

## **Department of Electrical and Electronics Engineering**

## Action taken Report on Curriculum Feedback from students of AY 2019-2020

Sl. No	Feedback	Action Taken				
1	Students suggested to include more practical courses and teach modern courses.	2 Discipline elective courses, Electric Vehicles (EEE 319) and PLCs for Automation (EEE322) are included in 2019 PRC				
2	Students suggested to maintain balance between the theoretical and practical aspects of every subject.	3 Lab oriented courses are introduced				
3	Students suggested that courses should be updated as per as industry requirements	According to that courses are designed				
4	Students suggested that instead of giving assignments, projects should be given based on industry requirements.	We are conducting industrial visits and webinars through industrial experts. According to that we are planning to give assignments to the students.				
5	Students suggested that the lab curriculum should be designed in such a way that the students can get more hands-on.	2 Courses related to industrial requirements are included in the curriculum				
6	Students suggested to include more innovative and interesting courses.	Innovative projects are implemented for every course in the curriculum				
7	Students suggested to include more subjects and skills required by the industry.	2 Courses related to industrial requirements are included in the curriculum.				
8	Students suggested to update the curriculum as per the requirement of the current industry	"2 Courses related to industrial requirements are included in the curriculum."				

## Action taken Report on Curriculum Feedback from Faculty of AY 2019-2020

Sl. No	Feedback	Action Taken
1	Technical skills exclusive to the industrial requirements need to be incorporated	More webinars and industrial visits are planned for every semester to acquire the industrial skills
2	The syllabus is really good and suggestion is industries/corporate are required more practical knowledge, so in these aspects we need to focus on more on practical aspects instead of only theories.	3 Lab oriented courses are introduced







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3	More focus on interdepartmental research
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UP-II projects are implemented as a inter department-based projects

#### Action taken Report on Curriculum Feedback from Employer of AY 2019-2020

Sl. No	Feedback	Action Taken				
1	Industrial Visit to be planned to enhance the skill of the learner	Department of EEE already organized industrial visit for all the students.				
2	The project-based learning need to be put forward compared to theoretical courses	The student is motivated to do project activity through the organization of technical webinars and workshops				

#### Action taken Report on Curriculum Feedback from Alumni of AY 2019-2020

Sl. No	Feedback	Action Taken				
1	Include more practical and teach updated courses. Electrical Engineering is a very interesting field but we were stuck with age old theory and courses related EVs, PLCs can be included	Discipline elective courses, Electric Vehicles (EEE 319) and PLCs for Automation (EEE322) are included in 2019 PRC				
2	I strongly feel courses syllabus should be updated as per as industry requirements	2 Courses related to industrial requirements are added in the curriculum.				
3	Instead of giving assignments in every subject, ask the students to work on something that is happening in the market. Teach them the current technology instead of the outdated/old ones.	It will be taken care in Continuous Assessments				
4	The course can deal with more innovation and interesting.	course instructors will be instructed to conduct active learning sessions.				
5	Include more subjects and skills required by the industry.	Included 3 discipline electives in the curriculum				
6	Update the curriculum as per the requirement of the current industry	2-Courses related to industrial requirements are added in curriculum.				

As per the feedback received, New Courses are introduced as per Annexure EEE 11.6.2.1. and Course Content Revisions are made as per Annexure EEE 11.6.2.2 for the AY 2020-21.





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#### Annexure EEE 11.6.2.1

### List of new courses:

SI No	Course code	Course Name	L	Т	Р	С
1	EEE 334	Battery Technology	3	0	0	3
2	EEE 319	Electric Vehicles	3	0	0	3
3	EEE 320	Finite Element Analysis for Electrical Machines	3	0	0	3
4	EEE 321	Switched Mode Power Conversion	3	0	0	3
5	EEE 322	PLC's for automation	3	0	0	3
6	EEE 323	Introduction to Micro Electro Mechanical Systems	3	0	0	3
7	EEE 324	Special Electrical Machines and their Applications	3	0	0	3
8	EEE 325	Sensors, Transducers and their applications	3	0	0	3
9	EEE 326	Computer Applications in power systems	3	0	0	3
10	EEE 328	Energy Audit and Demand Side Management	3	0	0	3
11	EEE 329	Fundamentals of Automotive Electronics	3	0	0	3
12	EEE 331	Industrial Automation and Control	3	0	0	3
13	EEE 332	Electric Vehicles II	3	0	0	3
14	EEE 333	Automotive Safety	3	0	0	3
15	EEE327	Renewable Energy sources	3	0	0	3

#### Annexure EEE 11.6.2.2

#### List of courses revised:

SI No	Course code	Course Name	L	Т	Р	С
1	EEE 257	Electrical and Electronic Measurements and Instrumentation Lab	0	0	2	1
2	EEE 263	Computer Aided Design for Electric machine winding	0	0	2	1
3	EEE 309	Real Time Embedded System Design	3	$\int_{0}^{0}$	0	3
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4	EEE 314	Energy management systems and SCADA	3	0	0	3
5	EEE 221	Energy Audit	3	0	0	3
6	EEE 222	Research Methodology	3	0	0	3
7	EEE 103	Professional Ethics in Engineering	3	0	0	3
8	EEE 224	Soft Computing Techniques	3	0	0	3
9	EEE 104	Control Systems	3	0	0	3
10	EEE 225	Fundamentals of Robotics	3	0	0	3
11	EEE 105	Electrical Engineering Lab	2	0	2	2
12	EEE 226	Nanotechnology Fundamentals and Applications	3	0	0	3



