

Date: 14. 12. 2023

ACTION TAKEN REPORT ON BoS

Name of the Department: ELECTRONICS AND INSTRUMENTATION ENGINEERING

The meeting of 12th board of studies of Regulation 2019& Regulation 2022 for the Department of Electronics and Instrumentation Engineering was conducted on 11.12.2023 at 10 a.m in Hybrid Mode.

(I) Syllabus Revision for the Regulations 2022

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1.	22EI2251- Electronic Devices and Circuits	Modified	20%

Overall Percentage of revision made in the BoS: 25.58%

(II) New Courses Introduced:

S. No	Regulation	Course Code with Name	Credits
1.	2022	22EI4201 – Electrical Machines	3
2.	2022	22EE4202 – Integrated Circuits and Its Applications	4
3.	2022	22EI4203 – Industrial Instrumentation - I	3
4.	2022	22EI4204– Analytical Instrumentation	3
5.	2022	22EI4251 – Electrical and Electronic Measurements	3
6.	2022	22EI4001 – Electrical Machines Laboratory	2
7.	2022	22EE4002 – Integrated Circuits Laboratory	2
8.	2019	21EI6203 – Principles of Sensors and Signal conditioning	3
9.	2019	21EI6204 – Embedded Systems for IoT	3
10.	2019	21EI6205 – Adaptive Control	3
11.	2019	21EI6206– Advanced Process Control	3
12.	2019	21EI6207 – Applied Industrial Instrumentation	3
13.	2019	21EI6208 – Instrumentation in Building Automation	3
14.	2019	21EI6231 – Measurements and Measuring Instruments	3
15.	2019	21EI6232– Industrial Instrumentation	3

(III) Mandatory Courses

S.No.	Course Code with Name
1.	22HE4071- Soft Skills - III

(IV). Additional Credit Courses Introduced:

S.No.	Course Code with Name
1.	21VEI5101- Fundamentals of LabVIEW Programming for Instrumentation Engineers

(V). General Recommendations:

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	Suggested to incorporate Recent edition of Text and Reference books in the syllabus.	Considered
2.	Recommended to provide the standard keywords (Blooms Taxonomy verbs) in Course Objectives & Course Outcomes for CO-PO-PSO mapping in order to fulfill the OBE.	Considered



**Chairman
(Board of Studies)**

**Chairman - BoS
EIE - 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: 10.06.2023

ACTION TAKEN REPORT ON BoS

Name of the Department: ELECTRONICS AND INSTRUMENTATION ENGINEERING

The meeting of 11th board of studies of Regulation 2019 & Regulation 2022 for the Department of Electronics and Instrumentation Engineering was conducted on 08.06.2023 at 10.30 a.m in Online Mode through Google Meet.

(I) Syllabus Revision for the Regulations 2019

S.No	Courses in which revision has been done	Action taken	Percentage Syllabus Revised
1.	19EI7201- Computer Control of Process	Incorporated	20%
2.	19EI7251- Bio-Medical Instrumentation	Modified	25%

Overall Percentage of revision made in the BoS: 21.38%

(II) New Courses Introduced:

S. No	Regulation	Course Code with Name	Credits
1.	2022	22EI3201 - Electronic Instrumentation	3
2.	2022	22EE3202 - Electric Circuit Analysis	4
3.	2022	22EI3203 - Sensors and Transducers	3
4.	2022	22EI3251 - Digital Electronics	4

(III) Mandatory Courses

S.No.	Course Code with Name
1.	22MC1093/ 22MC1094 - தமிழர் மரபு/ Heritage of Tamil
2.	21HE5071- Soft Skills - I
3.	21HE5072- Design Thinking

(IV) Non-credit Mandatory Courses

S.No.	Course Code with Name
1.	22HE1073 - Introduction to Soft Skills (Common to all branches)
2.	22MC1095 - Universal Human Values (Common to all branches)

(V) Additional Credit Courses Introduced:

S.No.	Course Code with Name
1.	22HE3071 – Soft Skills and Aptitude -I (Common to all)
2.	22HE3072 – Fundamentals of JAVA Programming
3.	Graphical Programming using Virtual Instrumentation (VAC)
4.	Instrumentation for Industry 4.0 (VAC)

(VI) General Recommendations:

S. No	Suggestion Given by the BoS Experts	Action Taken
1.	Suggested to incorporate Recent editions of Text and Reference books in the syllabus.	Considered
2.	Recommended to include additional subjects in the Honours/Honours with specialization verticals (irrespective of 6 courses) so that, students can get more options to choose to enhance their basics on that corresponding stream.	Forwarded to Standing Committee


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