



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
Pulloor, Kariapatti – 626 115



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

M.E (POWER ELECTRONICS AND DRIVES)

Stakeholder's Suggestions for R2021 Curriculum & Syllabus and its Action Taken

Stakeholder	Feedback	Feedback Analysis	Action Taken
International Faculty			
Dr. S. Deivasigamani Senior Lecturer/ FECT, AIMST University, Malaysia	Suggested to offer the course Control of Special Electrical Machines.	Special Electrical Machines are already studied by UG students. As a PG student, they have to know the controlling mechanisms of Special Electrical Machines	The Course "Control of Special Electrical Machines" is included in Program Elective.
	Suggested to remove the course "Harmonics Filter Design"	Course is very specific to harmonic filter. But it may be useful only for research scholars.	The Course "Harmonics Filter Design" is removed from R2019.
Employer / Industry Person			
Mr. G.V. Soundararajan Managing Director G V Industrial Heaters, No.3, N.N. Road, Rathinapuram, Madurai – 625011.	Suggested to offer Power Electronic Converters for Renewable Energy System	Renewable Energy System is an emerging technology to protect the conventional energy resources and there is a need to develop converter for achieving better energy efficiency in renewable energy system.	Power Converters for Renewable Energy Systems is included in Program Core

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Mr. P. Saravanan, Managing Director, Solariz Regen Technologies PVT. LTD., Kovilpatti	Suggested to include design oriented courses in Renewable Energy System	Renewable energy sources (REsS) offer a promising prospect for covering the fundamental needs of electricity for remote and isolated regions.	Design and Modeling of Renewable Energy Systems is included in Program Elective
Mr. R. Rajesh Kumar Manager – HR, ELGi Equipments Ltd., Coimbatore	Program Electives may be provided to meet out the industrial needs.	Courses related to Industrial Safety and Standards may be included.	Industrial Safety is already offered as Open Elective by M.E-CAD/CAM
Faculty			
Dr. B. MeenakshiSundaram	Suggested to offer the following new course Design of Electric Vehicle Charging System	EVs are becoming increasingly popular in India including the increasing awareness of the environmental benefits of EVs, the declining cost of EV batteries, and the growing availability of EV charging infrastructure. It increases the employability of the students in core companies.	Design of Electric Vehicle Charging System is offered in Program Elective
Dr. S. Vijayarajan Mr. S. Kannadasan	IoT based courses may be offered	IoT is offered as Open Elective by other Engineering Board. If such course is offered by the EEE board, the other important Core courses and Program Elective courses may be replaced.	It is offered as "IOT for Smart Application" in Open Elective by other Department board.
Mr. S. Sugumar	Suggested to offer Electric Vehicles and Energy	Energy Storage is the key component in making electric vehicles	Electric Vehicles and Energy Storage is offered in Program Core

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	Storage	more environment-friendly, cost-effective and drives the EVs into use in day to day life	
Dr. G. Soundradevi Dr. J. Jeyashanthi	Electric Hybrid Vehicle may be offered	As per the TIFAC core "Technology Vision 2035" in the R&D platform, Electric Hybrid Vehicle plays a vital role in Automobile Industry and it is essential for an Electrical Engineer to know about the Electric Vehicle.	Electric Vehicles and Energy Storage is offered in Program Core and Design of Electric Vehicle Charging System is offered in Program Elective
Dr. J. Jeyashanthi	VLSI Architecture and Design Methodologies may be removed	VLSI Architecture is not domain specific.	VLSI Architecture and Design Methodologies is removed from R2019.
Peer Faculty			
Dr.P.Anitha Asst.Prof. & HoD / EEE University VOC College of Engineering (constituent College of Anna University), Thoothukudi.	"Power Electronics Applications in Power Systems" may be offered.	Power electronics plays a pivotal role in providing power based on the desired specifications. It is widely used in motor control systems such as industrial automation, robotics, and power generation systems.	It is offered as "Power Electronics Applications in Power System" under Program Elective
Dr. S. UmaShankar, Associate Professor, VIT University, Vellore.	Embedded Course may be added	There is a shortage of talented engineers unaware of the opportunities in embedded domain moving towards IT-based MNC's and missing a demanding career in embedded systems.	Embedded Control of Electric Drives is offered as Program Elective
Dr.Kaliamoorthy Professor/EEE PSNA College of Engineering & Technology,	Practical Sessions may be included along with Theory component	To meet out the industry needs, it is necessary to give more practical sessions for the courses related to	The below listed courses are offered as integrated course under Program Elective. 1. Design of Motor and

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Dindigul		recent trends.	Power Converters for Electric Vehicles 2. Design of Electric Vehicle Charging System 3. Design and Modeling of Renewable Energy Systems
Alumni			
Lekha M	Hands on Training on Embedded C Programming may be offered	By considering the emerging trend and employability, it is decided to give hands on training on "Embedded C Programming"	It is offered as Value Added Course
Thenmozhi Pandi G	PLC Programming may be offered.	PLC Programming is essential in industrial applications. Hands on session will be useful for the students to get practical exposure.	It is offered as Value Added Course
Aravindhan K	It is suggested to include the course related to the drives which are used in industries.	Industrial motor drives account for almost two-thirds of energy consumed in industrial applications today. It should be helpful to the students for the better understanding of the industrial scenario.	It is already included as Modern Industrial Drives
Student			
Shanmitha M	Embedded C Programming may be offered	Embedded Programming plays an important role in Automation process.	It is offered as Value Added Course.
Anbarasan C	Electric Vehicle may be included	As per the TIFAC core "Technology Vision 2035" in the R&D platform, Electric Hybrid Vehicle plays a vital role in Automobile Industry and it is essential for an Electrical Engineer to	Electric Vehicles and Energy Storage is offered in Program Core and Design of Electric Vehicle Charging System is offered in Program Elective.

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		know about the Electric Vehicle.	
Anisha Nasrin A	Business Management related course may be offered	Business Management course may act as key indicator to the students for becoming an Entrepreneur.	"Business Analytics" is offered by other Programs as "Open Elective".
Rajavel K	Arduino Programming may be offered	Hands on Session is enough to practical exposure in Arduino.	It is offered as Value Added Course.

H. D. I. E. E. C.

Chairperson
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