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MINUTES OF THE MEETING

Date of the meeting: Saturday, 04th July 2020

Name of the meeting: Board of Studies Meeting -EEE

Attended by: External Expert members Dr.Elan Seralathan, Associate Professor, Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Dr.Arul Daniel, Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Trichy, Mr.Abhishek Jain, Technical Lead, Honeywell Technology Solutions, Madurai and Internal Expert members Dr. Samuel Raja, AP/Mech and EEE faculty.

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	HoD welcomed all BOS Members. Dr.D.Kavitha presented Agenda of the meeting, Vision, Mission of the department, PEOs and POs of UG (B.E EEE) programme.	<ol style="list-style-type: none"> 1. To scrutinize and approve the categorization and scheduling of courses for the EEE students admitted from the year 2018-19 onwards. 2. To scrutinize and approve the syllabi of the Programme elective courses of B.E.EEE Degree programme for the students admitted from the year 2018-19 onwards. 3. To scrutinize and approve the syllabi of Engineering Science elective “18EEEA0-Internet of Things” to be offered for students in any engineering discipline admitted from the year 2018-19 onwards. 4. To get suggestions for the syllabus of Engineering Science course “18ES590 – System Thinking” 	HOD	
2.	Agenda-I: Dr.DK presented the categorization and scheduling of courses for the EEE students admitted from the year 2018-19 onwards. The changes in offering semester for the courses “System Thinking” and “Capstone Design Project” are highlighted.	Categorization and scheduling of courses approved	HOD	

3.	Agenda-II: The following courses are presented and the clarifications on the queries raised are addressed by the course designers. 18EEPC0: Design of Electrical Installations – Dr.VS, Dr.PSM	Syllabus approved	-	-
4.	18EEPT0 Wind and Solar Technology – Dr.PV	Minor spelling corrections are pointed out. Expert member Mr.Abhisekh Jain suggested online wind energy tool.	Dr.PV	07.07.20
5.	18EERC0 Principles of Energy conservation- Dr.VS	Syllabus approved	-	-
6.	18EERD0 Operation and Maintenance of Electrical equipment – Dr.NSV	Electrical inspection and safety rules may be incorporated in the syllabus.	Dr.NSV	07.07.20
7.	18EEMP0 Real Time Operating System – Dr.MS & Dr.PSM	Dr.MS and Dr.PSM highlighted the content. Expert member suggested website https://www.freertos.org/index.html	Dr.MS Dr.PSM	07.07.20
8.	18EEPN0 Embedded Systems Design (TCP) – Dr.MS & Dr.PSM	Syllabus approved	-	-
9.	18EERG0 Industrial Electrical and Electronics – Dr.GSS	Syllabus approved	-	-
10.	18EERH0 Testing & Certification of Automotive Electrical and Electronic Systems – Dr.RM	The members pointed out there are only 5 Cos and all the COs are in ‘Understand level’	Dr.RM	07.07.20
11.	18EERL0 Manufacturing of Automotive Electrical and Electronic Parts – Dr.RM	The members pointed out that all the COs are in ‘Understand level’ . The designer Dr.RM informed that the nature of the course demands only understand level of Cos and there is no scope for applying in new environment.	Dr.RM	07.07.20
12.	18EIPA0 Control System Design – Prof.MVR	Weightage of COs may be slightly modified.	Prof.MVR	07.07.20
13.	18EEPB0 Operations Research – Dr.DK	Syllabus approved. Experts commented to check the title in the front page and title.	Dr.DK	07.07.20
14.	18EEP R0 Automotive Fundamentals and Manufacturing - Dr.Samuel raja, Ap,Mech	Performance of planetary gears may be included	Dr.Samuel raja, Ap,Mech	07.07.20
15.	18EERF0 Industrial instrumentation -Prof. RS	Syllabus approved.	-	-
16.	18EERJ0 Quality Engineering – Dr.SCR	Syllabus approved.	-	-
17.	18EERK0 Reliability Engineering – Dr.RM	Reliability testing for hybrid vehicles may be included. One additional CO should be joined.	Dr.RM	07.07.20

18.	18EEPY0 Power Quality – Dr.VSK, Dr.GSS	Expert members pointed out ‘grounding’ may be replaced by ‘effects of improper grounding’ since the same topic is covered in other course also.	Dr.GSS	07.07.20
19.	18EEPZ0 Special Machines and Drives – Dr.LJS	Syllabus approved.	-	-
20.	18EERA0 Power Electronics for Renewable Energy Systems -Dr.VSK, Dr.GSS	Minor correction is suggested in the content heading.	Dr.GSS	07.07.20
21.	18EERB0 Simulation of Power Electronic Systems (TCP) - Dr.LJS	Practical component may be verified with the contents of Power Electronics and Drives lab. Minor correction is suggested in the content heading. Expert member suggests https://www.scilab.org instead of MATLAB.	Dr.LJS	07.07.20
22.	Agenda - III: 18EEEE0 Internet of Things – Dr.PSM	Experts commented on the need of any prerequisites for other branch students. Syllabus approved.	-	-
23.	Agenda - IV: “18ES590 – System Thinking”	Experts pointed out the variations in the L-T-P and appreciated the course. There is need of mentioning about team work in the syllabus. Websites such as https://www.mindmapping.com/ https://www.luma-institute.com/ may be used while handling the course. HOD asked to verify if any overlapping of content is with another course “System Approach for Engineers”	Dr.DK	07.07.20
24.	Open discussion and HoD thanked all the members for their active participation and constructive suggestions.	Electives on Hybrid Vehicles, High Voltage Engineering, Electric Vehicles, Entrepreneurship course with respect to developing products, Management courses may be provided in future.	HOD	07.07.20

Prepared by Dr.D.Kavitha Date 04.07.20 Approved by Dr.N.Kamaraj, Date 04.07.20