



Hindusthan College of Engineering and Technology

*An Autonomous Institution, Approved by AICTE, New Delhi Affiliated to Anna University
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS)*

*Accredited by NAAC with 'A++' Grade/ An ISO Certified Institution
Valley Campus, Pollachi Highway, Coimbatore 641032.*



Date: 08.06.2023

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Department Advisory Committee (DAC) - Minutes

The 12th DAC meeting for the academic year 2023-24 was called on 08.12.2023, 3.30 p.m at Department of EIE.

Chair: Dr.B.Anand – Chairman DAC

The following members were present

1. Mr.D.Vijayanandh – Faculty
2. Mr.R.Vinoth kumar - Faculty
3. Mr.D.Deivasigamani- Faculty
4. Mr.M.Sudagar- Faculty
5. Ms.N.Kavitha- Faculty
6. P.Duraiarasu – Student Member(IV EIE)
7. D.Kanishk - Student Member(III EIE)
8. P.S.Gowtham- Student Member(II EIE)

Confirmation of the minutes of the last meeting:

The Last DAC meeting was held on 07.06.2023 and the minutes were discussed on (08.06.2023). The committee approved the minutes of the DAC meeting as distributed.

- The Chairman-DAC (Dr.B.Anand, HOD/EIE) welcomed all the members for 12th DAC meeting.
- The Chairman conveyed to the members that, 11th BoS suggestions are incorporated and resolved.
- The Chairman presented the Stake holders feedback on Curriculum and Syllabus and the same was discussed.
- The Chairman presented the Regulation 2022 Curriculum & Semester IV syllabus, Honours, Minor syllabus for discussion.
- The DAC Chairman requested the Faculty members to give their recommendation for the curriculum & syllabi and the same is noted.
- Faculty members suggested to rename the Honours degree course of 'Building Automation' into "Instrumentation in Building Automation".
- Member (Mr.D.Vijayanandh) suggested some modifications in the following courses in Honours verticals.

(i) Analytical Instrumentation

(ii) Industrial Instrumentation -I

- Member (Mr.D.Deivasigamani) suggested to some changes in the following courses syllabus and its noted.
 - (i) Advanced Process Control
 - (ii) Electrical and Electronic measurements
- Also Member (Mr.R.Vinoth Kumar) has given suggestions regarding Specialization courses related to 'Embedded Systems for IoT and' the same was noted
- Chairman conveyed that, incorporation of Human Values and Employability Enhancement Courses (EEC) like "IPR and Start-ups" and "Soft Skills - III" in R2022 curriculum.
- Chairman elaborated the Honours and Minor Degree and Specialization courses and its guidelines for R2022.
- Students asked the Value added courses for Even sem. DAC chairman replied regarding the courses offered which is benefitted for students for their employability.
- Chairman conveyed that, " Fundamentals of LabVIEW Programming for Instrumentation Engineers " is to be considered as Value Added Course with additional Credit.
- Member (Mr.R.Sudagar) suggested some units to be revised in "22EI2251 - Electronic Devices and Circuits" and the same was discussed.
- The DAC Chairman requested the Faculty member to give their further recommendations of R2022 & R2019 curriculum and Syllabus (if any) in order to meet the expectations.
- The meeting came to an end at 4.20 pm with a vote of thanks to the chair.



Chairman/DAC

Copy to,

1. Dean Academics
2. All individuals
3. File



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Valley Campus, Pollachi Highway, Coimbatore 641032.*



Date: 24.05.2024

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Department Advisory Committee (DAC) - Minutes

The 13th DAC meeting for the academic year 2023-24 was called on 23.05.2024, 3p.m at Department of EIE.

Chair: Dr.B.Anand – Chairman-DAC

The following members were present

9. Dr.P.Moniya - Faculty
10. Mr.D.Vijayanandh – Faculty
11. Mr.R.Vinoth kumar - Faculty
12. Mr.D.Deivasigamani- Faculty
13. Mr.M.Sudagar- Faculty
14. Ms.N.Kavitha- Faculty
15. D.Kanishk – Student Member(IV EIE)
16. P.S. Gowtham- Student Member(III EIE)
17. K.Hemasri - Student Member(II EIE)

Confirmation of the minutes of the last meeting:

The Last DAC meeting was held on 08.12.2023 and the minutes were discussed on (11.12.2023). The committee approved the minutes of the DAC meeting as distributed.

- The Chairman-DAC (Dr.B.Anand, HOD/EIE) welcomed all the members for 13th DAC meeting.
- The Chairman conveyed to the members that, 12th BoS suggestions are incorporated and resolved.
- The Chairman presented the various Stake holders feedback on Curriculum and Syllabus of 2024-25 ODD and the same was discussed.
- The Chairman presented the Regulation 2022 Curriculum & Semester V syllabus, Sem VII - Honours, Minor syllabus for discussion.
- The DAC Chairman requested the Faculty members to give their recommendation for the curriculum & syllabi and the same are noted.

- Member (Mr.D.Vijayanandh) suggested some modifications in the following courses in Honours verticals.
 - (i) Control Systems
 - (ii)Industrial Instrumentation -II
 - Member (Mr.D.Deivasigamani) suggested to some changes in the following courses syllabus and its noted.
 - (i) Safety Instrumented System
 - (ii) PC Based Instrumentation
 - Also Member (Mr.R.Vinoth Kumar) has given suggestions regarding Specialization courses related to 'Embedded Systems for IoT and' the same was noted
 - Chairman conveyed that, incorporation of Human Values and Employability Enhancement Courses (EEC) like "Soft Skills - IV" in R2022 curriculum.
 - Chairman elaborated the Honours and Minor Degree and Specialization courses ant its guidelines for R2022.
 - Students asked the Value added courses for ODD sem. DAC chairman replied regarding the courses offered which is benefitted for students for their employability.
 - Chairman conveyed that, "ARDUINO Programming, PCB Design, Virtual Instrumentation and HMI " are to be considered as Value Added Courses.
 - Member (Mr.R.Sudagar) suggested some units to be revised in "22EI251 – Basic electrical and Electronics Engineering" and the same were discussed.
 - The DAC Chairman requested the Faculty member to give their further recommendations of R2022 & R2019 curriculum and Syllabus (if any) in order to meet the expectations.
-
- The meeting came to an end at 4.30 pm with a vote of thanks to the chair.



Chairman
DAC

Copy to,

1. Dean Academics
2. All individuals
3. File

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 08.06.2023

Department Advisory Committee (DAC) - Minutes

The 11th DAC meeting for the academic year 2023-24 was conducted on 08.06.2023, 3 p.m. at Department of EEE.

SI No	Name	Designation	Position
1.	Dr Anantha Moorthy N P	Professor & Head, Department of Electrical and Electronics Engineering,	Chairman
2.	Dr Sekar K	Department of Electrical and Electronics Engineering,	Member/ Professor
3.	Dr Rajeshkanna R	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
4.	Mrs Vanmathi K	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
5.	Mrs Nandhini B	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
6.	Mr Viswanathan M P	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
7.	Mr Muthuram G	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
8.	Mr Joshua Daniel S	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
9.	Mr Saravanakumar K	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
10.	Mr Daniel Pradeep M	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
11.	Mrs Gayathri R	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
12.	Mr Arundass G	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor

13.	Mr Maheshkumar N	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
14.	Mr Khaja Najumudeen A	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
15.	Mrs Divya S	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
16.	Dr Mathan K	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
17.	Mrs Mythilly A	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
18.	Mrs Maheswari N	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
19.	S.Dineshkumar	IV-year EEE	Student Member
20.	R.Manisha	IV-year EEE	Student Member
21.	K.V.Abhishek	III-year EEE	Student Member

Confirmation of the minutes of the last meeting:

The Last DAC meeting was held on 20.01.2023 and the minutes were discussed on (08.06.2023). The committee approves the minutes of the DAC meeting as distributed.

- The Chairman-DAC (Dr. N.P. Ananthamoorthy HOD/EEE) welcomed all the members for this meeting.
- The Chairman presented the Regulation 2022 Curriculum Scheme and discussed Previous DAC and BoS Minutes.
- The Chairman conveyed to the members that, 10th BoS suggestions are incorporated and resolved.
- The DAC Chairman requested the Faculty members to give their recommendation for 2022 Regulation and the same is noted.
- Discussion of inclusion of Minor and Honors Degree programmes for Regulation 19 in Fifth semester.
- Students shall take cognizance on the Idea of Outcome Based Education - “Product Defines Process”. All Faculty are instructed to talk about OBE during seminar hours to aware the students.
- The CO – PO attainment for the batch 2019 – 23 was discussed. All the POs are attained.
- Assessment levels for the courses were proposed in PAC were approved and forwarded to BoS.
- CO-PO mapping was discussed for the upcoming semester courses.
- The gaps identified in the CO during PAC was discussed ascertained.

- Faculty members suggested some modifications in R2022 curriculum scheme. Also mentioned some of the courses to be introduced in Revised curriculum.
- Member (Dr.K.Sekar) suggested to introduce the following B.E(Hons) in Safety Engineering
- Member (Mr.M.P.Viswanathan) suggested to introduce the following courses in B.E(Hons) Degree Courses
 - (i) Energy Management & Auditing
 - (ii) Advanced Power Plant Engineering
 - (iii) Wind Energy Conversion System
- Chairman conveyed that, incorporation of Universal Human Values (UHV) and Ability Enhancement Courses (AEC) like MULTISIM, MATLAB etc in R2022 curriculum.
- Chairman conveyed that, Value Added Course with additional one Credit for the ODD Semester and pointed the syllabus for value added courses.
- Chairman elaborated the Enrollment of Minor Degree and Specialization degree courses and its guidelines for R2022.
- The DAC Chairman requested the Faculty member to give their further recommendations of R2022 & R2019 curriculum and Syllabus (if any) in order to meet the expectations.

- The meeting came to an end at 4 pm with a vote of thanks to the chair.



Chairman - ROS
EEE - HICET

Copy to,

1. Dean Academics
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3. File

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 24.11.2023

Department Advisory Committee (DAC) - Minutes

The 12th DAC meeting for the academic year 2023-24 was conducted on 24.11.2023, 3 p.m. at Department of EEE.

SI No	Name	Designation	Position
1.	Dr Anantha Moorthy N P	Professor & Head, Department of Electrical and Electronics Engineering,	Chairman
2.	Dr Sekar K	Department of Electrical and Electronics Engineering,	Member/ Professor
3.	Dr Rajeshkanna R	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
4.	Mrs Vanmathi K	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
5.	Mrs Nandhini B	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
6.	Mr Viswanathan M P	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
7.	Mr Muthuram G	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
8.	Mr Joshua Daniel S	Department of Electrical and Electronics Engineering,	Member/ Associate Professor
9.	Mr Saravanakumar K	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
10.	Mr Daniel Pradeep M	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
11.	Mrs Gayathri R	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
12.	Mr Arundass G	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
13.	Mr Maheshkumar N	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
14.	Mr Khaja Najumudeen A	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
15.	Mrs Divya S	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
15.	Dr Mathan K	Department of Electrical and Electronics Engineering,	Member/ Associate Professor

16.	Mrs Mythilly A	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
17.	Mrs Maheswari N	Department of Electrical and Electronics Engineering,	Member/ Assistant Professor
18.	R.Manisha	IV year EEE	Student Member
19.	K.V.Abhishek	III year EEE	Student Member
20.	S.Jayaprasanth	II year EEE	Student Member

Confirmation of the minutes of the last meeting:

The Last DAC meeting was held on 08.06.2023 and the minutes were discussed on (14.06.2023). The committee approves the minutes of the DAC meeting as distributed.

- The Chairman-DAC (Dr. N.P. Ananthamoorthy HOD/EEE) welcomed all the members for this meeting.
- The Chairman presented the Regulation 2022 Curriculum Scheme and discussed Previous DAC and BoS Minutes.
- The Chairman conveyed to the members that, 11th BoS suggestions are incorporated and resolved.
- The DAC Chairman requested the Faculty members to give their recommendation for 2022 Regulation and the same is noted.
- Circuits and Networks were introduced and passed by the Electrical and Electronics Engineering board.
- A clear awareness has to be given to the stakeholders on the outcome based education system. Awareness can be created to the students during seminar hours and during possible meetings for other stakeholders.
- Based on AICTE norms and Anna University Curriculum, Curriculum for I – VIII semesters of B.E Electrical and Electronics Engineering was introduced.
- HOD presented and requested the board members to accept the syllabi of Regulation 2016 for the semesters I & II subjects which were passed by Science and Humanities, Computer Science and Engineering, Mechanical Engineering boards.
- The Chairman discussed about the Curriculum & Syllabus offered for the minor degree and honour degree.
- Panel for question paper setting & Evaluation for the individual Programme.
- ATR for the previous BoS.
- Curriculum is framed in line with CO,PO, PSO.
- CO –PO mapping was discussed for all the courses.
- Faculty members suggested some modifications in R2022 curriculum scheme. Also mentioned some of the courses to be introduced in revised curriculum.

- Member (Dr.K.Sekar) suggested to introduce the following B.E(Hons) in 21EE6205 - Advanced Power Plant Engineering: Credit 3 and 21EE6206- Instrumentation for EnergySystems : Credit 3
- Member (Mr.M.P.Viswanathan) suggested to introduce the following courses in B.E(Minor) Degree Courses
 - 21EE6601 - Power Plant Engineering: Credit 3
 - 21EE6602 - Solar photovoltaic Fundamentals and Its Applications: Credit 3
- Chairman conveyed that, incorporation of Universal Human Values (UHV) and Ability Enhancement Courses (AEC) like LabVIEW, MATLAB etc in R2022 curriculum.
- Chairman conveyed that, Value Added Course with additional one Credit for the ODD Semester and pointed the syllabus for value added courses.
- Chairman elaborated the Enrollment of Minor Degree and Specialization degree courses and its guidelines for R2022.
- The DAC Chairman requested the Faculty member to give their further recommendations of R2023 & R2021 curriculum and Syllabus (if any) in order to meet the expectations.
- The meeting came to an end at 4 pm with a vote of thanks .


 Chairman - PoS
 EEE - HICET

Copy to,

1. Dean Academics
2. All individuals
3. File

Attendance for Department Advisory Committee Meeting

Sl. No.	Name of the Member	Designation	Position	Signature
1.				
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Coimbatore 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee (DAC)

The Constitution of Department Advisory Committee for the academic year 2023-2024

S.No	NAME	Position
1	Dr.P.Vijayalakshmi (HOD) Professor & Head Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: ecehod@hicet.ac.in	Chairman
2	Dr.R.Sabitha Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id : sabitha.ece@hicet.ac.in	Member
3	Dr.K.Kalaiselvi Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: kalaiselvi.ece@hicet.ac.in	Member
4	Dr.P.F.KhaleelurRahiman Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: khaleelurrahiman.ece@hicet.ac.in	Member
5	Dr.P.Geetha Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: Geetha.ece@hicet.ac.in	Member

6	Dr.J.Ramya Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: ramya.ece@hicet.ac.in	Member (DAC Coordinator)
7	Dr.P.K.Poonguzhali Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: poonguzhali.ece@hicet.ac.in	Member
8	Dr.A.Sureshbabu Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: sureshbabu.ece@hicet.ac.in	Member
9	Dr.A.Udhayakumar Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: udhayakumar.ece@hicet.ac.in	Member
10	Dr.D.Baskar Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: baskar.ece@hicet.ac.in	Member
11	Mr.S.Dinesh Assistant Project Manager,Robert Bosh Pvt. Ltd, Coimbatore. Mail id: s.dineshsekar@gmail.com	Member (Alumni & Industry Expert)
12	Mr.S.Manikandan ,IV ECE B Hindusthan College of Engineering and Technology Mail id: 20106073@hicet.ac.in	Member (Student)
13	Ms.Dhabrina Joselyn E,III ECE A Hindusthan College of Engineering and Technology Mail id: 720721196012@hicet.ac.in	Member(Student)
14	Mrs. Ananthi.A M/o. Dhabrina Joselyn E, III ECE A Teacher, Saint Anne's Matriculation Higher Secondary School, Pamban,Ramanathapuram	Member (Parent)



Hindusthan College of Engineering and Technology
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

DATE: 26.05.2023

The Department Advisory Committee (DAC) meeting of ECE Department is to be held on 02.06.2023 through hybrid mode [<https://meet.google.com/prk-moaj-fip>] at intel lab by 03.00 p.m. All are requested to attend the meeting and provide valuable suggestions towards the development of the department activities.

The agenda of the meeting:

1. 2022 curriculum
2. Honour and Minor course verticals
3. Steps taken towards suggestions provided in previous Board of Studies Meeting


Chairman/DAC

Dr. P. VIJAYALAKSHMI, M.E., Ph.D
Professor & HOD
Dept. of Electronics & Communication Engg
Hindusthan College of Engineering & Technology
Coimbatore 641 032.



Hindusthan College of Engineering and Technology
(An Autonomous Institution, Affiliated to Anna University)
Coimbatore 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINUTES OF DAC MEETING

DATE: 03.06.2023

The Department Advisory Committee (DAC) meeting of ECE Department for the academic year 2023-2024 was held on 2.06.2023 through hybrid mode [<https://meet.google.com/prk-moaj-fip>] at Intel Intelligent Laboratory by 03.00 p.m. All the stake holders were present during the session.

VISION OF THE DEPARTMENT

DV: To achieve excellence in Electronics and Communication Engineering keeping pace with evolving technologies through quality education embedded with employability skills and ethical values for the betterment of society.

MISSION OF THE DEPARTMENT

DM1: To expand frontiers of knowledge through provision of inspiring learning environment

DM2: To develop intellectual skills towards employability by fostering innovation, and creativity in learning.

DM3: To inculcate professional ethics, values and entrepreneurial attitude addressing industrial and societal demands.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To prepare the graduates to solve, analyze and develop real time engineering products by providing strong foundation in the fundamentals of Electronics and Communication Engineering

PEO2: To prepare the graduates to succeed in multidisciplinary dimensions by providing adequate trainings and exposure to emerging technologies.

PEO3: To prepare the graduates to become a successful leader and innovator following ethics with the sense of social responsibility for providing engineering solutions.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Graduates will be able to analyze, design and develop solutions for real-time challenges, facilitating the creation of quality products in the Electronics and Communication industry.

PSO2: Graduates will exhibit resilience in embracing emerging technologies, nurturing innovation in Signal Processing, Communication Systems, Embedded Systems, IoT, Networking, and VLSI to address contemporary demands.

The HOD addressed the stakeholders and presented the vision, mission of the department, PEO, PSO of the Program B.E-ECE to the DAC members.

The minutes of the session is presented below.

- 1 Syllabus – I sem (R2022:2023-2027 batch), III sem (R-2022:2022-2026 batch), V sem (R-2020:2021-2025 batch), VII sem (2020-2024 batch) was discussed.
- 2 Minor & Honours Degree Verticals under Regulation (batch admitted during AY 2021-2022) and under Regulation 2022 (batch admitted during AY 2022-2023 onwards) was discussed and the Honour degree verticals are suggested as,
 - i. Emerging Technologies in Communication Engineering
 - a. Tele communication switching and Networks
 - b. Optical Communication Networks
 - c. Wireless Broadband Networks
 - d. Software Defined Networks
 - e. 4G/5G Communication Networks
 - f. Underwater Communication
 - ii. Sensor Technologies and IoT
 - a. IoT Processors
 - b. Real-Time Embedded Systems Design
 - c. Computer Vision
 - d. Wearable Devices
 - e. Industrial IoT
 - f. IoT based System Design
 - iii. Semiconductor Chip Design and Testing to be provided by Tssolve Semiconductors.
- 3 Minor Degree verticals are suggested as,
 - i. Electronics for Embedded Systems
 - ii. Microcontroller and its Applications

- iii. Sensor and Embedded Systems
 - iv. Fundamentals of IoT
 - v. Industrial IoT and Industry 4.0
 - vi. IoT based Smart Systems
- 4 The Members suggested to include two new professional elective courses namely Digital Design verification and Embedded Controllers and IoT System Design in the seventh semester of R2019R which is to be conducted the Tessolve Semiconductors as a Industry supported course.
 - 5 The following courses are suggested to be included in professional electives in M.E- Applied Electronics
 - i. Testing of VLSI circuits
 - ii. Nano electronics and MEMS
 - iii. System on Chip Design
 - iv. Low Power VLSI Design
 - 6 The Value added course on "Embedded systems" is suggested for the III year students to upgrade their skills in embedded technologies.
 - 7 FDP on IoT is suggested by the DAC members towards knowledge upgradation of the faculty in thrust areas.
 - 8 Steps taken towards suggestions provided in previous Board of Studies Meeting.
 - 9 The DAC members discussed on the various programs to be organized for faculty and students.
 - 10 The DAC members analyzed the PO attainments for the batch 2019-2023 and suggested for the actions to be taken for the respective PO improvement.

Meeting came to an end by 4.30 pm.

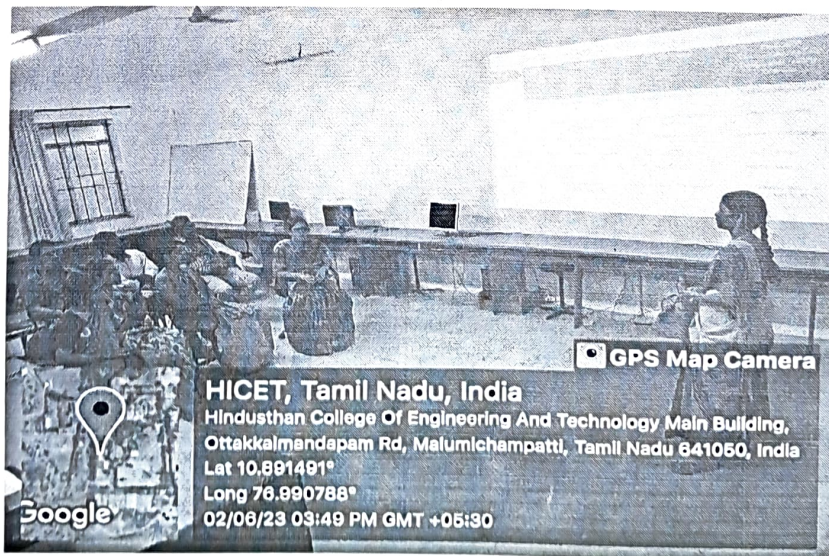
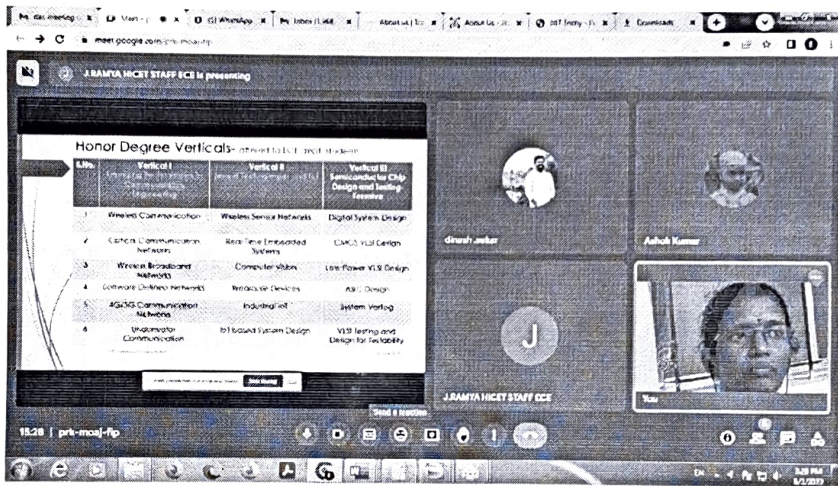
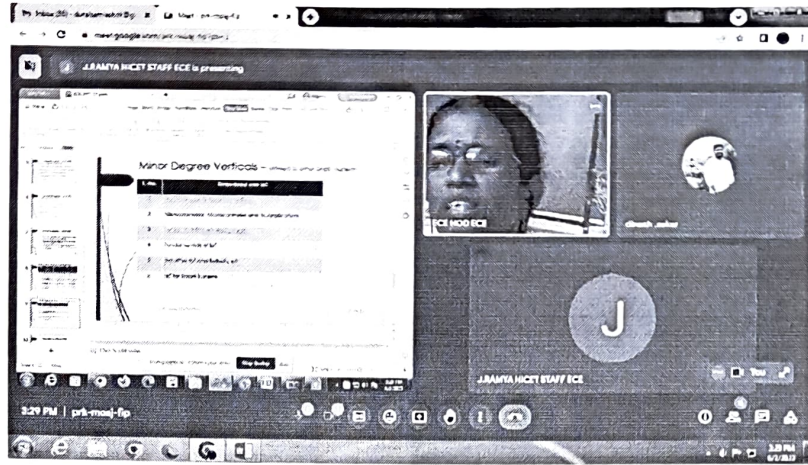
23/6/23

Chairman/DAC

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.

Professor & HOD








Dept. of Electronics & Communication Engg
Mundesthan College of Engineering & Technology
Mundesthan, Bangalore 561 032

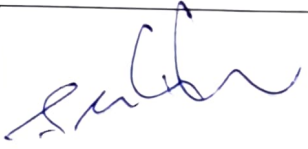





Hindusthan College of Engineering and Technology

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Valley Campus, Pollachi Highway, Coimbatore-641032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Department Advisory Committee (DAC)

S.No	NAME	Signature
1	Dr.P.Vijayalakshmi (HOD) Professor & Head Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: ecehod@hicet.ac.in	
2	Dr.R.Sabitha Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id : sabitha.ece@hicet.ac.in	
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6	Dr.J.Ramya Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: ramya.ece@hicet.ac.in	
7	Dr.P.K.Poonguzhali Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: poonguzhali.ece@hicet.ac.in	

8	Dr.A.Sureshbabu Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: sureshbabu.ece@hicet.ac.in	
9	Dr.A.Udhayakumar Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: udhayakumar.ece@hicet.ac.in	
10	Dr.D.Baskar Associate Professor Department of Electronics and Communication Engineering Hindusthan College of Engineering and Technology Mail id: baskar.ece@hicet.ac.in	
11	Mr.S.Dinesh Assistant Project Manager, Robert Bosh Pvt. Ltd, Coimbatore. Mail id: s.dineshsekar@gmail.com	ONLINE
12	Mr.S.Manikandan ,IVECE B Hindusthan College of Engineering and Technology Mail id: 20106073@hicet.ac.in	
13	Ms.Dhabrina Joselyn E,III ECE A Hindusthan College of Engineering and Technology Mail id: 720721106012@hicet.ac.in	E. Jasdlyn.
14	Mrs. Ananthi.A M/o. Dhabrina Joselyn E, III ECE A Teacher, Saint Anne's Matriculation Higher Secondary School, Pamban,Ramanathapuram	ONLINE


Dr. F.  M.E., M.Ph.D.
HOD
Dept. of Electronics & Communication Engg.
Hindusthan College of Engineering & Technology
Coimbatore - 641 032.

Dr. P. VIJAYALAKSHMI, M.E., Ph.D
Professor & HOD
Dept. of Electronics & Communication Engg.
Hindusthan College of Engineering & Technology
Coimbatore - 641 032.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee

Date: 12.06.2023

Action Taken Report of Minutes of Meeting dated 02.06.23

Item	Points discussed	Action Taken Report
1	Include the major degree verticals in R2022 and R2019R	Subjects are included in curriculum
2	Include minor degree courses	Subjects are included in curriculum
3	Include Industry supported course in the curriculum	Included the courses supported by Tessolve Semiconductors.
4	BoS Meeting	Suggestions given by DAC are incorporated and syllabus framed

12/6/23
Chairman/DAC

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.
Professor & HOD
Dept. of Electronics & Communication Engg
Hindusthan College of Engineering & Technology
Coimbatore 641 032



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

DATE: 06.07.2023

The Department Advisory Committee (DAC) meeting of ECE Department is to be held on 13.07.2023 at seminar hall of the Electronics and Communication Engineering Department by 03.00 p.m. All are requested to attend the meeting and provide valuable suggestions towards the development of the department activities.

The agenda of the meeting:

- Enhance the attainment of NBA program outcome PO8, which pertains to Ethics under Regulation 2019


06/7/23
Chairman/DAC

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.
Professor & HOD
Dept. of Electronics & Communication Engg
Hindusthan College of Engineering & Technology
Coimbatore 641 032



Hindusthan College of Engineering and Technology
(An Autonomous Institution, Affiliated to Anna University)
Coimbatore 641 032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINUTES OF DAC MEETING

DATE: 14.07.2023

Subject: Urgent Department Advisory Committee Meeting – Electronics and Communication Engineering Department – Academic Year 2023-2024

The Electronics and Communication Engineering Department held an urgent Department Advisory Committee meeting for the Academic Year 2023-2024 on 13th July 2023, 3.00 PM. The primary agenda of this meeting was to discuss and enhance the attainment of NBA program outcome PO8, which pertains to Ethics under Regulation 2019. The meeting took place in the seminar hall of the Electronics and Communication Engineering Department.

VISION OF THE DEPARTMENT

DV: To achieve excellence in Electronics and Communication Engineering keeping pace with evolving technologies through quality education embedded with employability skills and ethical values for the betterment of society.

MISSION OF THE DEPARTMENT

DM1: To expand the frontiers of knowledge by providing an inspiring and holistic learning environment.

DM2: To develop intellectual skills towards employability by fostering innovation and creativity in learning.

DM3: To inculcate professional ethics, values and entrepreneurial attitudes addressing industrial and societal demands.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To prepare the graduates to solve, analyze and develop real time engineering products by providing strong foundation in the fundamentals of Electronics and Communication Engineering.

PEO2: To prepare the graduates to succeed in multidisciplinary dimensions by providing adequate trainings and exposure to emerging technologies.

PEO3: To prepare the graduates to become a successful leader and innovator following ethics with the sense of social responsibility for providing engineering solutions.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Graduates will be able to analyze, design and develop solutions for real-time challenges, facilitating the creation of quality products in the Electronics and Communication industry.

PSO2: Graduates will exhibit resilience in embracing emerging technologies, nurturing innovation in Signal Processing, Communication Systems, Embedded Systems, IoT, Networking, and VLSI to address contemporary demands.

The HOD addressed the stakeholders and presented the vision, mission of the department, PEO, PSO of the Program B.E-ECE to the DAC members.

The following points were discussed in the meeting,

1. The curriculum under Regulation 2019 of ECE dept. need to be strengthened towards the attainment of NBA-Program Outcome PO8 -Ethics. The members discussed on the methods to improve the PO8 -ethics.
2. A course on IPR is already available in the curriculum as 1 credit course during VI Semester.
3. The members suggested for the inclusion of the course **19EC8182 Professional Ethics and Human Values** instead of 19EC8182- Intellectual Property Rights and Innovations as Professional Elective-V.

During the meeting, the following resolutions were reached:

The Chairman Board of Studies is kindly requested to seek ratification for the decisions made in this meeting during the upcoming Board of Studies meeting.

Your cooperation and active participation in this matter are highly appreciated.

Sincerely,





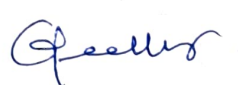

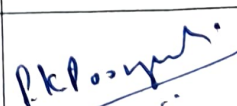
14/7/23





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Valley Campus, Pollachi Highway, Coimbatore-641032

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Department Advisory Committee (DAC)

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11	Mr.S.Dinesh Assistant Project Manager,Robert Bosh Pvt. Ltd, Coimbatore. Mail id: s.dineshsekar@gmail.com	-
12	Mr.S.Manikandan ,IVECE B Hindusthan College of Engineering and Technology Mail id: 20106073@hicet.ac.in	
13	Ms.Dhabrina Joselyn E,III ECE A Hindusthan College of Engineering and Technology Mail id: 720721106012@hicet.ac.in	AB
14	Mrs. Ananthi.A M/o. Dhabrina Joselyn E, III ECE A Teacher, Saint Anne's Matriculation Higher Secondary School, Pamban,Ramanathapuram	-

Dr. P. VIJAYALAKSHI

Professor & HOD

Dept. of Electronics & Communic

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee

Date: 20.7.2023

Action Taken Report of Minutes of Meeting dated 13.07.2023

Item	Points discussed	Action Taken Report
1	A new course Professional Ethics and Human Values is to be introduced for 2020-2024 Batch-VII Semester	19EC8182-Professional Ethics and Human Values is introduced instead of 19EC8182- Intellectual Property Rights and Innovations as Professional Elective-V.


Chairman/DAC

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee (DAC)

CIRCULAR

DATE: 01.12.2023

The Department Advisory Committee (DAC) meeting of ECE Department is to be held on 08.12.2023 at Seminar hall of the Electronics and Communication Engineering Department by 03.00 p.m. All are requested to attend the meeting and provide valuable suggestions towards the development of the department activities.

The agenda of the meeting:

1. R-2022-IV Semester (for the students admitted from 2022 onwards),
2. R-2019A-VI Semester (for the students admitted from 2021 onwards),
3. R-2019 -VIII Semester (for the students admitted from 2020 onwards)
4. Syllabus for Honors and Minor degree courses offered during this even semester under R-2022 (for the students admitted from 2022 onwards) and R-2019A (for the students admitted from 2021 onwards) and R2019.
5. Steps taken towards suggestions provided in previous Board of Studies Meeting


Chairman/DAC

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee (DAC)

MINUTES OF DAC MEETING

DATE: 11.12.2023

Subject: Department Advisory Committee Meeting – Electronics and Communication Engineering Department – Academic Year 2023-2024 even

The Electronics and Communication Engineering Department held a Department Advisory Committee meeting for the Academic Year 2023-2024 even on 8th December 2023 by 3 pm in Seminar Hall. The primary agenda of this meeting was to discuss and enhance the Regulation 2022, 2019 A and 2019 for the even semester of 2023-2024.

VISION OF THE DEPARTMENT

DV: To achieve excellence in Electronics and Communication Engineering keeping pace with evolving technologies through quality education embedded with employability skills and ethical values for the betterment of society.

MISSION OF THE DEPARTMENT

- DM1: To expand the frontiers of knowledge by providing an inspiring and holistic learning environment.
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PSO2: Graduates will exhibit resilience in embracing emerging technologies, nurturing innovation in Signal Processing, Communication Systems, Embedded Systems, IoT, Networking, and VLSI to address contemporary demands.

The HOD addressed the stakeholders and presented the vision, mission of the department PEO,PSO of the Program B.E-ECE to the DAC members

The following points were discussed in the meeting,

- 1 Syllabus – II sem (R2022:2023-2027 batch), IV sem (R-2022:2022-2026 batch), VI sem (R-2019A:2021-2025 batch), VIII sem (R 2019:2020-2024 batch) were discussed.
- 2 The members suggested for revision in the syllabus of Digital Communication.
- 3 Minor & Honours Degree Verticals under Regulation (batch admitted during AY 2021-2022) and under Regulation 2022 (batch admitted during AY 2022-2023 onwards) was discussed and changes are suggested in IoT for Smart Cities and IoT for Smart Agriculture.
- 4 The Value-added course on “Embedded systems” is suggested for the III-year students to upgrade their skills in embedded technologies.
- 5 DAC members suggested for the faculty members to participate in FDP towards knowledge upgradation in thrust areas.
- 6 Steps are taken towards suggestions provided in previous Board of Studies Meeting.
- 7 The DAC members discussed on the various programs to be organized for faculty and students.

- 8 The DAC members analyzed the CO attainments for the 2023-24 odd semester subjects and suggested for the actions to be taken for the respective CO improvement.
- 9 The members discussed on the events to be planned and budget required for the next academic year.
- 10 The members insisted the faculty members to motivate the students to participate in cocurricular and extra-curricular activities.

Meeting came to an end by 4.30 pm.

Sincerely,

P
11/12/23

Dr. P. VIJAYALAKSHMI, M.E., Ph.D.
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Department Advisory Committee (DAC)

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13	Ms.Dhabrina Joselyn E,III ECE A Hindusthan College of Engineering and Technology Mail id: 720721106012@hicet.ac.in	<i>E. Joselyn</i>
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department Advisory Committee (DAC)

Date: 20.12.2023

Action Taken Report of Minutes of Meeting dated 8.12.2023

Item	Points discussed	Action Taken Report
1	Members suggested for revision in the syllabus of Digital Communication	Syllabus approved by BoS
2	Syllabus for Minor and Honour Degree Courses are suggested	Approved by BoS
3	BoS Meeting	Suggestions given by DAC are incorporated and syllabus framed

8
20/12/23
Chairman/DAC

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Date: 08.06.2023

Department Advisory Committee

Ref: HICET/IT/DAC/2023-2024/ODD/01

Name of the Department: Information Technology

The twelfth Department Advisory Committee meeting for the academic year is scheduled on 12-06-2023 at Computer (Open Source) Lab.

Agenda:

- Welcome Address
- Detailed Presentation of Departmental Activities by the HOD convey all the aspects.
- Regulation 2022 Curriculum and Mandatory courses
- Regulation R2019 Honors, Minor Degree for the Batch 2021
- Funding proposals
- Faculty Pursuing Ph.D, Internship & Inplant Training
- NPTEL course, Coaching classes
- MOU
- Feedback from the Members
- Vote of Thanks

The members of DAC are requested to attend the meeting without fail.

SCS
HOD/IT 8/6/23
Chairman - BoS
IT - HICET

Copy to:

1. The Principal, The Advisor, The Dean - for kind information
2. All DAC members
3. Department Notice board
4. File



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Department Advisory Committee

Ref: HICET/IT/DAC/2023-2024/ODD/01

Academic Year: 2023 - 2024

Date: 12/06/2023

With reference to the circular dated 08/06/2023, Department Advisory Committee has been assembled on 12-06-2023 at Computer (Open Source) Lab.

Agenda:

- Welcome Address
- Detailed Presentation of Departmental Activities by the HOD convey all the aspects.
- Regulation 2022 Curriculum and Mandatory courses
- Funding proposals
- Faculty Pursuing Ph.D, Internship & Inplant Training
- NPTEL course, Coaching classes
- MOU
- Feedback from the Members
- Vote of Thanks

The following members were present

S.No.	Name	Designation	Organization
1	Dr. M. Sabrigiriraj	Chairman / HoD	Hindusthan College of Engineering and Technology
2	Dr. Beulah David	(Autonomous Coordinator & BoS Member)	Hindusthan College of Engineering and Technology
2	Mr. R. Gokul	Alumni Member	Cognizant Technology Solutions
3	Mr. B.Manikandan	Member from Sister Concern	Hindusthan Institute of Technology

4	Mr.A.Chandrasekar	Parent Member	Ganapathy, Coimbatore
5	Mr.M.Ganesan	Member/Faculty	Hindusthan College of Engineering and Technology
6	Ms. SakthiSree T	Member/Faculty	
7	Ms. N.Yamuna	Member/Faculty	
8	Mr. Ilayaraja N	Member/Faculty	
9	Mr.C.Babiyon Clement	Student Member	
10	Mr.Irshad M Y	Student Member	
11	Mr. K. Jegan	Student Member	

Minutes of the Meeting:

The following points were discussed during the meeting and the minutes were recorded as below

- Head of the Department welcomed all the Department Advisory Committee members for the meeting and thanked our Management, Chief Executive Officer, Principal, and Dean for giving permission to conduct this meeting.
- The meeting proceeded with a presentation by Dr M. Sabrigiriraj explaining the detailed agenda of the meeting.
- Presented the process being followed in evolving the Departments Vision, Mission, PEO, PSO and presented the statements for the review to the DAC members.
- Presented Academic Year wise progress of the department as follows:
 - Performance in End Semester Examination
 - Placement and Higher Studies details –Year wise
 - Students support system such as feedback systems, Mentor system, co-curricular and extracurricular activities, Students scholarships.
 - Academic –Industry Interaction through MOU's, Industrial visits, IPT

- Head of the Department presented the achievements of the Department and congratulated the following faculty members:

S. No.	Name of the Faculty (with designation)	Name of the Course	Course Offered by	Final Score	Certificate Type	Time line
1	Mr.N Iayaraja Assistant Professor	Cloud Computing	IIT, Kharagpur	83	Elite, Country Topper	Jan-May 2023
2	Ms.P Revathi Assistant Professor	Cloud Computing	IIT, Kharagpur	61	Elite	Jan-May 2023
3	Ms. M Masilamani Assistant Professor	Cloud Computing	IIT, Kharagpur	72	Elite	Jan-May 2023

- Head of the Department suggested encouraging the faculty members by refunding an amount Rs.500/- who have successfully completed NPTEL course.
- Head of the Department advised all the faculty members to frame R2022 Course syllabus for the Third semester. It was further said that the thought process was already set and which would frame the success of the creating the new Curriculum.
- Committee accepted to have 165 credits for R2022 Curriculum and additional courses (18 credits) to become eligible for the award of B.E. / B. Tech. (Honours) or Minor Degree. For B.E. / B. Tech. (Honours).
- Student shall register for the additional courses (18 credits) from semester V onwards. These courses shall be from the same vertical or a combination of different verticals of the same programme of study only. For minor degree, a student shall register for the additional courses (18 credits) from semester V onwards. All these courses have to be in a particular vertical from any one of the other programmes.
- Semester I – 18 credits
 - Semester II – 23 credits
 - Semester III – 21 credits
 - Semester IV – 23 credits
 - Semester V – 23 credits
 - Semester VI – 23 credits
 - Semester VII – 18 credits
 - Semester VIII – 16 credits
 - Total credits - 165

➤ Dr M Sabrigiriraj briefed the committee members about the highlights of R2022 Curriculum and the following Discussion on Curriculum and Syllabus took place:

1. Members of DAC accepted B Tech (Hons) Information Technology with Specialization in Artificial Intelligence and Machine Learning for 2021 batch (R2019) and the courses are

1. 21IT5206 - Foundations of Machine Learning
2. 21IT6203 - Knowledge Engineering
3. 21IT6204 - Soft Computing
4. 21IT7205 - Optimization Techniques
5. 21IT7206 - Deep Learning
6. 21IT8201 - Game theory

2. Members of DAC accepted B Tech (Hons) Information Technology with Specialization in Cyber Security and Data Privacy and the courses are

1. 21IT5207 - Ethical Hacking
2. 21IT6205 - Digital and Mobile Forensics
3. 21IT6207 - Social Network Security
4. 21IT7207 - Engineering Secure Software Systems
5. 21IT7208 - Cryptocurrency and Blockchain Technologies
6. 21IT8202 - Network Security

3. Members of DAC accepted B Tech (Hons) Information Technology with Specialization in Block Chain Technology and the courses are

1. 21IT5208 - Fundamentals of Blockchain Technology
2. 21IT6207 - Blockchain Architecture and Design
3. 21IT6208 - Building Private Blockchain
4. 21IT7209 - Blockchain Business Models
5. 21IT7210 - Blockchain and IoT
6. 21IT8203 - Blockchain and AI

4. Members of DAC accepted additional courses (18 Credits) to become eligible for the B.E./B.Tech. Minor Degree and the courses are

1. 21IT5231 - Sem 5: Database System
2. 21IT6231 - Sem 6: Fundamentals of Data Science
3. 21IT6232 - Sem 6: Artificial Intelligence and Expert Systems
4. 21IT7231 - Sem 7: Data Exploration and Visualization

5. 21IT7232 - Sem 7: Business Intelligence

6. 21IT8231 - Sem 8: Cyber Security

5. Members of DAC appreciated the AICTE Leadership in Teaching Excellence (LITE) course which is introduced as professional elective for the seventh semester for the third year students with three credits which inherits 50 internal marks from AICTE LITE and 50 marks as external practical exam. LITE course for seventh semester is

- 19IT7307 - Web Development – II

6. Members of DAC suggested to reduce the syllabus portion in 19IT7001R - Distributed and Cloud Computing Laboratory and 19IT5202 – Computer Networks as the students feel more burdened as the syllabus in Unit 5 is more and vast.
7. Members of DAC appreciated the reframing of course title Digital Principles and System Design as 2IT3203 - Digital Principles and Computer Organization and DPSD laboratory as 22IT3002 - Digital Principles and Computer Organization Laboratory and also accepted the syllabus that is reframe accordingly.
8. Members of DAC accepted Value added course which is introduced in every semester, which includes various courses for the students to enhance their technical skills.
9. Members of DAC recommended two industrial courses like Data Structures and Java Programming has been reframed to compete with industrial standards for the benefit of students to get better placement.
10. DAC members analyzed and appreciated the following Employability courses.
- a. 22HE1072 - Entrepreneurship & Innovation
 - b. 22HE1073 - Introduction to Soft Skills
 - c. 22HE3071 - Soft Skills -2
11. Members of DAC discussed about the importance of placement training for the students and also discussed to insist students to do NPTEL programming courses.
12. Members of DAC discussed to insist students to work more on Hackthon, NASSCOM, Learnathon, Wipro milestone, Infosys full stack courses to improve programming skills of students so that students can face placement with more confidence.
13. DAC members discussed the Value added course using Infosys Spring Board, Consensus and SkillRack is introduced in every semester, which includes various courses for the students to enhance their technical skills.
- After the detailed presentation , the suggestions for improvement, Operational Planning was invited from the members

- Initially the members congratulated the progress of the department growth with the involvement of stakeholders.
- Committee suggested to improve the following points:
 - Apply funding proposals
 - Attend NPTEL courses
 - Apply Patent
- Experts insisted all faculty members and research scholars to assess the research work of the peers and also suggested to improve more number of placements and asked to help students to achieve more.
- Final year student's project must be given importance from the earlier stage to improve the quality of projects and staff can motivate the students to do project effectively.
- Head of the Department thanked the members by extending a heartfelt appreciation for every minute detail shared by the members and they were assured that a sincere effort to accomplish the suggestions effectively will be done by the department.
- The meeting was concluded by extending vote of thanks to the members.

Copy to,

1. Dean Academic
2. All individuals
3. File


Chairman - DAC

Chairman - BoS
IT - HiCET



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Date: 05.12.2023

Department Advisory Committee

Ref: HICET/IT/DAC/2023-2024/EVEN/01

Name of the Department: Information Technology

The thirteen Department Advisory Committee meeting for the academic year was scheduled on 07-12-2023 at Computer (Open Source) Lab.

Agenda:

- Welcome Address
- Detailed Presentation of Departmental Activities by the HOD convey all the aspects.
- Regulation 2022 Curriculum and Mandatory courses
- Regulation R2019 Honors, Minor Degree for the Batch 2021
- Funding proposals
- Faculty Pursuing Ph.D, Internship & Inplant Training
- NPTEL course, Coaching classes
- MOU
- Feedback from the Members
- Vote of Thanks

The members of DAC are requested to attend the meeting without fail.

Mr. S. S. S.
HOD/IT

Copy to:

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Department Advisory Committee

Ref: HICET/IT/DAC/2023-2024/EVEN/01

Date: 07/12/2023

Academic Year: 2023 - 2024

With reference to the circular dated 05/12/2023, Department Advisory Committee has been assembled on 07-12-2023 at Computer (Open Source) Lab.

Agenda:

- Welcome Address
- Detailed Presentation of Departmental Activities by the HOD convey all the aspects.
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- Funding proposals
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8	Mr. Ilayaraja N	Member/Faculty	
9	Mr.C.Babiyon Clement	Student Member	
10	Mr.Irshad M Y	Student Member	
11	Mr. K. Jegan	Student Member	

Minutes of the Meeting:

The following points were discussed during the meeting and the minutes were recorded as below

- Head of the Department welcomed all the Department Advisory Committee members for the meeting and thanked our Management, Chief Executive Officer, Principal, and Dean for giving permission to conduct this meeting.
- The meeting proceeded with a presentation by Dr M. Sabrigiriraj explaining the detailed agenda of the meeting.
- Presented the process being followed in evolving the Departments Vision, Mission, PEO, PSO and presented the statements for the review to the DAC members.
- Presented Academic Year wise progress of the department as follows:
 - Performance in End Semester Examination
 - Placement and Higher Studies details –Year wise
 - Students support system such as feedback systems, Mentor system, co-curricular and extracurricular activities, Students scholarships.
 - Academic –Industry Interaction through MOU's, Industrial visits, IPT

- Head of the Department presented the achievements of the Department and congratulated the following faculty members:

S.No.	Name of the Faculty (with designation)	Name of the Course	Course Offered by	Final Score	Certificate Type	Time Line
1	Dr M Sabrigiriraj Professor and Head	Natural Language Processing	IIT, Kharagpur	72	Elite	June-Nov 2023
		Accreditation and outcome-based Learning	IIT, Kharagpur	88	Elite	June-Nov 2023
2	Dr.M Ganesan Associate Professor	Software Testing	IIT, Kharagpur	58	Completed	June-Nov 2023
3	Ms N Yamuna Assistant Professor	Accreditation and outcome-based Learning	IIT, Kharagpur	87	Elite	June-Nov 2023
4	Ms.Priyadharshini T R Assistant Professor	Cyber Security and Privacy	IIT, Kharagpur	62	Completed	June-Nov 2023
5	Ms M Masilamani Assistant Professor	Problem Solving Through Programming in C	IIT, Kharagpur	65	Completed	June-Nov 2023
6	Ms. S Athira Assistant Professor	Cloud Computing	IIT, Kharagpur	62	Completed	June-Nov 2023

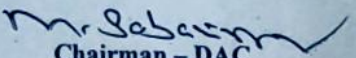
- Head of the Department suggested encouraging the faculty members by refunding an amount Rs.500/- who have successfully completed NPTEL course.
- Head of the Department advised all the faculty members to frame R2022 Course syllabus for the Fourth semester. It was further said that the thought process was already set and which would frame the success of the creating the new Curriculum.
- Committee accepted to have 165 credits for R2022 Curriculum and additional courses (18 credits) to become eligible for the award of B.E. / B. Tech. (Honours) or Minor Degree. For B.E. / B. Tech. (Honours).
- Student shall register for the additional courses (18 credits) from semester V onwards. These courses shall be from the same vertical or a combination of different verticals of the same programme of study only. For minor degree, a student shall register for the

additional courses (18 credits) from semester V onwards. All these courses have to be in a particular vertical from any one of the other programmes.

- Semester I – 18 credits
 - Semester II – 23 credits
 - Semester III – 21 credits
 - Semester IV – 23 credits
 - Semester V – 23 credits
 - Semester VI – 23 credits
 - Semester VII – 18 credits
 - Semester VIII – 16 credits
 - Total credits - 165
- Dr M Sabrigiriraj briefed the committee members about the highlights of R2022 Curriculum, Syllabus and the following discussion on Curriculum and Syllabus took place:
1. Members of DAC discussed about the syllabus of sixth semester of B.Tech (Hons) Information Technology(Artificial Intelligence and Machine Learning) for 2021 batch (R2019) and the courses are
 1. 21IT5206 - Foundations of Machine Learning
 2. **21IT6203 - Knowledge Engineering**
 3. **21IT6204 - Soft Computing**
 4. 21IT7205 - Optimization Techniques
 5. 21IT7206 - Deep Learning
 6. 21IT8201 - Game theory
 2. Members of DAC discussed about the syllabus of sixth semester of B Tech (Hons) Information Technology (Cyber Security and Data Privacy) and the courses are
 1. 21IT5207 - Ethical Hacking
 2. **21IT6205 - Digital and Mobile Forensics**
 3. **21IT6207 - Social Network Security**
 4. 21IT7207 - Engineering Secure Software Systems
 5. 21IT7208 - Cryptocurrency and Blockchain Technologies
 6. 21IT8202 - Network Security

3. Members of DAC discussed about the syllabus of sixth semester of B Tech (Hons) Information Technology with Specialization in Block Chain Technology and the courses are
1. 21IT5208 - Fundamentals of Blockchain Technology
 2. **21IT6207 - Blockchain Architecture and Design**
 3. **21IT6208 - Building Private Blockchain**
 4. 21IT7209 - Blockchain Business Models
 5. 21IT7210 - Blockchain and IoT
 6. 21IT8203 - Blockchain and AI
4. Members of DAC accepted additional courses (18 Credits) to become eligible for the B.E./B.Tech. Minor Degree and the courses are
1. 21IT5231 - Sem 5: Database System
 2. **21IT6231 - Sem 6: Fundamentals of Data Science**
 3. **21IT6232 - Sem 6: Artificial Intelligence and Expert Systems**
 4. 21IT7231 - Sem 7: Data Exploration and Visualization
 5. 21IT7232 - Sem 7: Business Intelligence
 6. 21IT8231 - Sem 8: Cyber Security
5. Members of DAC appreciated the AICTE Leadership in Teaching Excellence (LITE) course which is introduced as professional elective for the eighth semester for the third year students with three credits which inherits 50 internal marks from AICTE LITE and 50 marks as external practical exam. LITE course for seventh semester is
- 19IT8314 - Web Development - III
6. Members of DAC suggested to invite the industrial experts to conduct value added courses and the hands on training to the students.
7. Members of DAC suggested encouraging students to do mini projects in 6th semester for better exposure of students and knowledge gaining.
8. DAC members analyzed and appreciated the following Employability courses.
- a. 22HE2071 – Design thinking
 - b. 22HE2072 - Soft skills and Aptitude I
 - c. 22MC2094 - தமிழரும் தொழில்நுட்பமும்
 - d. 22MC2095 – Tamils and Technology
9. Members of DAC discussed about the importance of placement training for the students and also discussed to insist students to do NPTEL programming courses.

10. Members of DAC discussed to insist students to work more on Hackthon, NASSCOM, Learnathon, Wipro milestone, Infosys full stack courses to improve programming skills of students so that students can face placement with more confidence.
11. DAC members discussed the Value added course using Infosys Spring Board, Consensus and SkillRack is introduced in every semester, which includes various courses for the students to enhance their technical skills.
- After the detailed presentation , the suggestions for improvement, Operational Planning was invited from the members
 - Initially the members congratulated the progress of the department growth with the involvement of stakeholders.
 - Committee suggested to improve the following points:
 - Apply funding proposals
 - Attend NPTEL courses
 - Apply Patent
 - Experts insisted all faculty members and research scholars to assess the research work of the peers and also suggested to improve more number of placements and asked to help students to achieve more.
 - Final year student's project must be given importance from the earlier stage to improve the quality of projects and staff can motivate the students to do project effectively.
 - Head of the Department thanked the members by extending a heartfelt appreciation for every minute detail shared by the members and they were assured that a sincere effort to accomplish the suggestions effectively will be done by the department.
 - The meeting was concluded by extending vote of thanks to the members.


Chairman - DAC

Copy to,

1. Dean Academic
2. All individuals
3. File