



Hindusthan College of Engineering And Technology

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore - 641 032

Date : 15.06.2023

ACTION TAKEN REPORT ON BoS

Name of the Department: SCIENCE & HUMANITIES

The meeting of ELEVENTH board of studies of Regulation 2022 for the Department of SCIENCE & HUMANITIES was conducted on 14.06.2023 at 02.00P.M in Library, Hindusthan College of Engineering and Technology.

(I) Syllabus Revision for the Regulations 2019

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	22PH1151 PHYSICS FOR NON CIRCUIT ENGINEERING (aaa AGRI, CHEM , FT, AERO, AUTO, CIVIL ,MECH, MECT) - The topic - Testing of thickness of surface- Michelson interferometer may be included in the third unit Wave Optics.	Approved & Incorporated	5%
2	2HE1151 ENGLISH FOR ENGINEERS - All units odd sem and even sem syllabi must include reading parts.	Approved & Incorporated	20%
	22MA3106 –DISCRETE MATHEMATICS AND 22MA3103 - DISCRETE MATHEMATICS AND GRAPH THEORY (CSE)OF III SEMESTER - Jean-Paul Tremblay and R. Manohar "Discrete Mathematical Structures with Applications to Computer Science" book may be included in the list of Text/Reference books.	Approved & Incorporated	--

(II) Syllabus Related Recommendations for I semester – R2022

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	As per Anna University direction, □□□□□□□□□□ /Heritage of Tamils and □□□□□□□□ □□□□□□□□□□□□□□□□ / Tamils and Technology are to be introduced with one credit in the I and II semester curriculum respectively.	Approved & Incorporated	----

2	Also as per the recommendation of Stake holders given in Department Advisory committee meeting, it is suggested to bring the Introduction to soft skill course in the I semester (with Zero credit) and the Soft skills and Aptitude –I course in the II semester (with one credit) which would be enhancing the employability skills.	Incorporated	----
3	It is recommended to Universal Human values as the mandatory course in Semester I with zero credit.	Incorporated	----

Overall Percentage of revision made in the BoS: $2/36 = 5.55\%$

(III) New Courses Introduced:

S. No	Regulation	Course Code with Name	Credits
1	22MA3101	APPLIED STATISTICS AND QUEUING THEORY (IT)	4
2	22MA3102	COMPLEX ANALYSIS AND TRANSFORMS (ECE,EEE,EIE)	4
3	22MA3103	DISCRETE MATHEMATICS AND GRAPH THEORY(CSE)	4
4	22MA3104	FOURIER ANALYSIS AND NUMERICAL TECHNIQUES (AUTO, AERO)	4
5	22MA3105	FOURIER SERIES AND TRANSFORMS(MECT, MECH)	4
6	22MA3106	DISCRETE MATHEMATICS(AIML)	4
7	22MA3107	NUMERICAL METHODS (CHEM & FT)	4
8	22MA3108	STATISTICS & NUMERICAL METHODS (CIVIL)	4
9	22MA3109	TRANSFORMS AND APPLICATIONS (AGRI)	4
10	22MA3151	STATISTICS AND NUMERICAL METHODS WITH R PROGRAM(BME)	4

(IV) Mandatory Courses

S.No.	Course Code with Name
22MC1093/22MC1094	தமிழர்மரபு /HERITAGE OF TAMIL

(V) Non-credit Mandatory Courses – Newly Introduced

S.No.	Course Code with Name
1.	22MC1095 UNIVERSAL HUMAN VALUES WITH ZERO CREDIT (Common to all branches)

(VI) Additional Credit Courses Introduced:

S.No.	Course Code with Name
	NIL

(VII) The following recommendations given by stakeholders are considered and incorporated.

- ✦ It is recommended to change the existing Mandatory courses of Indian Constitution and Essence of Indian Traditional Knowledge from I & II semester to higher semesters (III and IV semester respectively) for the students admitted in the year 2023 and onwards.
- ✦ Also as per the recommendation of Stake holders given in Department Advisory committee meeting, it is suggested to bring the Introduction to soft skill course in the I semester (**with Zero credit**) and the Soft skills and Aptitude –I course in the II semester (**with one credit**) which would be enhancing the employability skills.
- ✦ It is recommended to Universal Human values as the mandatory course in Semester I with zero credit.

(VIII). General Recommendations:

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	No revision or updating required in existing I semester Mathematics and Chemistry courses	Considered
2	Existing & also proposed Employability enhancement course and Mandatory courses are appreciable and recommended to continue the same.	Considered


Chairman
(Board of Studies)


Dean Academics

Dean (Academics)
HiCET



Hindusthan College of Engineering And Technology

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Coimbatore – 641 032

Date : 20.12.2023

ACTION TAKEN REPORT ON BoS

Name of the Department: SCIENCE & HUMANITIES

The meeting of TWELFTH board of studies of Regulation 2022 for the Department of SCIENCE & HUMANITIES was conducted on 24.11.2023 at 12.00P.M in Library, Hindusthan College of Engineering and Technology.

(I) Syllabus Revision for the Regulations 2022

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	22MA2101 - DIFFERENTIAL EQUATIONS AND COMPLEX ANALYSIS Unit II - $e^{ax} f(x)$ may be included.	Approved & Incorporated	5%
2	22MA2102 – DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORMS & 22MA2104 – FOURIER ANALYSIS AND LAPLACE TRANSFORMS Unit IV- Initial and Final value problems may be included.	Approved & Incorporated	5%
3	22MA2103 - DIFFERENTIAL EQUATIONS AND LINEAR ALGEBRA Unit V - Inner product space may be included as first topic of the unit. Symmetric and Skew symmetric matrices may be included.	Approved & Incorporated	5%

(II) Syllabus Related Recommendations for I semester – R2022

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1	As per Anna University direction, தமிழரும் தொழில்நுட்பமும் / Tamils and Technology to be introduced with one credit in the II semester curriculum respectively.	Approved & Incorporated	----
2	Syllabus of Life skill courses for final year students under R 2019 to be ratified by the board of Science and Humanities from this semester onwards.	Approved & Incorporated	----

Overall Percentage of revision made in the BoS: $3/36 = 8.33\%$

(III) New Courses Introduced:

S. No	Regulation	Course Code with Name	Credits
1	2022	22MA4101- APPLIED PROBABILITY AND STATISTICS FOR AGRICULTURAL ENGINEERING (AGRI)	4
2	2022	22MA4102 - APPLIED STATISTICS & QUEUING THEORY(AIML)	4
3	2022	22MA4103 -PROBABILITY AND OPERATION RESEARCH (FT)	4
4	2022	22MA4151- PROBABILITY AND STATISTICS WITH R PROGRAMMING (AERO ,CHEM)	4
5	2022	22MA4152 - APPLIED STATISTICS WITH R PROGRAMMING & QUEUING THEORY (CSE)	4

(IV) Mandatory Courses

S.No.	Course Code with Name
22MC2094/22MC2095	தமிழரும் தொழில்நுட்பமும்/ TAMILS AND TECHNOLOGY

(V) Non-credit Mandatory Courses

S.No.	Course Code with Name
1.	22 HE 2071 - DESIGN THINKING & 22HE 2072 – SOFT SKILLS AND APTITUDE – I (Common to all branches)

(VI) Additional Credit Courses Introduced:


S.No.	Course Code with Name
NIL	

(VII) The following recommendation given by stakeholder(s).

Soft skill courses from the first semester itself is highly valued and suggested that it will be highly beneficial for the career of the students.

(VIII). General Recommendations:

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	English board insisted on concentrating on language skills to enable students to appreciate the language critically. The board members also highly commended the variety of texts incorporated in the syllabus for General English.	Considered
2	It is recommended by the Academic experts that to change the title of Physics for Non circuit Engineering as Engineering Applications of Physics , Physics for Circuit Engineering as Physics for Engineers and Chemistry for circuit Engineering as Engineering Applications of Chemistry in the first and second semester respectively.	Incorporated.


Chairman
(Board of Studies)




Dean Academics