

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI 625 015
Department of Electronics and Communication Engineering

MINUTES OF THE MEETING

Name of the meeting : Board of Studies Meeting (Online via Google meet), ECE Department
Date of the meeting : 04th June 2022
Time : 10.30 A.M
Duration : 2 Hour

The following points were discussed:

1. Credit distribution, Scheduling of courses (prepared based on various meetings with ALUMNI), for B. E (ECE) Programme, for the students to be admitted from the Academic year 2022-23 onwards.
2. Programme performance assessment committee (PPAC) report.
3. Any other matter.

Attended by:

Dr.S.Rajaram	Chairman, Board of Studies (ECE) / Professor and Head of ECE Department, TCE, Madurai
Dr. Balaji Srinivasan	Professor, Department of EE, Indian Institute of Technology Madras
Dr.T.Purusothaman	Professor, Department of ECE, Govt. College of Technology, Coimbatore
Dr.S.Manivannan	General Manager, Siemens Ltd., Bangalore
Dr.D.Sriram Kumar	Professor, Department of ECE, National Institute of Technology Trichy
Dr. T. Ganesan	Director and CTO, MMRFIC Technology Pvt. Ltd., Bengaluru
Dr. S. Deepak Ram Prasath	Project Manager, Thiagarajar Telekom Solutions Ltd., Madurai

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Faculty Members:

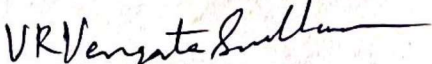
1. Dr.S.J.Thiruvengadam	Professor, ECE and Dean (Academic Process)
2. Dr.B.Manimegalai	Professor
3. Dr.S.Md. Mansoor Roomi	Professor
4. Dr R A Alaguraja	Associate Professor
5. Dr S Kanthamani	Associate Professor
6. Dr.K.Hariharan	Professor
7. Dr B. Yogameena	Professor
8. Dr B. Sathyabama	Professor
9. Dr.M.N.Suresh	Associate Professor
10. Dr K. Rajeswari	Associate Professor
11. Dr N.B. Balamurugan	Professor
12. Dr.V.Vinoth Thyagarajan	Assistant Professor
13. Dr G. Ananthi	Assistant Professor
14. Dr E. Murugavalli	Assistant Professor
15. Dr.K.Vasudevan	Assistant Professor
16. Dr.D.Gracia Nirmala Rani	Associate Professor
17. Dr P.G.S. Velmurugan	Associate Professor
18. Dr V.R. Venkatasubramani	Assistant Professor
19. Mr M Senthilnathan	Assistant Professor
20. Dr N. Ayyanar	Assistant Professor
21. Dr G Prabhakar	Assistant Professor
22. Dr M Senthilarasi	Assistant Professor


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#	Points Discussed	Action Plan	Responsibility	Target date
1.	Agenda of the Meeting	Dr.S.Rajaram welcomed the members of the Board of Studies and presented the Agenda of the meeting. The statement of Vision, Mission, Programme Educational Objectives, Programme Outcomes, Programme Specific Outcomes of the B.E (ECE) Programme were displayed.	-	-
2.	Credit distribution for 2022 curriculum	Dr V.R. Venkatasubramani presented the Credit distribution for 2022 curriculum and the same has been passed for approval in Academic council meeting.	-	-
3.	Four Broad Areas	<p>Dr S Rajaram presents the Four Broad Areas identified for ECE department. Area 1 (Electronics Products and Systems) and Area 2 (Wireless and Optical Communications) are apt. However, Area 3 and 4 needs rethinking and can be changed as follows:</p> <ul style="list-style-type: none"> • Area 3 – Secure communication / Cyber physical system • Area 4 – Data Engineering <p>In a broader sense, the Areas (theme) should focus on specific skill sets rather than more on applications.</p>	-	-
4.	Scheduling of courses for 2022 curriculum	<p>Dr S Rajaram / Dr S J Thiruvengadam / Dr V.R. Venkatasubramani presented the Scheduling of courses for 2022 curriculum and the same has been passed for approval in Academic council meeting. The following suggestions were given:</p> <ul style="list-style-type: none"> • The sequence of the courses in the scheduling of courses shall give a clear viewpoint to the students about the objective of courses and project. • First semester Engineering calculus mathematics course shall include Complex analysis. • The major portion of First semester Physics course and Physics Lab course shall include Electronic Devices. • First semester chemistry course shall include modules on dialysis machine, reverse osmosis, battery charging & discharging, heat transfer/dissipation, nanomaterials, nanoelectronics, quantum level, sustainability, cooling design, carbon neutral solutions, carbon footprint etc. • In the Data Science course, the first module shall include topics on understanding of Data sources. 	Dr V.R. Venkatasubramani	10.06.22

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#	Points Discussed	Action Plan	Responsibility	Target date
		<ul style="list-style-type: none">• The curriculum shall include courses on Microwave system, Mobile communication, Television, Data compression, AR/VR, Statistical signal processing, Computer graphics.• Advanced tools like 'SOLIDWORKS' can be used for Engineering Drawing with AUTOCAD.• Mathematics topics handled by ECE faculty should contain a plethora of problem solving from standard books.• Python can be introduced in 2nd Semester and OOPS concept of Python in 3rd Semester.• Design Thinking can be combined with Project Management and can be offered in 4th Semester.		


Prepared by: Dr.V.R.Venkatasubramani
Date: 04.06.2022


Approved by: HoD/ECE

This Board of Studies Meeting is conducted online and hence the member signatures are not present.