CHE - HiCET

HINDUSTHAN ACADEMIC COUNCIL Chairman HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

B.E/B.Tech- CHEMICAL ENGINEERING

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech-Chemical Engineering

EmployerFeedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	7	8	-	-	15
2.	Implementation of Outcome Based Education	5	8	1	1	15
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	6	8	1		15
4.	Offered Courses related to Industry/employability	6	7	1	1	15
5.	Competencies/outcomes in relation to the course content	5	9	1	-	15
6.	Tools used for designing the experiments in terms of existing practices in the industries	4	9	2	-	15
7.	Curriculum offers a range of professional and open electives/value-added courses	8	7	-	-	15
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	7	2	1	15

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	47	53	-	-	100
2.	Implementation of Outcome Based Education	33	53	7	7	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	40	53	7	-	100
4.	Offered Courses related to Industry/employability	40	47	7	7	100
5.	Competencies/outcomes in relation to the course content	33	60	7	-	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	27	60	13	-	100
7.	Curriculum offers a range of professional and open electives/value-added courses	53	47	-	-	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	33	47	13	7	100

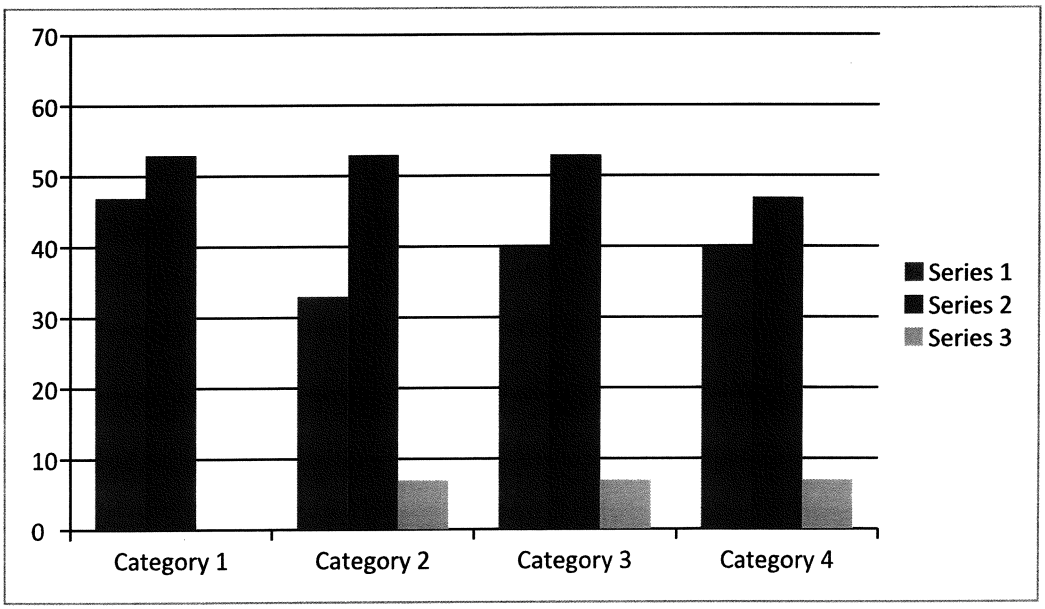

Fig.1.Employer Feedback on Curriculum

Based on the evaluation of different aspects of the curriculum and syllabus, the following observations were made:

- Quality of the Curriculum & Syllabus: The quality of the curriculum and syllabus was highly

regarded, with 47% of respondents rating it as "Excellent" and 53% as "Good."

- Implementation of Outcome Based Education: The implementation of Outcome Based Education (OBE) was generally well-received, with "33% as Excellent," 53% as "Good," and 7% as "Average."

- Emphasis on both Fundamentals and Latest Technologies: The curriculum was observed to strike a balance between fundamentals and the incorporation of latest technologies, with "40% as Excellent," 53% as "Good," and 7% as "Average."

- Courses Related to Industry/Employability: The availability of courses related to industry and employability garnered mixed feedback, "40% as Excellent," 47% as "Good," 7% as "Average and 7% neccessity to Improve"

- Course Content and Associated Competencies/Outcomes: The alignment of competencies/outcomes with the course content received varied responses, with 33% of respondents rating it as "Excellent," 63% as "Good," and 7% as "Average."

- Tools Used for Designing Experiments: The utilization of tools for designing experiments, based on existing industry practices, was positively perceived, with 27% of respondents rating it as "Excellent," 60% as "Good," and 13% as "Average."

- Professional and Open Electives/Value-Added Courses: The curriculum was found to offer a range of professional and open electives/value-added courses, with 53% of respondents rating it as "Excellent," 47% as "Good,"

- Ability to Develop Entrepreneurship and New Ideologies: The curriculum's ability to foster entrepreneurship and encourage innovative thinking received positive feedback, " 33% as Excellent," 47% as "Good," 13% as "Average and 7% neccessity to Improve"

Suggestions:

- ✓ Recommended to incorporate the following in 21CH4204- Chemical Process Industries, UNIT-V-Fundamentals of Hydrogen, Advanced Technologies, Exploration of Emerging Technologies Such as Electrolysis, Steam Methane Reforming and Biomass Conversion for Efficient Hydrogen Production, Practical Applications of Hydrogen in Various Industries and Implementing Safety Protocols for Handling and Storing Hydrogen.
- ✓ Students are attending greater number of online certificate courses offered by NPTEL,

Coursera etc,.

- ✓ Add the design and analysis-based topics in the curriculum
- ✓ Entrepreneurial skills courses to be inculcated and motivated to do startup
- ✓ Life skill course can be given as an elective course.
- ✓ Course related to waste water treatment may be offered.
- ✓ Include case study based lab experiment to enhance the programming skill among the students.
- ✓ More number of skills oriented training programs to be conducted every year.
- ✓ Large number of outreach activities to be conducted to improve the students' social connect with society.

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B.E/B.Tech- CHEMICAL ENGINEERING

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

B.E/B.Tech-Chemical Engineering

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	8	2	-	-	10
2.	Teaching Faculty treat the students equally irrespective of the background	5	4	1	-	10
3.	Transparency of the evaluation system followed by the Institution	7	2	1	-	10
4.	Infrastructure and Lab Facility available to support the curriculum.	7	2	1	-	10
5.	Availability of the text and reference books in Central and Department library.	9	1	-	-	10

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	80	20	-	-	100
2.	Teaching Faculty treat the students equally irrespective of the background	50	40	10	-	100
3.	Transparency of the evaluation system followed by the Institution	70	20	10	-	100
4.	Infrastructure and Lab Facility available to support the curriculum.	70	20	10	-	100
5.	Availability of the text and reference books in Central and Department library.	90	10	-	-	100

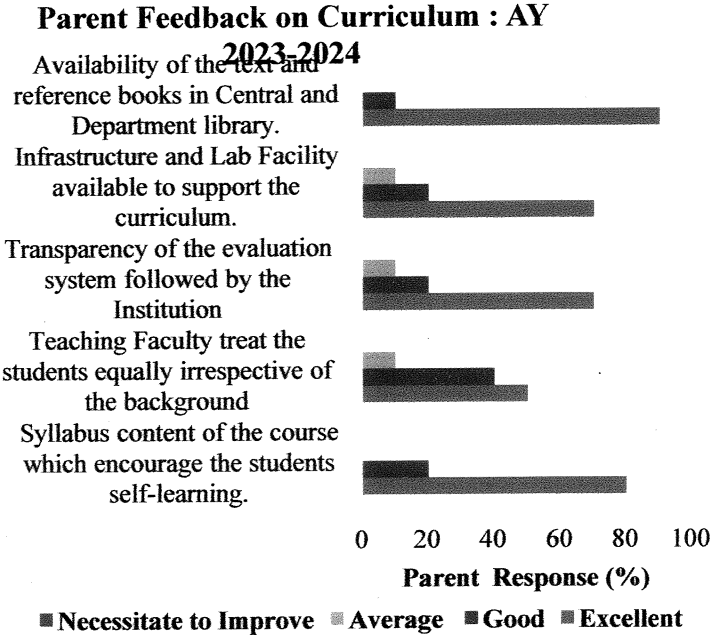

Fig.1. Parents Feedback on Curriculum

Based on the assessment of different aspects related to the course and institution, the following observations were made:

Syllabus Content Encouraging Self-learning: The syllabus content of the course was highly appreciated for encouraging self-learning, with 80% of respondents rating it as "Excellent" and 20% as "Good."

Equal Treatment of Students by Teaching Faculty: The teaching faculty was commended for treating students equally, irrespective of their background, with 50% of respondents considering it "Excellent" ,40% as "Good, and 10% as "Average."

Transparency of the Evaluation System: The transparency of the evaluation system followed by the institution received positive feedback, with 70% of respondents considering it "Excellent" ,20% as "Good, and 10% as "Average."

Infrastructure and Lab Facility: The availability of infrastructure and lab facilities to support the curriculum was found to be satisfactory, with 70% of respondents considering it "Excellent," 20% as "Good," and 10% as "Average."

Availability of Text and Reference Books: The availability of text and reference books in both the central and department library received mixed feedback. 90% of respondents rated it as "Excellent," 10% as "Good,".

- **Suggestions:**
- Opportunities towards Analytical Instrument in Curriculum may be strengthened.
- Seek funding or collaborations to upgrade facilities and provide state-of-the-art equipment for better practical learning experiences.

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B.E/B.Tech- CHEMICAL ENGINEERING

ACADEMIC EXPERT FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year : 2023-2024

Suggestions

- In 22CH4001-Heat Transfer lab & 22CH4203- Process Heat Transfer Recommended tc incorporate the following,

  UNIT-I- Optimum and economic thickness of insulation.

  UNIT-III- Heat transfer to boiling liquids – mechanism of boiling, nucleate boiling and film boiling

  UNIT-IV- Radiation shields, Boiling point elevation (Duhring rule), Vapor recompression method.

  UNIT-V- Special type of heat exchangers.

- In 22CH4201- Mass Transfer Operations-I Recommended to incorporate the following,

  UNIT-I- Scope of Mass Transfer Operations - Classification of Mass Transfer Operations - Choice of Separation method - Methods of conducting Mass Transfer Operations.

  UNIT-II- gas phase & liquid phase controlled situations

  UNIT-III- Air-water system - Adiabatic saturation curves, wet bulb temperature – Psychrometric charts – humidification and dehumidification

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B.E/B.Tech- CHEMICAL ENGINEERING

STUDENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

B.E/B.Tech -Chemical Engineering

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	20	20	8	0	48
2.	Course objective & course outcomes are achieved in the syllabus.	28	14	6		48
3.	Professional and open Electives offered are supportive to the core papers.	20	25	3		48
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	22	26	0		48
5.	Profundity of the course content in the syllabus.	26	20	2		48
6.	Exact Sequence of the courses provided in the curriculum	28	20	0	0	48
7.	Syllabus coverage in class by the teaching faculty	30	15	2	1	48
8.	Faculty Encouragement in learning process	32	13	2	1	48
9.	Teaching and learning process enables clear understanding of the course content.	35	7	5	1	48
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	40	5	2	1	48
11.	Availability of library resources in central and departmental library.	38	8	1	1	48
12.	Reliability of Assessment and Evaluation Process.	26	20	2		48
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	28	20	0	0	48
14.	Curriculum has ability to develop Entrepreneurship and Employability.	30	15	2	1	48

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	42	42	17	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	58	29	13	0	100
3.	Professional and open Electives offered are supportive to the core papers.	42	52	6	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	46	54	0	0	100
5.	Profundity of the course content in the syllabus.	54	42	4	0	100
6.	Exact Sequence of the courses provided in the curriculum.	58	42	0	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	63	31	4	2.083333333	100
8.	Faculty Encouragement in learning process.	67	27	4	2.083333333	100
9.	Teaching and learning process enables clear understanding of the course content.	73	15	10	2.083333333	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	83	10	4	2.1	100
11.	Availability of library resources in central and departmental library.	79	17	2	2.083333333	100
12.	Reliability of Assessment and Evaluation Process.	54	42	4	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	58	42	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	63	31	4	2.083333333	100

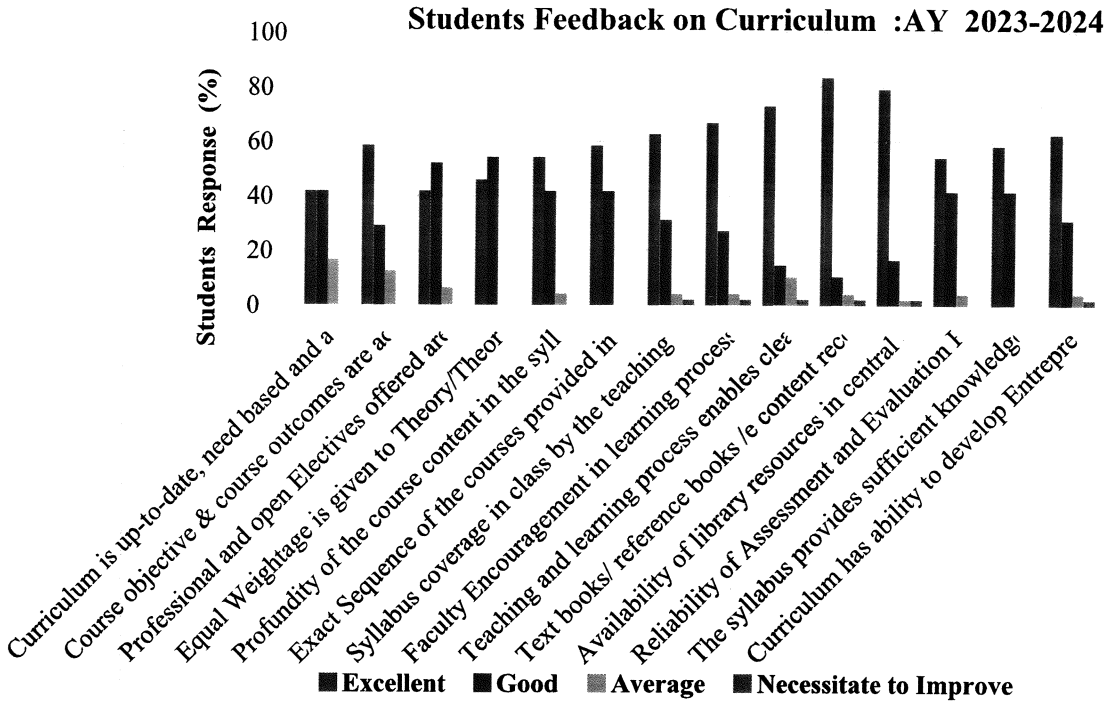
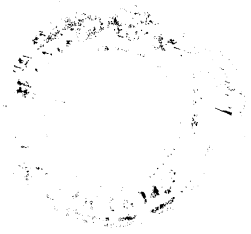


Fig.1. Students Feedback on Curriculum

Based on the assessment of various aspects related to the curriculum and syllabus, the following observations were made:

- Curriculum is up-to-date, need-based and application-oriented: The curriculum was highly praised for its relevance, with 42%, 42% and 17% as excellent, good and average respectively.
- Course Objective & Course Outcomes Achievement: The achievement of course objectives and outcomes in the syllabus was well-regarded, with 58%, and 29% and 13% as excellent, good and average respectively.
- Supportive Electives for Core Papers: The offering of professional and open electives supportive of core papers received positive feedback, with 42%, 52% and 6% as excellent, good and average respectively.
- Equal Weightage to Course Content: The equal weightage given to theory, theory with laboratory, practical, and mandatory course content was appreciated, with 46 % as excellent and 54% good respectively.
- Profundity of Course Content: The depth of the course content in the syllabus was perceived positively, with 54% of respondents considering it "Excellent," 42% as "Good," and 4% as "Average."
- Exact Sequence of the Courses Provided: The exact sequence of the courses provided in the curriculum was well-regarded, with 58% of respondents considering it "Excellent," 42% as "Good," 4%.



- Syllabus Coverage in Class: The coverage of the syllabus in class by the teaching faculty received mixed feedback, with 63% of respondents considering it "Excellent," 31% as "Good," 4% as "Average, and 2% as necessity to improve
- Faculty Encouragement in Learning Process: Faculty encouragement in the learning process was rated positively, with 67% of respondents considering it "Excellent," 27% as "Good," 4% as "Average, and 2 % as necessity to improve
- Clear Understanding of Course Content: The teaching and learning process enabling a clear understanding of the course content was well-received, with 73% of respondents considering it "Excellent," 15% as "Good," 10% as "Average, and 2% as necessity to improve."
- Relevance and Updates of Recommended Books: The relevance and updates of text/reference books and e-content recommended in the syllabus received mixed feedback, considering it "83% as Excellent," 10% as "Good," 4 % as "Average, and 2% as necessity to improve
- Availability of Library Resources: The availability of library resources in central and departmental libraries was rated moderately, with 79% of respondents considering it "Excellent," 17% as "Good," and 2% as "Average, and 2%as necessity to improve "
- Reliability of Assessment and Evaluation Process: The reliability of the assessment and evaluation process was perceived positively, with 54% of respondents rating it as "Excellent," 42% as "Good," and 4% as "Average."
- Sufficient Knowledge & Perspective in Respective Branch: The syllabus was regarded as providing sufficient knowledge and perspective in the respective branch, with 58% of respondents considering it "Excellent," 42% as "Good,".
- Ability to Develop Entrepreneurship and Employability: The curriculum's ability to develop entrepreneurship and employability was well-received, with 63% of respondents rating it as "Excellent," 31% as "Good," and 4% as "Average, and 2% as necessity to improve "

Suggestions:

- ❖ Offer skill development workshops, boot camps, and training sessions to equip students with essential entrepreneurial and employability skills, such as communication, teamwork, problem-solving, and critical thinking.
- ❖ Provide opportunities for students to work to do training in Piping Design Engineering
- ❖ Establish an entrepreneurship incubation centre on campus to support aspiring entrepreneurs with mentorship, funding opportunities, and networking resources.
- ❖ More skill development courses and Employability Enhancement courses may be offered in the Curriculum

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MCA – COMPUTER APPLICATIONS

ALUMNI FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

MCA – COMPUTER APPLICATIONS

Alumni Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Alumni Feedback report on curriculum

Sl. No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Alumni Response					
1.	Course objectives and outcome of the syllabus are clearly defined.	4				4
2.	Regulations and Scheme of Examination	3	1			4
3.	Semester-wise course content	4				4
4.	Content Delivery, Methodology & Learning Resources	3	1			4
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	4				4
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshop to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	3	1			4
7.	Availability of library resources supports Text and Reference Books suggested to study	3	1			4

Table.2. Consolidated Alumni Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	100	0	0	0	100
2.	Regulations and Scheme of Examination	75	25	0	0	100
3.	Semester-wise course content	100	0	0	0	100
4.	Content Delivery, Methodology & Learning Resources	75	25	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	100	0	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	75	25	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	75	25	0	0	100

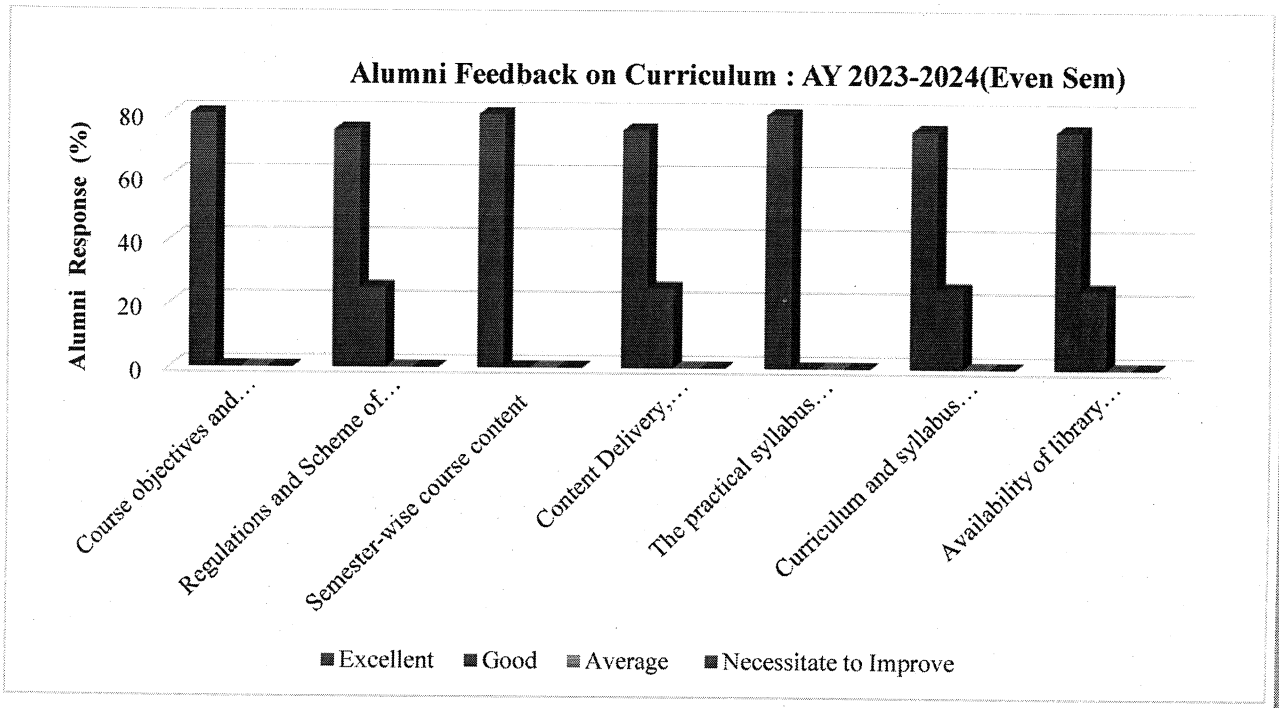

Fig.1.Alumni Feedback on Curriculum

- "Regarding Aim, objectives and outcome of the syllabi are well defined and clear", 100% Alumni are highly satisfied.
- In the case of the Regulations and Scheme of Examination, 75% Alumni are highly satisfied and 25% are satisfied.
- With respect to the Semester-wise course content, 100% Alumni are highly satisfied.
- In the case of Content Delivery, Methodology & Learning Resources, Alumni is 75% highly satisfied, 25% are satisfied.
- Considering the use of the practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students, Alumni is 100% highly satisfied.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship, 75% Alumni are highly satisfied and 25% are satisfied.
- In the case of the Availability of library resources supports Text and Reference Books suggested to study, 75% Alumni are highly satisfied and 25% are satisfied.

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MCA – COMPUTER APPLICATIONS

EMPLOYER FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

MCA – COMPUTER APPLICATIONS

Employer Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Employer Response					
1.	Quality of the Curriculum & Syllabus	4				4
2.	Implementation of Outcome Based Education	4				4
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	4				4
4.	Offered Courses related to Industry/employability	4				4
5.	Competencies/outcomes in relation to the course content	3	1			4
6.	Tools used for designing the experiments in terms of existing practices in the industries	4				4
7.	Curriculum offers a range of professional and open electives/value-added courses	4				4
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	4				4

Table.2. Consolidated Employer Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	100	0	0	0	100
2.	Implementation of Outcome Based Education	100	0	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	100	0	0	0	100
4.	Offered Courses related to Industry/employability	100	0	0	0	100
5.	Competencies/outcomes in relation to the course content	75	25	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	100	0	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	100	0	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	100	0	0	0	100

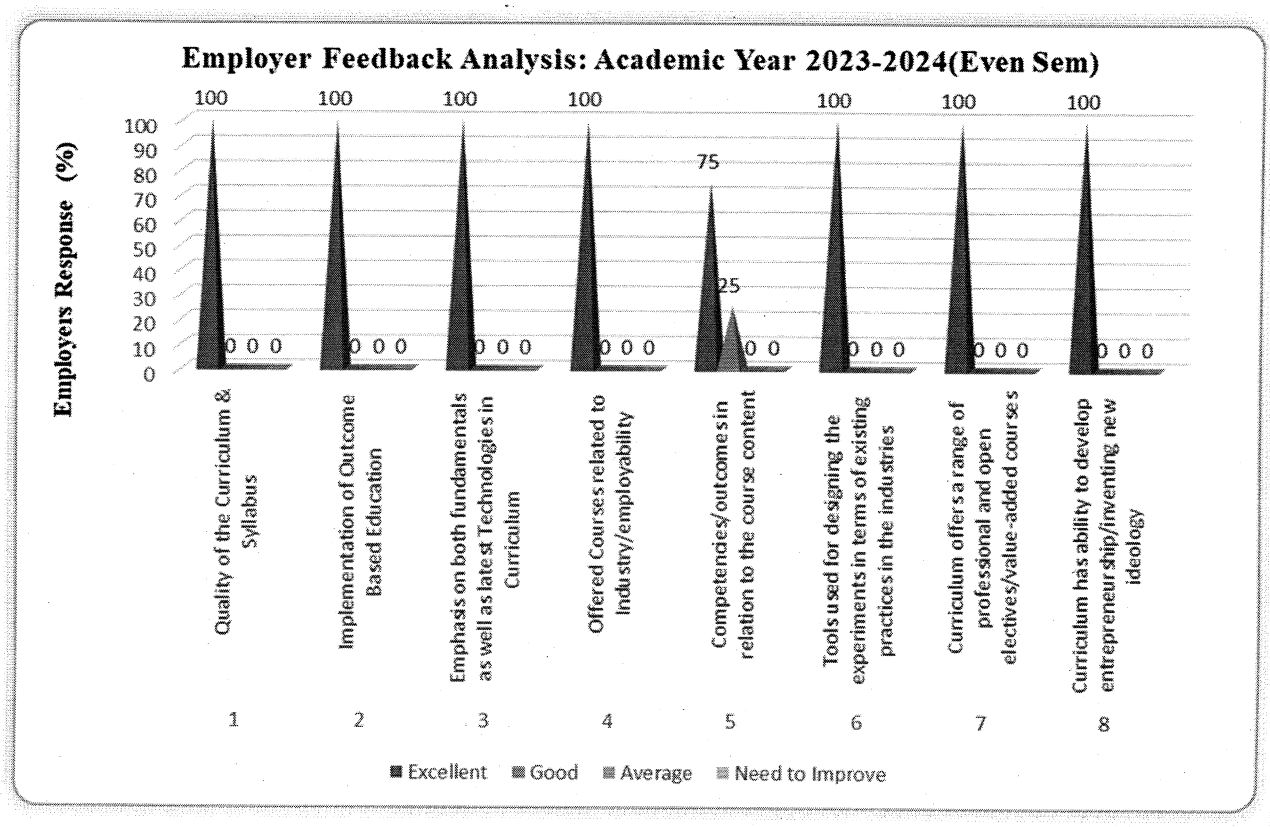

Fig.1.Employer Feedback on Curriculum

- Quality of the Curriculum & Syllabus, the employer is 100% highly satisfied.
- Implementation of Outcome Based Education, the employer is 100% highly satisfied.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum, the employer is 100% highly satisfied.
- Offered Courses related to Industry/employability, 100% of employers are highly satisfied.
- Competencies/outcomes in relation to the course content, 75% of employers are highly satisfied and 25% are satisfied.
- Tools used for designing the experiments in terms of existing practices in the industries, 100% of employers are highly satisfied.
- Curriculum offers a range of professional and open electives/value-added courses, the employer is 100% highly satisfied.
- Curriculum has ability to develop entrepreneurship/inventing new ideology, 72 percentage of companies are given excellent, 100% of employers are highly satisfied.

Suggestions:

- ✓ Reduction of content in Web Development paper.
- ✓ The 4th unit topics of Python Programming can be changed to Object Oriented Programming using python and revisions to be made.
- ✓ Transfer of Web development paper from third semester to Second semester and

to include recent technologies in it.

- ✓ Include first 3 units with Digital Logic concepts and the remaining two units with Embedded Systems and sensors for Embedded System and Sensors paper.

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MCA – COMPUTER APPLICATIONS

STUDENTS FEED BACK ANALYSIS

ODD SEMESTER

Academic Year :2023-2024

MCA – COMPUTER APPLICATIONS

Students Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Students Feedback report on curriculum

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Students Response					
1.	Curriculum is up-to-date, need based and application oriented.	63	1			64
2.	Course objective & course outcomes are achieved in the syllabus.	61	2	1		64
3.	Professional and open Electives offered are supportive to the core papers.	60	3	1		64
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	59	3	2		64
5.	Profundity of the course content in the syll abus.	59	3	2		64
6.	Exact Sequence of the courses provided in the curriculum	61	3			64
7.	Syllabus coverage in class by the teaching faculty	61	2	1		64
8.	Faculty Encouragement in learning process	63	1			64
9.	Teaching and learning process enables clear understanding of the course content.	62	2			64
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	59	5			64
11.	Availability of library resources in central and departmental library.	61	3			64
12.	Reliability of Assessment and Evaluation Process.	62	2			64
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	62	2			64
14.	Curriculum has ability to develop Entrepreneurship and Employability.	63	1			64

Table.2. Consolidated Students Feedback report on curriculum in Percentage (%)

S.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Percentage
1.	Curriculum is up-to-date, need based and application oriented.	98	2	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus.	95	3	2	0	100
3.	Professional and open Electives offered are supportive to the core papers.	94	5	2	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content.	92	5	3	0	100
5.	Profundity of the course content in the syllabus.	92	5	3	0	100
6.	Exact Sequence of the courses provided in the curriculum.	95	5	0	0.0	100
7.	Syllabus coverage in class by the teaching faculty.	95	3	2	0	100
8.	Faculty Encouragement in learning process.	98	2	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	97	3	0	0	100
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	92	8	0	0.0	100
11.	Availability of library resources in central and departmental library.	95	5	0	0.0	100
12.	Reliability of Assessment and Evaluation Process.	97	3	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	97	3	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	98	2	0	0	100

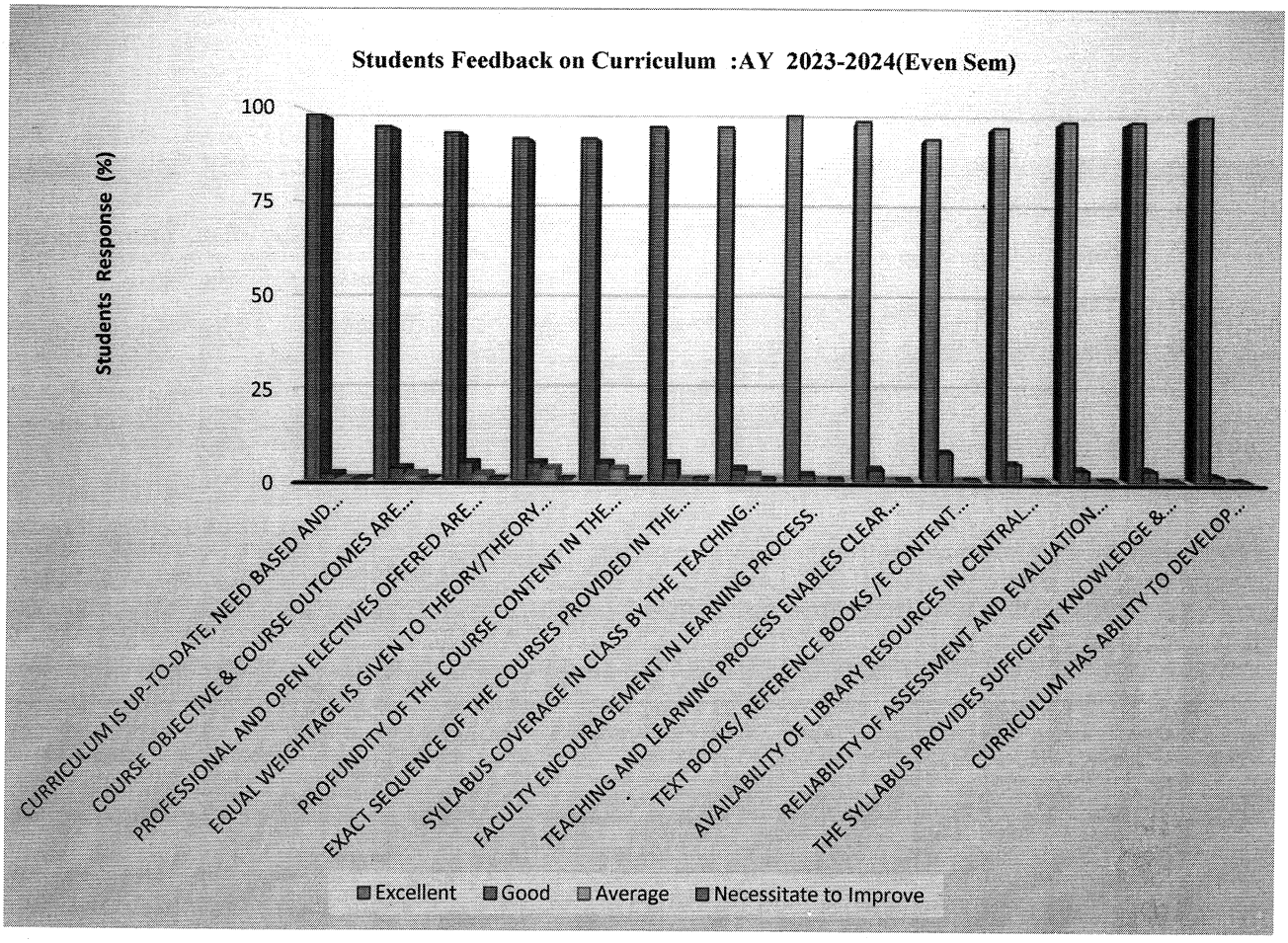

Fig.1.Students Feedback on Curriculum

- Regarding Curriculum is up-to-date and application-oriented design 98% of students are highly satisfied, 2% are satisfied.
- In the case of Course content & course outcomes are derived in accordance with outcome-based education system 95% of students are highly satisfied, 3% of students are satisfied and 2% are averagely satisfied.
- With respect to Professional and open Electives offered are supportive to the core papers 94 % of students are highly satisfied, 5 % of students are satisfied and 2% of students are averagely satisfied
- In the Equal Weightage is given to theory and practical course content 92 % of students are highly satisfied, 5 % of students are satisfied and 3% are moderately satisfied.
- Considering the use of Profundity of the course content in the syllabus 92% of students are highly satisfied, 5% of students are satisfied and 3% are moderately satisfied.
- In the case of Exact Sequence of the courses provided in the curriculum. 95% of students are highly satisfied, 5% of students are satisfied.
- Syllabus coverage in class by the teaching faculty 95% of students are highly satisfied, 3% of students are satisfied and 2% are moderately satisfied.

- Faculty Encouragement in learning process 198 % of students are highly satisfied and 2% of students are satisfied.
- Teaching and learning process enables clear understanding of the course content 97% of students are highly satisfied, 3% of students are satisfied.
- Text books/ reference books /e content recommended in the syllabus are relevant and updated, 92% of students are highly satisfied, 8% of students are satisfied.
- Availability of library resources in central and departmental library, 95% of students are highly satisfied, 5% of students are satisfied
- Reliability of assessment & evaluation process 97% of students are highly satisfied, 3% of students are satisfied.
- The syllabus provides sufficient knowledge & perspective in the respective branch. 97 % of students are highly satisfied, 3% of students are satisfied.
- With respect to Curriculum has ability to develop Entrepreneurship and Employability 98% of students are highly satisfied, 2% of students are satisfied.

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MCA – COMPUTER APPLICATIONS

PARENTS FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

MCA – COMPUTER APPLICATIONS

Parents Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Parents Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Parent Response					
1.	Syllabus content of the course which encourage the students self-learning.	4				4
2.	Teaching Faculty treat the students equally irrespective of the background	3	1			4
3.	Transparency of the evaluation system followed by the Institution	4				4
4.	Infrastructure and Lab Facility available to support the curriculum.	4	0			4
5.	Availability of the text and reference books in Central and Department library.	4				4

Table.2. Consolidated Parents Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Syllabus content of the course which encourage the students self-learning.	100	0	0	0	100
2.	Teaching Faculty treat the students equally irrespective of the background	75	25	0	0	100
3.	Transparency of the evaluation system followed by the Institution	100	0	0	0	100
4.	Infrastructure and Lab Facility available to support the curriculum.	100	0	0	0	100
5.	Availability of the text and reference books in Central and Department library.	100	0	0	0	100

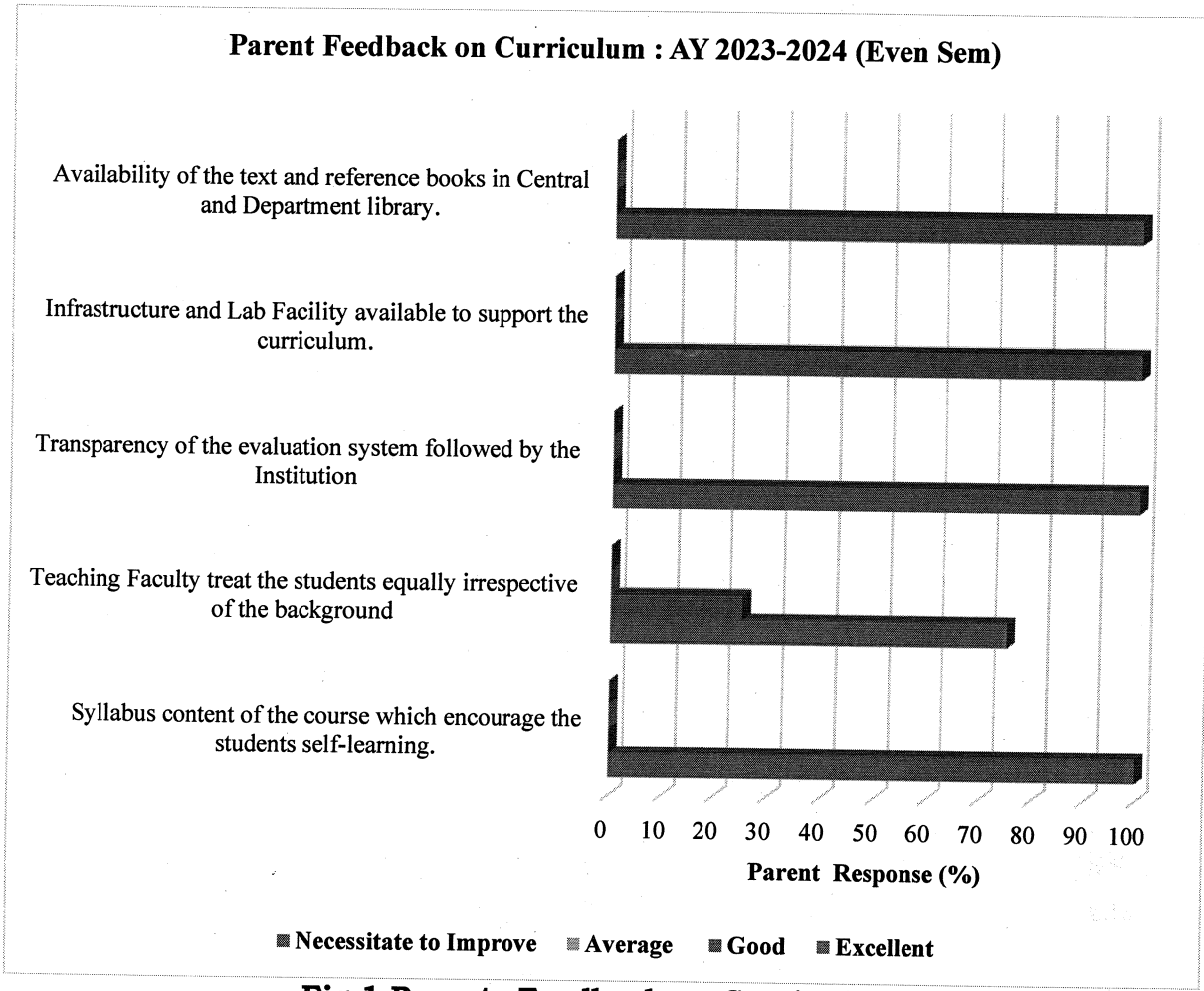


Fig.1.Parents Feedback on Curriculum

- In the case of Syllabus content of the course which encourage the students self-learning. 100 % of parents are highly satisfied.
- Regarding to Teaching Faculty treat the students equally irrespective of the background 75 % of parents are highly satisfied and 25% of parents are satisfied.
- With respect to the Transparency of the evaluation system followed by the Institution 100 % of parents are highly satisfied.
- Infrastructure and Lab Facility available to support the curriculum 100 % of parents are highly satisfied.
- In the case of Availability of the text and reference books in Central and Department library 100 % of parents are highly satisfied.

Chairman - BoS
MCA - HiCET

HINDUSTHAN COLLEGE OF ENGG & TECH ★ ACADEMIC COUNCIL ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

MCA – COMPUTER APPLICATIONS

FACULTY FEED BACK ANALYSIS

EVEN SEMESTER

Academic Year :2023-2024

MCA – COMPUTER APPLICATIONS

Faculty Feedback on Curriculum: Academic Year 2023-2024

Table.1. Consolidated Faculty Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
	Faculty Response					
1.	Curriculum is up-to-date, need based and application oriented	7	1			8
2.	Electives offered are supportive to the core papers	7	1			8
3.	Implementation of Outcome Based Education	6	2			8
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	8				8
5.	Regulations and Scheme of Examination	8				8
6.	Semester-wise course content	8				8
7.	Content Delivery, Methodology and Learning Resources	8				8
8.	Availability of library resources supports Text and Reference Books suggested to study	6	2			8
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	8				8
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	6	2			8

Table.2. Consolidated Faculty Feedback report on curriculum in Percentage (%)

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	87.5	12.5	0	0	100
2.	Electives offered are supportive to the core papers	87.5	12.5	0	0	100
3.	Implementation of Outcome Based Education	75.0	25.0	0	0	100
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	100.0	0.0	0	0	100
5.	Regulations and Scheme of Examination	100.0	0.0	0	0	100
6.	Semester-wise course content	100.0	0.0	0	0	100
7.	Content Delivery, Methodology and Learning Resources	100.0	0.0	0	0	100
8.	Availability of library resources supports Text and Reference Books suggested to study	75.0	25.0	0	0	100
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars /Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	100.0	0.0	0	0	100
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	75	25	0	0	100

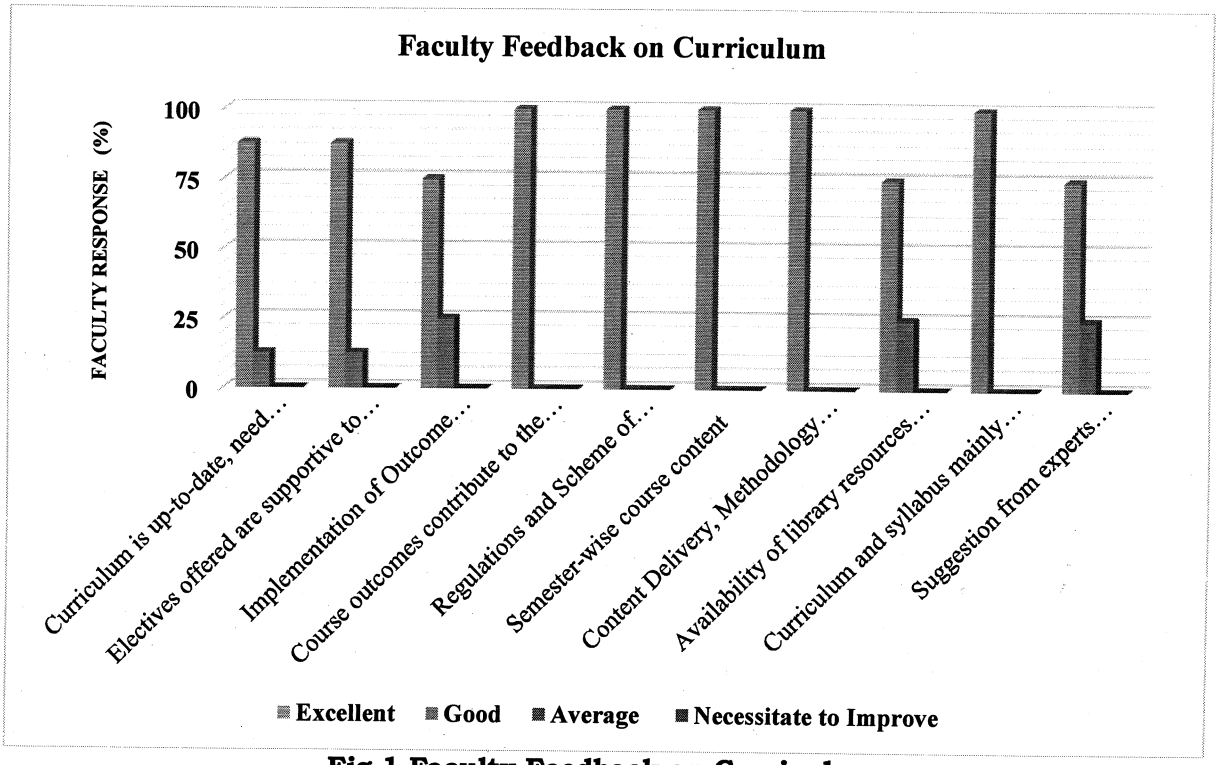


Fig.1.Faculty Feedback on Curriculum

- Regarding the Curriculum is up-to-date, need based and application oriented 87.5% of faculties are highly satisfied and 12.5% of faculties are satisfied.
- In the case of Electives offered are supportive to the core papers 87.5 % of faculties are highly satisfied and 12.5 % of faculties are satisfied.
- "Implementation of Outcome Based Education papers", 75% of faculties are highly satisfied and 25 % of faculties are satisfied.
- With respect to Course outcomes contribute to the fulfilment of program outcomes (PO), 100% of faculties are highly satisfied.
- With respect to the Regulations and Scheme of Examination 100% of faculties are highly satisfied.
- In the case of Semester-wise course content 100% of faculties are highly satisfied.
- Considering the use of Content Delivery, Methodology and Learning Resources 100 % of faculties are highly satisfied.
- In the case of Availability of library resources supports Text and Reference Books suggested to study 75 % of faculties are highly satisfied and 25 % of faculties are satisfied.
- In Opportunity to Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship 100% of faculties are highly satisfied.

- Regarding the Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus 75% of faculties are highly satisfied and 25% faculties are satisfied.

Chairman - BoS
MCA - HiCET

HINDUSTHAN ACADEMIC COUNCIL
Chairman
HINDUSTHAN COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore- 641 032

Syllabus Revision based Stakeholders suggestion -AY 2023-2024 (Even Semester)

Department of Management Sciences

Stakeholders'	Stakeholders' suggestion	Programme code	Percentage of Revision	Action Taken
Student	Suggested to add more practical oriented courses	-	-	Considered
Alumni	Suggest more practical exposure to be needed			Considered
Employer	Innovative case studies and more exposure about industry	-	-	Considered
Academic expert	Awareness to the students on online courses	-	-	Incorporated
Faculty	1. Need more industry experts for updating syllabus. 2.Current curriculum has to be restructured to meet out the institution's and department's objectives. 3.Number of papers should be reduced in fourth semester	-	-	Considered

Chairman - BOS

Chairman - BOS
MBA, HICET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

STUDENT FEED BACK ANALYSIS

2022-2023 (Even Semester)

MBA (Master of Business Administration)

Student Feedback on Curriculum: Academic Year 2022-2023 (Even Semester)

Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Curriculum is up-to-date, need based and application oriented	10	0	0	0	10
2.	Course objective & course outcomes are achieved in the syllabus	10	0	0	0	10
3.	Professional and open Electives offered are supportive to the core papers	4	6	0	0	10
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	5	5	0	0	10
5.	Profundity of the course content in the syllabus	4	6	0	0	10
6.	Exact Sequence of the courses provided in the curriculum	6	4	0	0	10
7.	Syllabus coverage in class by the teaching faculty	7	3	0	0	10
8.	Faculty Encouragement in learning process	3	7	0	0	10
9.	Teaching and learning process enables clear understanding of the course content.	5	5	0	0	10
10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	4	6	0	0	10
11.	Availability of library	8	2	0	0	10

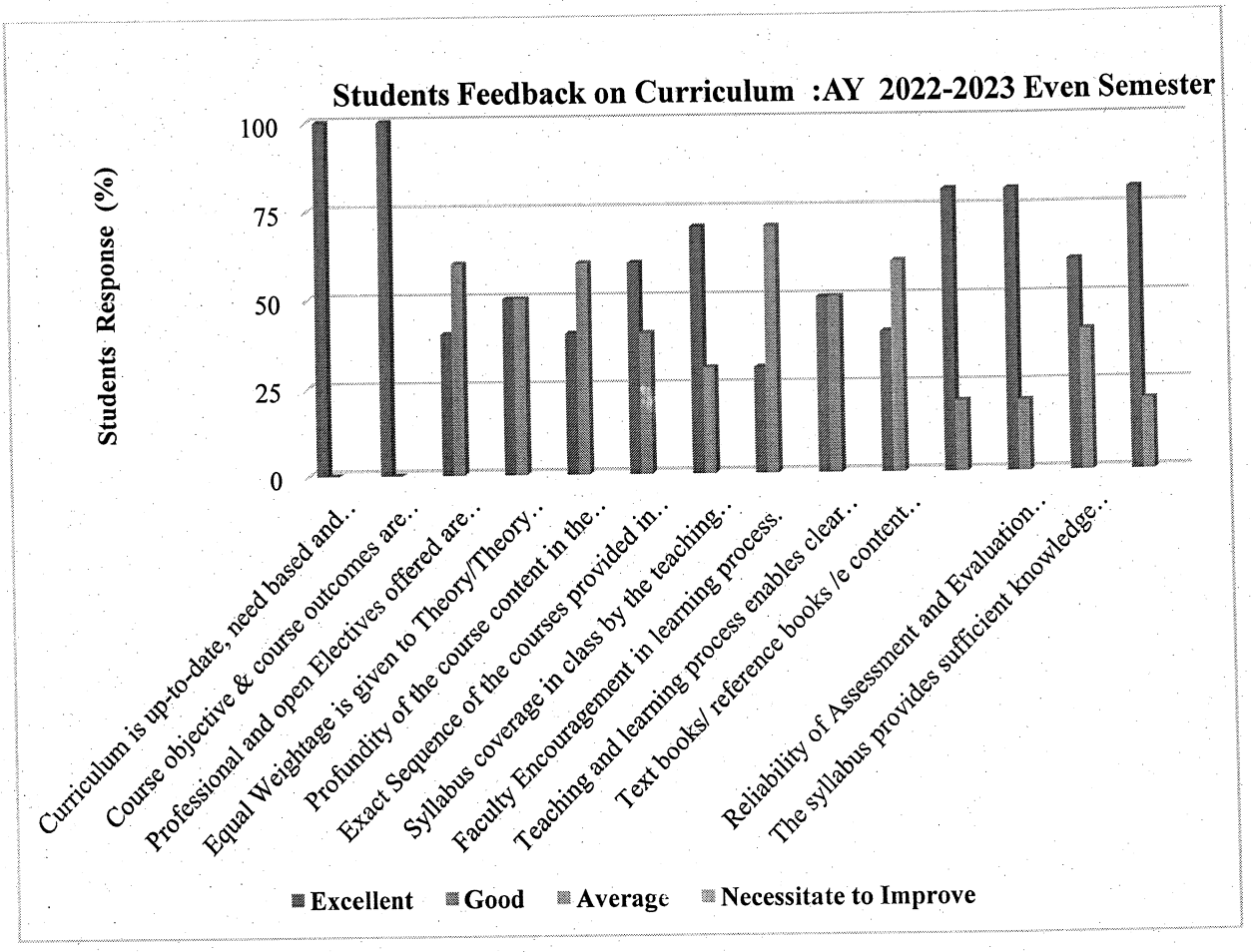
	resources in central and departmental library.					
12.	Reliability of Assessment and Evaluation Process.	8	2	0	0	10
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	6	4	0	0	10
14.	Curriculum has ability to develop Entrepreneurship and Employability.	8	2	0	0	10

Table.2. Consolidated Student Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Curriculum is up-to-date, need based and application oriented	100	0	0	0	100
2.	Course objective & course outcomes are achieved in the syllabus	100	0	0	0	100
3.	Professional and open Electives offered are supportive to the core papers	40	60	0	0	100
4.	Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content	50	50	0	0	100
5.	Profundity of the course content in the syllabus	40	60	0	0	100
6.	Exact Sequence of the courses provided in the curriculum	60	40	0	0	100
7.	Syllabus coverage in class by the teaching faculty	70	30	0	0	100
8.	Faculty Encouragement in learning process	30	70	0	0	100
9.	Teaching and learning process enables clear understanding of the course content.	50	50	0	0	100

10.	Text books/ reference books /e content recommended in the syllabus are relevant and updated.	40	60	0	0	100
11.	Availability of library resources in central and departmental library.	80	20	0	0	100
12.	Reliability of Assessment and Evaluation Process.	80	20	0	0	100
13.	The syllabus provides sufficient knowledge & perspective in the respective branch.	60	40	0	0	100
14.	Curriculum has ability to develop Entrepreneurship and Employability.	80	20	0	0	100

Fig.1.Student Feedback on Curriculum



REPORT

The student response to feedback on the curriculum was given below

- Curriculum is up-to-date, need based and application oriented has scored 100 % excellent
- Course objective & course outcomes are achieved in the syllabus has scored 100% excellent
- Professional and open Electives offered are supportive to the core papers has scored 40% excellent and 60% good
- Equal Weightage is given to Theory/Theory with laboratory /Practical/Mandatory course content has scored 50% excellent and 50 % good
- Profundity of the course content in the syllabus has scored 40% excellent and 60% good
- Exact Sequence of the courses provided in the curriculum has scored 60 % excellent and 40% good
- Syllabus coverage in class by the teaching faculty has secured 70% excellent and 30 % good
- Faculty Encouragement in learning process has secured 30% excellent and 77 % good
- Teaching and learning process enables clear understanding of the course content has secured 50% excellent and 50% good
- Text books/ reference books /e content recommended in the syllabus are relevant and updated has secured 40% excellent and 60% good
- Availability of library resources in central and departmental library has secured 80% excellent 20% good
- Reliability of Assessment and Evaluation Process has secured 80% excellent and 20% good
- The syllabus provides sufficient knowledge & perspective in the respective branch has secured 60% excellent and 40% good.
- Curriculum has ability to develop Entrepreneurship and Employability has secured 80% excellent and 20% good

Suggestions

- ✓ Students have suggested adding more practical oriented courses.

Chairman - BoS
MBA - HiCET

HINDUSTHAN COLLEGE OF ENGINEERING ACADEMIC COUNCIL Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

PARENT FEED BACK ANALYSIS

2023-2024 (Even Semester)

MBA (Master of Business Administration)

Parent Feedback on Curriculum: Academic Year 2023-2024(Even Semester)

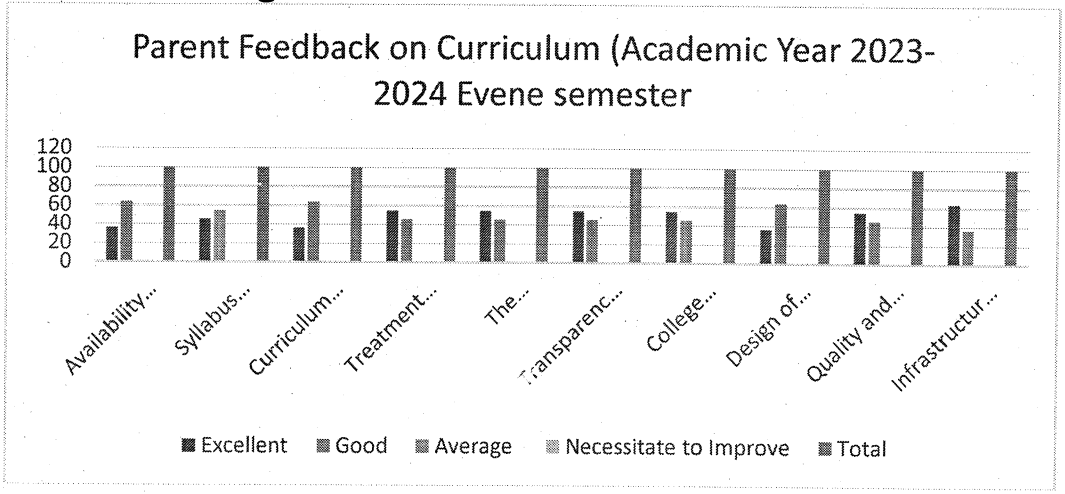
Table.1. Consolidated Parent Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Availability of the text and reference books in Central and Department library.	4	7	0	0	11
2.	Syllabus content of the course in terms of burden of the students]	5	6	0	0	11
3.	Curriculum is up-to-date, application oriented meet and need based	4	7	0	0	11
4.	Treatment of the student by the faculty irrespective of the background	6	5	0	0	11
5.	The outcomes(Grade) that your ward has achieved from the courses	6	5	0	0	11
6.	Transparency of the evaluation system followed by the College	6	5	0	0	11
7.	College curriculum and activities that help your ward in getting jobs and placements?	6	5	0	0	11
8.	Design of Courses in terms of Extra Learning and Self learning	4	7	0	0	11
9.	Quality and relevance of the courses included in the curriculum	6	5	0	0	11
10.	Infrastructure and Lab Facility available to support the curriculum	7	4	0	0	11

Table.2. Consolidated Parent Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Availability of the text and reference books in Central and Department library.	36	64	0	0	100
2.	Syllabus content of the course in terms of burden of the students]	45	55	0	0	100
3.	Curriculum is up-to-date, application oriented meet and need based	36	64	0	0	100
4.	Treatment of the student by the faculty irrespective of the background	55	45	0	0	100
5.	The outcomes(Grade) that your ward has achieved from the courses	55	45	0	0	100
6.	Transparency of the evaluation system followed by the College	55	45	0	0	100
7.	College curriculum and activities that help your ward in getting jobs and placements?	55	45	0	0	100
8.	Design of Courses in terms of Extra Learning and Self learning	36	64	0	0	100
9.	Quality and relevance of the courses included in the curriculum	55	45	0	0	100
10.	Infrastructure and Lab Facility available to support the curriculum	64	36	0	0	100

Fig.1.Parent Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- Availability of the text and reference books in Central and Department library has secured score of 36% excellent and 64% good.
- Syllabus content of the course in terms of burden of the students has secured score of 45% excellent and 55% good.
- Curriculum is up-to-date, application oriented meet and need basedhas secured score of 36% excellent and 64% good.
- Treatment of the student by the faculty irrespective of the backgroundhas secured score of 55% excellent and 45% good.
- The outcomes(Grade) that your ward has achieved from the courseshas secured score of 55% excellent and 45% good.
- Transparency of the evaluation system followed by the Collegehas secured score of 55% excellent and 45% good.
- College curriculum and activities that help your ward in getting jobs and placements has secured score of 55% excellent and 45% good.
- Design of Courses in terms of Extra Learning and Self learninghas secured score of 36% excellent and 64% good.
- Quality and relevance of the courses included in the curriculumhas secured score of 55% excellent and 45% good.
- Infrastructure and Lab Facility available to support the curriculumhas secured score of 64% excellent and 36% good.

Suggestions

Most of the parent has appreciated the curriculum and syllabi.

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL ★ HINDUSTHAN COLLEGE OF ENGG & TECH ★ Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

ALUMNI FEED BACK ANALYSIS

2023-2024 (Even Semester)

MBA (Master of Business Administration)

Alumni Feedback on Curriculum: Academic Year 2023-2024 Even Semester

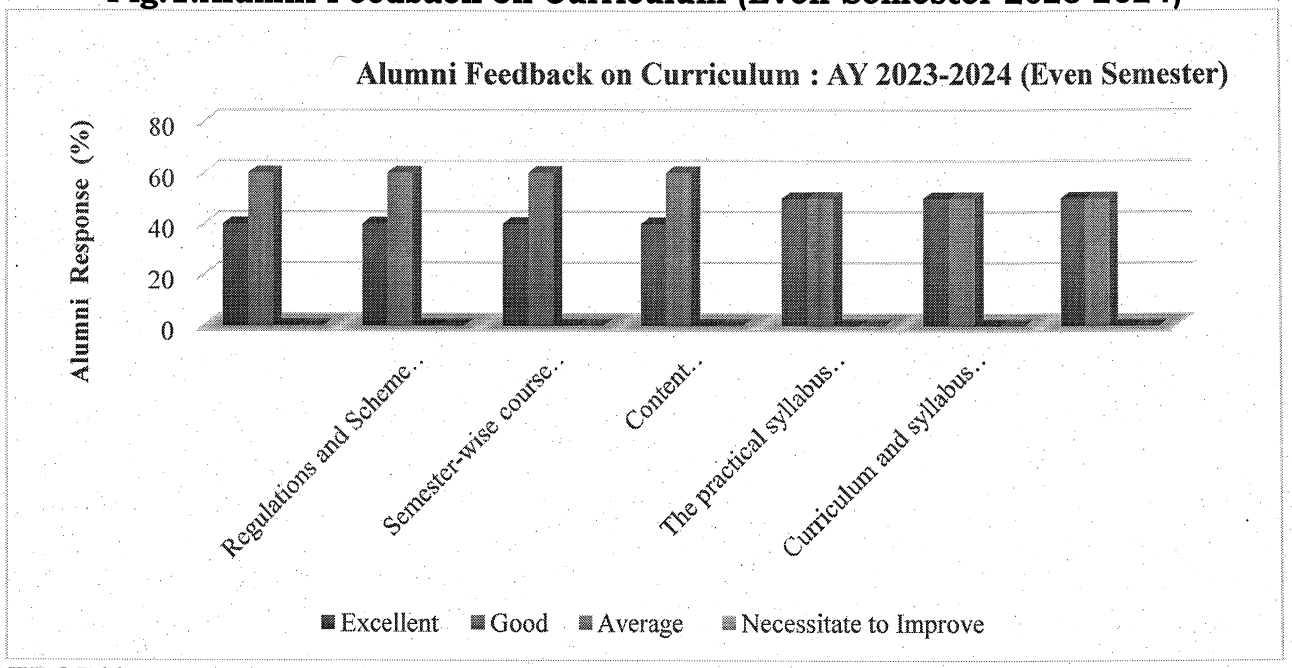
Table.1. Consolidated Student Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Course objectives and outcome of the syllabus are clearly defined.	4	6	0	0	10
2.	Regulations and Scheme of Examination	4	6	0	0	10
3.	Semester-wise course content	4	6	0	0	10
4.	Content Delivery, Methodology & Learning Resources	4	6	0	0	10
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	5	5	0	0	10
6.	Curriculum and syllabus mainlyfocusstudents on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	5	5	0	0	10
7.	Availability of library resources supports Text and Reference Books suggested to study	5	5	0	0	10

Table.2. Consolidated Alumni Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Course objectives and outcome of the syllabus are clearly defined.	40	60	0	0	100
2.	Regulations and Scheme of Examination	40	60	0	0	100
3.	Semester-wise course content	40	60	0	0	100
4.	Content Delivery, Methodology & Learning Resources	40	60	0	0	100
5.	The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students.	50	50	0	0	100
6.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Webinars/ Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship.	50	50	0	0	100
7.	Availability of library resources supports Text and Reference Books suggested to study	50	50	0	0	100

Fig.1.Alumni Feedback on Curriculum (Even Semester 2023-2024)



REPORT

The Alumni response to feedback on the curriculum was given below

- Course objectives and outcome of the syllabus has secured score of 40% excellent and 60% good.
- Regulations and Scheme of Examination has secured score of 40% excellent and 60% good
- Semester-wise course content has secured score of 40% excellent and 60% good
- Content Delivery, Methodology & Learning Resources has secured score of 40% excellent and 60% good
- The practical syllabus empowers to develop experimental, design, problem solving and analysis skills of the students has secured 50% excellent and 50% good.
- Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute in events has secured 50% excellent and 50% good
- Availability of library resources supports Text and Reference Books suggested to study has secured score of 50% excellent and 50% good

Suggestion

- ✓ The alumni members havesuggested providing more practical exposure.

Chairman - BoS
MBA HiCET

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

EMPLOYER FEED BACK ANALYSIS

2023-2024 (Even Semester)

MBA (Master of Business Administration)

Employer Feedback on Curriculum: Academic Year 2023-2024 (Even Semester)

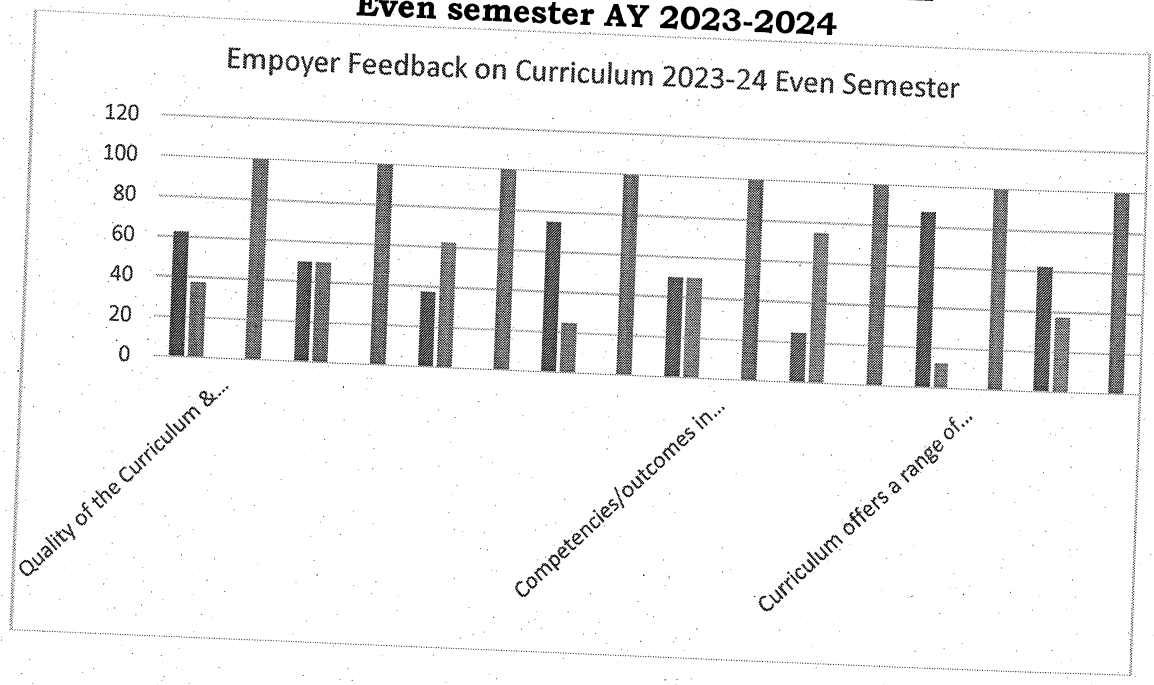
Table.1. Consolidated Employer Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	5	3	0	0	8
2.	Implementation of Outcome Based Education	4	4	0	0	8
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	3	5	0	0	8
4.	Offered Courses related to Industry/employability	6	2	0	0	8
5.	Competencies/outcomes in relation to the course content	4	4	0	0	8
6.	Tools used for designing the experiments in terms of existing practices in the industries	2	6	0	0	8
7.	Curriculum offers a range of professional and open electives/value-added courses	7	1	0	0	8
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	5	3	0	0	8

Table.2. Consolidated Employer Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	62	38	0	0	100
2.	Implementation of Outcome Based Education	50	50	0	0	100
3.	Emphasis on both fundamentals as well as latest Technologies in Curriculum	38	62	0	0	100
4.	Offered Courses related to Industry/employability	75	25	0	0	100
5.	Competencies/outcomes in relation to the course content	50	50	0	0	100
6.	Tools used for designing the experiments in terms of existing practices in the industries	25	75	0	0	100
7.	Curriculum offers a range of professional and open electives/value-added courses	88	12	0	0	100
8.	Curriculum has ability to develop entrepreneurship/inventing new ideology	62	38	0	0	100

Fig.1. Employer Feedback on Curriculum
Even semester AY 2023-2024



REPORT

The Employer response to feedback on the curriculum was given below

- Quality of the Curriculum & Syllabus has secured score of 62% excellent and 38% good
- Implementation of Outcome Based Education has secured score of 50% excellent and 50% good.
- Emphasis on both fundamentals as well as latest Technologies in Curriculum has secured 38% excellent and 62% good
- Offered Courses related to Industry/employability has secured score of 75% excellent and 25% good
- Competencies/outcomes in relation to the course content has secured score of 25% excellent and 75% good
- Tools used for designing the experiments in terms of existing practices in the industries has secured score of 50% excellent and 50% good
- Curriculum offers a range of professional and open electives/value-added courses has secured score of 88% excellent and 12% good
- Curriculum has ability to develop entrepreneurship/inventing new ideology has secured 62% excellent and 38% good.

Suggestions

- ✓ The employers has suggested the students to take innovative case studies and more exposure about industry.

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET

Hindusthan College of Engineering and Technology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

ACADEMIC EXPERT FEED BACK ANALYSIS

2023-2024 (Even Semester)

MBA (Master of Business Administration)

Academic Expert Feedback on Curriculum: Academic Year 2023-2024 (Even Semester)

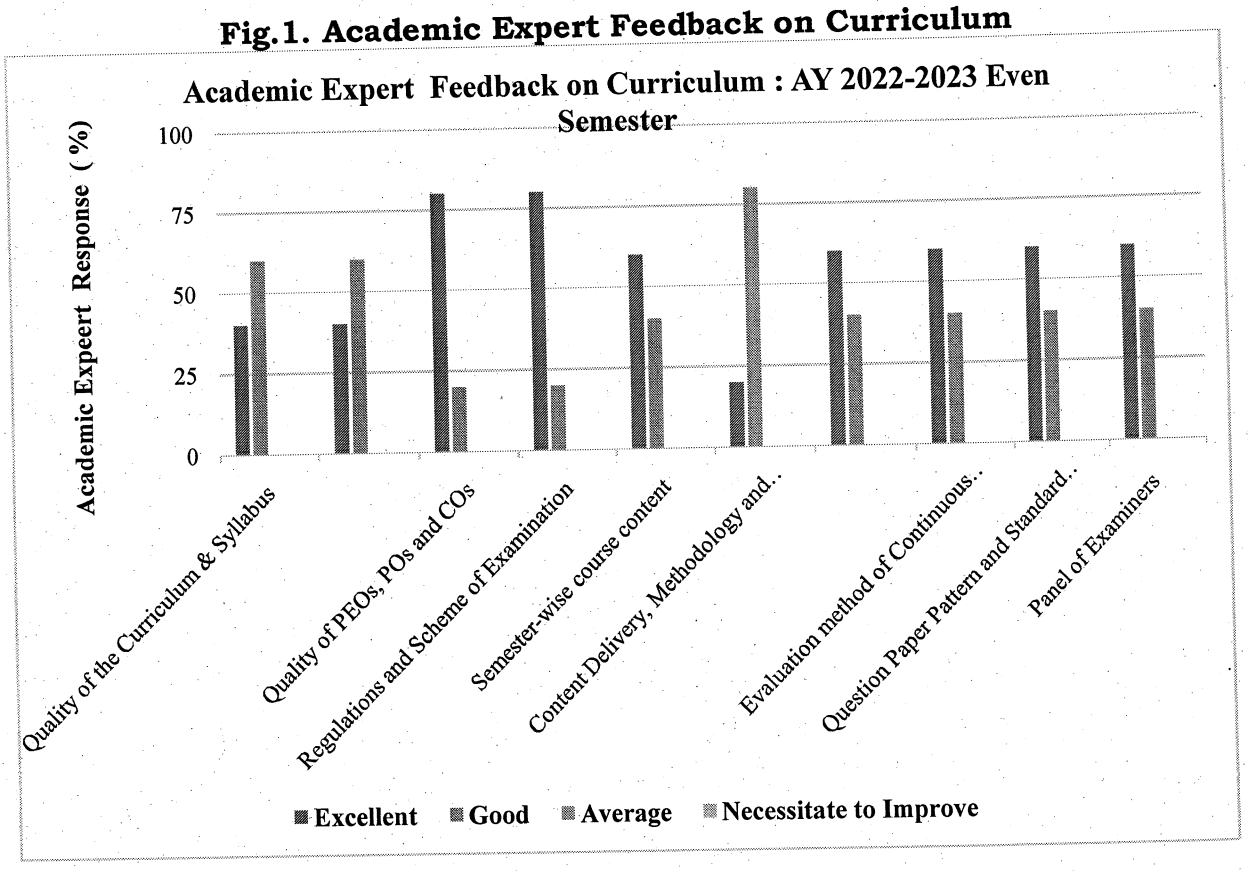
Table.1. Consolidated Academic Expert Feedback report on curriculum

Sl.No.	Questions	Excellent	Good	Average	Necessitate to Improve	Total
1.	Quality of the Curriculum & Syllabus	2	3	0	0	5
2.	Implementation of Outcome Based Education	2	3	0	0	5
3.	Quality of PEOs, POs and COs	4	1	0	0	5
4.	Regulations and Scheme of Examination	4	1	0	0	5
5.	Semester-wise course content	3	2	0	0	5
6.	Content Delivery, Methodology and Learning Resources	1	4	0	0	5
7.	Text and reference books proposed for study	3	2	0	0	5
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	3	2	0	0	5
9.	Question Paper Pattern and Standard (Blooms Level)	3	2	0	0	5
10.	Panel of Examiners	3	2	0	0	5

Table.2. Consolidated Academic Expert Feedback report on the curriculum in Percentage (%)

S.No	Questions	Excellent	Good	Average	Necessitate to Improve	Total %
1.	Quality of the Curriculum & Syllabus	40	60	0	0	100
2.	Implementation of Outcome Based Education	40	60	0	0	100
3.	Quality of PEOs, POs and COs	80	20	0	0	100
4.	Regulations and Scheme of Examination	80	20	0	0	100
5.	Semester-wise course content	60	40	0	0	100
6.	Content Delivery, Methodology and Learning Resources	20	80	0	0	100
7.	Text and reference books proposed for study	60	40	0	0	100
8.	Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks	60	40	0	0	100
9.	Question Paper Pattern and Standard (Blooms Level)	60	40	0	0	100
10.	Panel of Examiners	60	40	0	0	100

Fig.1. Academic Expert Feedback on Curriculum



REPORT

The faculty response to feedback on the curriculum was given below

- The Quality of Curriculum and Syllabus has scored 40% excellent ad 60 % good
- Implementation of Outcome based education has secured the score of 40% excellent and 60% good.
- The Quality of PEOs, POs and Cos secured 80% excellent and 20% good.
- Regulation and Scheme of Examination has scored 100% excellent
- The semester and course wise content secured 60% excellent and 40 % good
- The Content Delivery, Methodology and Learning Resources has secured the score of 20% excellent and 80% good
- The text and reference books proposed for the programme has secured score of 60% excellent and 40% good
- Evaluation method of Continuous internal Assessment & Comprehensive Examination Marks secured score of 60% excellent and 40% good.
- The question paper standard has secured 60% excellent and 40% good
- The method of selecting panel of examiners has secured 60% excellent and 40% good

Suggestions

- ✓ The expert has suggested to create awareness to the students on online courses.

Chairman - BoS
MBA - HiCET

ACADEMIC COUNCIL ★ HINDUSTHAN ★ Chairman ★ COLLEGE OF ENGG & TECH

Dean (Academics)
HiCET

Hindusthan College of Engineering andTechnology
Coimbatore 641 032

DEPARTMENT OF MANAGEMENT SCIENCES

MBA(Master of Business Administration)

FACULTY FEED BACK ANALYSIS

2023-2024 (Even Semester)

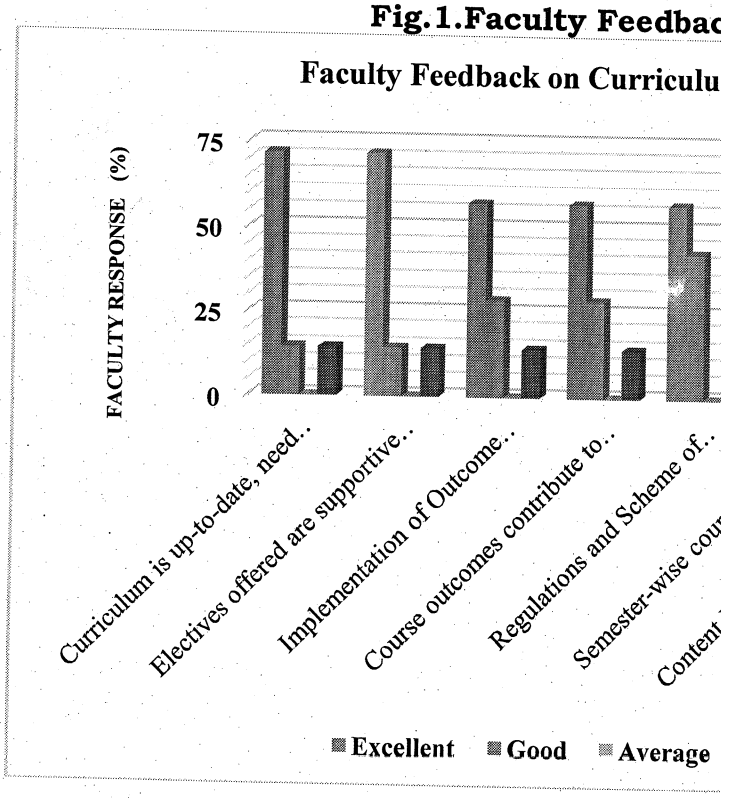
MBA (Master o

Faculty Feedback on Curriculu

Table.1. Consolidated Faculty Feedl

Sl.No.	Questions	
		Fac
1.	Curriculum is up-to-date, need based and application oriented	
2.	Electives offered are supportive to the core papers	
3.	Implementation of Outcome Based Education	
4.	Course outcomes contribute to the fulfilment of program outcomes (PO)	
5.	Regulations and Scheme of Examination	
6.	Semester-wise course content	
7.	Content Delivery, Methodology and Learning Resources	
8.	Availability of library resources supports Text and Reference Books suggested to study	
9.	Curriculum and syllabus mainly focus students on industry ready, creating opportunity to contribute and participate in Conferences/Seminars/Web inars/Workshops, to induce self-learning and inventing/innovating new ideologies to the society, preparing research proposal and entrepreneurship	
10.	Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus	

Fig.1.Faculty Feedbac



REPORT

The faculty response to feedback on the cur

1. "Curriculum is up-to-date, need based as excellent, 14% as good and 14% as
2. "Electives offered are supportive to th 14% as good and 14% as Necessitate t
3. Implementation of Outcome Based Ed excellent, 29% as good and 14% as Ne
4. Course outcomes contribute to the secured has secured score of 57 % a Necessitate to Improve.
5. Regulation and scheme of examinatio and 53% good respectively.
6. Semester wise course contents have se good and 14% as Necessitate to Improv
7. Content Delivery, Methodology and excellent, 14% as good and 14% as Ne
8. Availability of library resources" has and 14% as Necessitate to Improve.
9. Curriculum and syllabus mainly focu secured scored72 % as excellent, 14% Improve.

10. Suggestion from experts (Institutions/ Industries) in BoS helps to design and update syllabus has scored 43 % as excellent, 43% as good and 14% as Necessitate to Improve.

Suggestions

Faculty members are made the following suggestions on curriculum and syllabus:

- ✓ Can bring in more industry experts for updating syllabus
- ✓ The current curriculum has to be restructured to meet out the institution's and department's objectives
- ✓ In the fourth semester number of papers should be reduced.

Chairman - BoS
MBA - HiCET

HINDUSTHAN ACADEMIC COUNCIL * HINDUSTHAN COLLEGE OF ENGG & TECH * Chairman

Dean (Academics)
HiCET