Department of Electrical and Electronics Engineering

Action taken Report on Curriculum Feedback from students

Sl. No	Feedback	Action Taken
1	Students suggested to provide more internship opportunities	In collaboration with MoU, a few students will be deputed.
2	Students suggested to include more practical content than theory.	Based on the requirement Hands on workshops will be arranged
3	Students suggested to revise Electrical machines course.	The course Electrical Machines is divided into two courses now.

Action taken Report on Curriculum Feedback from Faculty

Sl. No	Feedback	Action Taken
1	Distributed generation and microgrid could be one of the new course.	Microgrid Operation and Control course is introduced
2	Labs should be upgraded with some modern equipment's and experiments	12 Core lab experiments are revised
3	1.The EPGTD (EEE 2008) course needs to be divided into two courses like Electrical Power Generation Separate Course and Transmission & Distribution Separate Course. The credit allotted for the particular courses is only 3. In three credits, it may not be possible to emphasize and cover all three major topics like generation, transmission, and distribution concepts. 2. The Electrical Power Generation Course can be introduced as DE. 3. The Microprocessor and Microcontroller can offer as two different courses. Microprocessor and Microcontroller (EEE 2005) course content can be revised, in the existing course there is less scope in the Microprocessor concepts, so it can be reframed by incorporating the additional concepts	As per the suggestions, 13 courses are separated

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4	For some core courses credits can be increased. More fundamental courses can be included to offer in lower semesters. Most of the courses in the discipline elective baskets are in advanced level. Some of the basic courses can be introduced.	Credit structure of Program core courses are increased to strengthen the fundamentals
5	To cover the syllabus only 30 to 34 hrs getting for 3 credit courses based on which we have to cover the syllabus. It may be planned for 42 to 45 hours. In Electric Vehicle course first module needs to modified	The same will be incorporated in the future.
6	Introduce new courses without affecting the core courses, eg Robotics	The suggestion has been considered while framing the courses
7	Course on transient devices, gas and electrochemical sensors can be introduced.	The suggestions are included in EEEMI lab component and also in Smart sensors for Engineering Applications

Action taken Report on Curriculum Feedback from Employer

Sl. No	Feedback	Action Taken
1	Introduction of industrial based courses	The suggestion is considered and introduced in DE basket

Action taken Report on Curriculum Feedback from Alumni

Sl. No	Feedback	Action Taken
1	Industrial Visit for practical knowledge	After pandemic, this has been a practice and it will be continued

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2	I would suggest the curriculum must include some industrial aspects of study, being exposure to various fields where electrical serves it part. This will help how and where the electrical components behave their property or applications, which will in turn help the students define a lot of things practically and be industry ready. May be during our curriculum EV was a elective, I recommend this to be introduced as a new course as its E-mobility undoubtedly everywhere in all types of vehicles may it be the bikes, cars, construction equipment's or trucks etc. Elective of EV vehicle can include some information like electrical safety at EVs, how the opportunity versus is changing globally and would recommend student research seminars on structural difference of fuel vehicles vs battery, which can include the battery replacement, engine capacity of the vehicle, features and many more.	The suggestions are taken care in framing the syllabus in Automotive Electronics DE basket
3	Should tell about the problems which isthere in the existing system. Should motivate to provide innovative idea to solve the same.	Course ICs are instructed to identify the students and the University has developed an eco-system to take care the students
4	Having more focus on current industry requirements can help a student. Rather learning theory only.	Industry Institute Interaction Webinars are arranged at regular intervals

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As per the feedback received, New Courses are introduced as per Annexure EEE 15.6.2.1. and Course Content Revisions are made as per Annexure EEE 15.6.2.2 for the AY 2022-23.

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Annexure EEE 15.6.2.1

List of new courses:

SI No	Course code	Course Name	L	T	P	C	Remarks
1	EEE3013	VLSI Systems	3	0	0	3	15th BoS
2	EEE 3015	Industrial Automation with PLC and SCADA	2	0	2	3	
3	EEE3016	Sensors Actuators and Controls	2	0	2	3	
4	EEE3035	Microgrid Operation & Control	3	0	0	3	
5	EEE3033	Design of Reliability	3	0	0	3	
6	EEE3052	Control Systems for Robotic Applications	2	0	2	3	
7	EEE3053	Electrical Drive Systems for Robotic Applications	2	0	2	3	
8	EEE2061	Analog and Digital Electronics laboratory	0	0	2	1	
9	EEE2062	Electrical Machines Laboratory	0	0	2	1	
10	EEE2020	Electrical Distribution Systems	3	0	0	3	
11	EEE335	Mathematical Modelling:Analysis and Applications	2	0	0	2	16th BoS
12	EEE336	Electronic Waste Management - Issues and Challenges	2	0	0	2	
13	PIP103	Professional Practice-II	0	0	0	8	

Annexure EEE 15.6.2.2

List of courses revised:

SI No	Course code	Course Name	L	T	P	C	Remarks
1	EEE2002	Electric Circuit Analysis	3	0	0	3	
2	EEE 208/ EEE 2016	Electrical Machines - I	3	0	0	3	
3	EEE 210/ EEE 2017	Electrical Machines – II	3	0	0	3	
4	EEE 212 /EEE2011	Transmission and Distribution	3	0	0	3	
5	EEE 301/ EEE3051	Microcontroller Applications	3	0	0	3	
6	EEE 302	Electrical Machine Design	3	0	0	3	

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7	EEE 303/ EEE3011	Electrical Equipment Testing and Commissioning/Testing and Commissioning of Electrical Equipment	3	0	0	3	
8	EEE 308	Embedded System Design Using ARM	3	0	0	3	
9	EEE 315	Advanced control systems	3	0	0	3	15th BoS
10	EEE 316	Power semiconductor devices	3	0	0	3	
11	EEE 317	PWM Converters	3	0	0	3	
12	EEE 318	Distributed generation and Microgrid	3	0	0	3	
13	EEE1001	Fundamentals of Electrical and Electronics Engineering	3	0	2	4	
14	EEE2004	Opamps and Linear Integrated Circuits	3	0	0	3	
15	EEE3047	Automotive Electrical and Electronic systems for Two and Three Wheelers	3	0	0	3	
16	ECE 213 /EEE3014	Digital Signal Processing Systems	3	0	0	3	
17	ECE 201 /EEE2009	Analog Electronics Circuits	3	0	0	3	
18	ECE 220 /EEE2015	Digital Electronics	3	0	0	3	
19	ECE 253/ EEE2060	Signals and Systems Laboratory	0	0	2	1	
20	EEE1001	Fundamentals of Electrical and Electronics Engineering	3	0	2	4	16th BoS

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