

MINUTES OF THE MEETING

Name of the meeting : Board of Studies Meeting (Online via Google meet), ECE Department
Date of the meeting : 22nd June 2021
Time : 4.30 P.M
Duration : 1 ½ Hour

The following points were discussed:

1. Revised Syllabus, based on CDIO framework, for the courses '18EC231 Electronic Devices' and New Syllabus for Engineering science course '21ES240 Electronic Materials' in II semester of B.E (ECE) programme for the students admitted from the Academic year 2021-22 onwards.
2. Syllabus, based on CDIO framework, for the core course '18EC710 Consumer Electronics' and project course '18ES790 Capstone Design Project' in VII semester of B.E (ECE) programme for the students admitted from the Academic year 2018-19 onwards.
3. Syllabus, based on CDIO framework, for the course under the category "Programme Elective for Expanded Scope" for B.E (ECE) programme for the students admitted from the Academic year 2018-19 onwards.
4. Syllabus, based on CDIO framework, for the industry supported courses for B.E (ECE) programme for the students admitted from the Academic year 2018-19 onwards.
5. Scheduling of courses (prepared based on various meetings with ALUMNI), based on CDIO framework, for B. E (ECE) programme for the students to be admitted from the Academic year 2022-23 onwards.
6. Categorization of courses in Choice Based Credit System (CBCS) for B. E (ECE) programme for the students admitted from the Academic year 2018-19 onwards and 2021-22 onwards.
7. Scheduling of courses, based on CDIO framework, for B. E (ECE) programme for the students admitted from the Academic year 2018-19 onwards and 2021-22 onwards.
8. 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.D.Sriram Kumar

Professor, Department of ECE, National Institute of Technology Trichy

Dr.T.Purusothaman

Professor, Department of ECE, Govt. College of Technology, Coimbatore

Mr.P.Chinnadurai

Sr. Project Leader, Jasmine InfoTech Pvt. Ltd., Chennai

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.S.Kanthamani Associate Professor
5. Dr.K.Hariharan Associate Professor
6. Dr M.S.K. Manikandan Associate Professor
7. Dr B. Yogameena Associate Professor
8. Dr B. Sathyabama Associate Professor
9. Dr.M.N.Suresh Assistant Professor
10. Dr K. Rajeswari Assistant Professor
11. Dr N.B. Balamurugan Associate 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 Assistant Professor
17. Dr P.G.S. Velmurugan Assistant Professor
18. Dr.V.R. Venkatasubramani Assistant Professor
19. Mr M.Senthilnathan Assistant Professor
20. Dr.M.Mahendran Professor and Head (In-charge) / Physics Department

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

#	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. Dr.V.R.Venkatasubramani displayed the statement of Vision, Mission, Programme Educational Objectives, Programme Outcomes, Programme Specific Outcomes of the B.E (ECE) programme. Also Dr.V.R.Venkatasubramani displayed the Scheduling of Courses and Courses of Study.	-	-
2.	21EC240 Electronic Materials	Dr.M.Mahendran presented the course and the syllabus has been passed for approval in Academic council meeting. The following changes are suggested: <ul style="list-style-type: none"> • The syllabus seems to be quite advanced for II semester students. Therefore, this syllabus can be finalized after discussion with the students. • This course can be also offered as Engineering sciences elective in VI semester with suitable modification. 	Dr.M.Mahendran	28.06.21
3.	18EC231 Electronic Devices	Dr N.B. Balamurugan presented the revised syllabus of the course and the same has been passed for approval in Academic council meeting. The following suggestions were given: <ul style="list-style-type: none"> • Complete Module -1 syllabus within the first two weeks of classes. 	Dr N.B. Balamurugan	28.06.21
4.	18EC710 Consumer Electronics	Dr S.Md. Mansoor Roomi presented the course and the syllabus has been passed for approval in Academic council meeting. The following changes are suggested: <ul style="list-style-type: none"> • At a system level perspective, the syllabus may include controller, actuators, sensors and connectivity. • Topic on VOIP, sound bar may be included in the syllabus. 	Dr S.Md. Mansoor Roomi	28.06.21
5.	18ECRC0 Multimedia Compression Techniques	Dr B. Sathyabama presented the course and the syllabus has been passed for approval in Academic council meeting. The following changes are suggested: <ul style="list-style-type: none"> • It has to be ensured that there is no repetition of topics as compared with 18EC260 Image Processing syllabus. 	Dr B. Sathyabama	28.06.21
6.	18ECRD0 Signal Processing in 5G NR	Dr M.N. Suresh presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
7.	18ECRE0 Algorithms for VLSI Design Automation	Dr.D.Gracia Nirmala Rani presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
8.	18ECRF0 Low Power VLSI Design	Dr.V.Vinoth Thyagarajan presented the course and the syllabus has been passed for approval in Academic council meeting. The following changes are suggested: <ul style="list-style-type: none"> • Recent edition books can be identified and included in the Learning resources. 	Dr.V.Vinoth Thyagarajan	28.06.21
9.	18EC1A0 Field Tests for a 5G Future	Dr.S.Kanthamani presented the course and the syllabus has been passed for approval in Academic council meeting without change e.	-	-

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#	Points Discussed	Action Plan	Responsibility	Target date
10.	18EC1B0 Deep Learning with Tensorflow	Dr B. Yogameena presented the course and the syllabus has been passed for approval in Academic council meeting. The following changes are suggested: <ul style="list-style-type: none"> • A prior knowledge of neural networks would have been better to pursue this course necessary. Hence appropriate basics of neural networks can to be handled first to have a seamless transition to the course main topics. • This course can be also offered as full-fledged Engineering sciences elective in VI semester with suitable modification. 	Dr B. Yogameena	28.06.21
11.	18EC1C0 Synchronization for 5G NR	Dr.G.Ananthi presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
12.	18EC1D0 Speech Signal Processing	Dr P.G.S. Velmurugan presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
13.	18EC1E0 VLSI Implementation of Communication Transceivers	Dr.N.B.Balamurugan presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
14.	18EC1F0 Embedded System Design	Dr K.Hariharan presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
15.	18ES790 Capstone Design Project	Dr S.J.Thiruvengadam presented the course and the syllabus has been passed for approval in Academic council meeting without change.	-	-
16.	Scheduling of courses for students joining in 2022-23 (prepared based on various meetings with ALUMNI)	Dr S.J.Thiruvengadam presented the draft - Scheduling of courses for students joining in 2022-23, and details of the method followed in arriving at this scheduling. The same shall be brought forward in the next BoS meeting with appropriate improvements.	-	-

V.R.Venkatasubramani
Prepared by: Dr.V.R.Venkatasubramani
Date: 22.06.2021

S.S.
Approved by: HoD/ECE

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