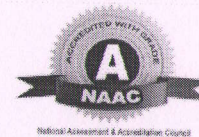




SETHU INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Stakeholder's Feedback for R2019 Curriculum & Syllabus and its Action Taken

Stakeholder	Feedback	Feedback Analysis	Action Taken
International Faculty			
Mr. S. Deivasigamani Senior Lecturer, Department of Electrical and Computer Engineering, AIMST University, Malaysia	Course "Engineers and Society" may be added	It is the responsibility of an Engineer to satisfy the Societal needs without compromising laws and standards framed by our Indian Constitution. AICTE is also suggested to include "Indian Constitution" Course in Professional Courses.	The course "Indian Constitution" in R2019 Curriculum.
Employer / Industry Person			
Dr. P. Sivaseetharaman Analog Engineer / Advanced Helicopter Electromagnetics Lab, Arizona State University	The project work can be given two semesters time.	Students need more Project based Courses to improve Practical Knowledge and Employability. Integrated Courses are also included to improve the Practical exposure. But, students are motivated to do real time projects if the separate Project courses are offered with Credits.	It is offered as Technical Project and Product Development in VI semester and Project Work in VIII semester

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Faculty			
Mr. M. Ramuvel Mr. K. Maheshkumar Mrs. S. Rohini Mr. M. Muhammed Alaudeen Ashiq Mrs. K. Elavarasi Mr. R. Mohammed Abdullah Dr. J. Bastin SolaiNazaran	IoT may be offered	Internet of Things is the emerging concept in today's scenario. It may be offered in Program Elective. If it is offered in Program Elective, students may miss to study that Course. So, it is essential to offer the course "IoT" in core courses.	It is offered as "IoT for Electrical Automation" in V semester.
Dr. R.M. Sasiraja Mrs. J. Jeyashanthi Mr. S. Sugumar	Python Programming may be offered	Python Programming is essential in Machine Learning, AI and other advanced concepts. It is decided to offer Python Programming instead of C Programming in first semester.	It is offered in First semester
Dr. R.M. Sasiraja Mrs. P. Meenalochini	VLSI Design with Verilog HDL may be offered	In the course "Principle of Digital Electronics" Verilog HDL is offered as one Unit for improving the programming concepts in Digital Design. If the student is more curious to study VLSI Design other than the programming concepts, he/she may opt "Analog and Mixed Mode VLSI Design" from Program Elective.	Analog and Mixed Mode VLSI Design is offered in Program Elective.

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Mrs. J. Jeyashanthi Mrs. K. Elavarasi	1. Artificial Intelligence 2. Human Physiology with AI may be added	Artificial Intelligence and Human Physiology will offered as Open Elective by other Programs such as Computer Science and Engineering and Biomedical Engineering respectively. If such courses are offered by the EEE board, the other important Core courses and Program Elective courses may be replaced. Machine Learning is the basic for such courses. So, Machine Learning may be offered.	Machine Learning course is as Program Elective
Dr. A. Marikannan Mr. R. Mohammed Abdullah	Special Electrical Machines Lab may be added	Experiments related to Special Electrical Machines are already available in Electric Drives and Control Lab.	It is offered in Electric Drives and Control Lab.
Mr. M. Muhammed Alaudeen Ashiq Ms. C. Sonia Mrs. V.S. Chitra	Electrical Softwares (REVIT), System Identification may be added	More softwares are already come under various lab courses and Integrated Courses. If it is offered in Core, it may overload the students. REVIT is Employability Enhanced course, so, it can be offered as separate Value Added Course.	It will be offered as Value Added Course based on the students' request.
Dr. A. Marikannan	Matlab programming and Multisim based simulations may be offered	Experiments related to Matlab programming and Multisim based simulations are already available in Analog Electronics Lab, Electric	It is offered in Laboratory courses

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		Drives and Control Lab and Power System Simulation Lab.	
Dr. M. Abdul Kareem	Probability and Statistics may be offered	AICTE is also suggested to include "Probability and Statistics" in core Courses. If it is offered as separate course, it has to be offered only in fourth semester with separate credits which affects the total Credits. So, this topic may be combined with other Mathematics Course.	It is offered as "Probability, Statistics, Complex Analysis and Numerical Methods" in Third Semester.
Ms. C. Sonia Mr. C. Immanuvel	Data Structures, OOPS, C, C++ may be offered	By considering the advanced concepts in Programming, Python Programming is offered in first semester instead of C Programming. So, it is discussed with the students for introducing the course "Data Structure and C" and they also suggested to include that Course.	It is offered as "Data Structure using C" in Fourth Semester.
Mr. V. Kannan	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.	It is offered in Seventh Semester

Stakeholder	Feedback	Feedback Analysis	Action Taken
Student			
Sasikumar S Samuel Nelson N Rama Priya R Saravanan I Dhivya Meena M	C Programming may be offered	By considering the Placement, it is decided to offer "Data Structure using C" in core.	It is offered in Fourth Semester
Venkatesh M Surendran D	Electrical Estimation may be included	Energy Audit Course is already offered in Program Elective. Electrical Estimation topic may be added in that course.	It is offered in Program Elective
Surendran D Ratheesh Kumar P Saravanan I Dhivya Meena M	1. Advanced Microprocessor and Microcontroller 2. Arduino Programming, board operation and Construction may be offered	In Microprocessor and Microcontroller Programming, basic 8085 and 8051 concepts are necessary to face Government and other Competitive Examinations. So, it is decided to offer the course "Advanced Microprocessor and Microcontroller" in Elective.	It is offered as "Advanced Microprocessor and Microcontroller" in Program Elective.
Sathish A Rajeshwaran K	Industrial Automation may be offered	PLC and SCADA is already offered in Program Elective	It is offered as Program Elective
Sathish A Deepak B	Python Programming may be included	Python Programming is essential in Machine Learning, AI and other advanced concepts. It is decided to offer Python Programming instead of C Programming in first semester.	It is offered in First semester

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Peer Faculty			
Dr. A. Radhika Assistant Professor / Velammal College of Engineering and Technology, Madurai	Courses focused on "Renewable Energy Sources" may be offered	Non-Conventional Energy Resources are already offered in R2015. Due to the introduction of new courses in core, it is decided to offer "Solar and Wind Energy System" in Program Elective. For improving the Practical Knowledge, Renewable Energy lab may be offered with 1 Credit.	It is as Solar and Wind Energy Systems in Program Elective. Renewable Energy Lab is offered in VII Semester.
Alumni			
M. Ashok Kumar	C Programming may be offered	By considering the Placement, it is decided to offer "Data Structure using C" in core.	It is offered in Fourth Semester
S. Ashok	PLC, SCADA may be offered	It is already offered in Program Elective.	It is offered as Program Elective.
Amsath Sahil	REVIT MEP, PRIMAVERA may be offered	More softwares are already come under various lab courses and Integrated Courses. If it is offered in Core, it may overload the students. REVIT is Employability Enhanced course, so, it can be offered as separate Value Added Course.	It will be offered as Value Added Course based on the students' request.

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Shanmuga Priya V	Electric Hybrid Vehicles 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.	It is offered in Seventh Semester
Mohamed Javid Nazeer S	Critical Thinking and Problem Solving Techniques may be included	Critical thinking and Problem Solving Techniques are the crucial skills for the students to survive successfully in work place.	It is offered as “Creative Thinking and Innovation” in Fifth Semester
Balaji M	Product Development lab may be included	Students need more Project based Courses to improve the Practical Knowledge and Employability. Integrated Courses are also included to improve the Practical exposure. But, students are motivated to do real time projects if the separate Project courses are offered with Credits.	It is offered as Technical Project and Product Development in VI semester and Project Work in VIII semester

The above feedback is analyzed in the Program Assessment Committee and Department Advisory Board and suitable actions are initiated.


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