

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE
(Government Aided Autonomous Institution)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MINUTES OF THE MEETING

DATE: 15.03.2022

The Board of Studies (BoS) meeting of the department - **Electrical and Electronics Engineering** was held on **15.03.2022, Tuesday by 03.30 P.M** via hybrid mode (External members (Online) in **Gmeet** (Meeting URL: <https://meet.google.com/upf-qdqz-xcq> and Internal members (Offline) in Room No. IT212) with the members nominated as follows:

NAME AND DESIGNATION OF THE MEMBERS
CHAIRPERSON-BOS
Dr.S.Vasantharathna, Professor and Head, Department of EEE, Coimbatore Institute of Technology, Coimbatore -641 014
UNIVERSITY NOMINEE
Dr.A. Arunya Revathi Professor, Department of EEE, Alagappa Chettiar college of Engineering and Technology, Karaikudi – 630 003. Tamilnadu, India Ph : +91 9443502182 E-mail: arunyarevathi_eee@yahoo.co.in
SUBJECT EXPERTS
Dr.K.Selvi, (Pre-Occupied) Professor, Electrical and Electronics Engineering Dept, Thiagarajar college of Engineering, Madurai-625 015, off-04522482240 Ph: 9443804920 Email : kseee@tce.edu
Dr.M.P.Selvan Associate Professor, Department of EEE National Institute of Technology, Tiruchirappalli -620015, Tamilnadu, India Ph: + 91-431-250 3262 Email : selvanmp@nitt.edu

INDUSTRY EXPERTS

Dr. M. Sathish
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Dr.S.Kudiyarasan.,M.E.,Ph.D.,
Scientific Officer / E,Electrical Group,
Bharatiya Nabhikiya Vidyut Nigam Limited (Bhavini),
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INTERNAL AND CO-OPTED MEMBERS

S.No	Name of the Members	S.No	Name of the Members
1	Dr.V.Manikandan	14	Mr.S.Nanda Kumar
2	Dr.E.Chandira Sekaran	15	Dr.R.Rajalakshmi
3	Dr.S.Suja	16	Ms.M.Mynavathi
4	Dr.J.Devi Shree	17	Dr. M. Packia Sudha
5	Dr.S.Elango	18	Ms. M. Radha
6	Dr.S.Geetha	19	Ms.S.Rathna Priya
7	Dr. G. Manavaalan	20	Dr. K. Suresh
8	Ms.D.Prema	21	Ms.M.L.Merlin sajini
9	Ms.K.Vanithamani	22	Mr.P.Vinodkumar
10	Ms.P.Devaki	23	Mr.B.Vasanthan
11	Dr.A.Kavithamani	24	Ms. K. Arthi
12	Ms. A. Priyadharshini	25	Ms.E.Suganya
13	Dr.S.Gunasekaran		
CO-OPTED MEMBERS			
26	Ms.C.Christina (on Maternity Leave)	27	Mr.R.Chandrasekar

- The Chairperson Dr. S. Vasantharathna welcomed the members of the Board of Studies for finalizing the following agendas:
 - UG (Electrical and Electronics Engineering) syllabi contents for proposed electives.
 - Ratification of One Credit Courses - 19EEOC12-AWS Cloud Practitioner Essentials, 19EEOC13-Introduction to IoT and 19EEOC14-TCS ION Career Edge – Young Professional.

- Curriculum structure and syllabi contents of 5th, 6th and 7th semesters of B.E. Part Time Course.
 - Review of R2019 PO's and PEO's
 - NPTEL courses as Ph.D Course Work
 - Approval of R2015 Assessment Methods for PO's and PEO's attainment in NBA SAR assessment.
- The Chairperson, Dr. S. Vasantharathna introduced the faculty who proposed the syllabi contents for new elective courses as follows:

Wearable Sensors	Ms.A.Priyadharshini, Ms.K.Arthi
Switched Mode Power Conversion	Dr.M.Radha
Utilization of Solar and Wind Energy	Dr.R.Rajalakshmi, Dr.M.Mynavathi

- Ms.K.Arthi first introduced the contents of the new elective on title Wearable Sensors for R 2019 regulation. Dr.A. Arunya Revathi addressed the repetition of content in previous semester courses and instructed to retain 5 CO's and adhere to all Bloom's taxonomy levels. Dr.M.P.Selvan and Dr.M. Sathish acknowledged the syllabus contents, and Dr.S.Kudiyarasan suggested that a radiation sensor be included in this course.
- Dr. M. Radha presented the syllabi content of the new elective Switched Mode Power Conversion for R 2019 regulation.
- Dr.M.P.Selvan suggested that the fifth unit's contents be reduced in new elective course Switched Mode Power Conversion and the EMI content be offered as a separate elective course. Dr.A. Arunya Revathi insisted on offering this course to students after they had completed the power electronics course. Internal Members agreed to offer the course during the seventh and eighth semesters. Dr. M. Sathish recommended EMC-related topics inclusion in the new EMI elective course.
- Dr.R.Rajalakshmi presented the syllabi content of the new elective Utilization of Solar and Wind Energy for R 2019 regulation. Dr. S. Vasantharathna discussed the importance of the course inclusion, stating that it has been requested by industry experts from L&T and TCS to include the e-waste management, which is one of the most demanded topics in industries and is being seen as an important factor for student's placement.
- Dr.A. Arunya Revathi acknowledged the syllabus contents, Dr.M.P.Selvan, Dr.M. Sathish, and Dr.S.Kudiyarasan suggested to remove the wind generation contents from this course and to offer this course exclusively for solar generations by including solar for space applications, e waste management only for solar related components in fifth unit. Dr.Rajalakshmi accepted the expert members' suggestions and decided to modify the course title to Utilization of Solar Energy and to focus solely on solar generation.

- Dr. S. Vasantharathna briefed on the curriculum structure for B.E. Part Time Course from 5th Semester to 7th semester subjects of study. And also discussed about the offering of Data structures and Systems as core course instead of C++ and Oops and Digital signal processing courses.
 - All board members approved the curriculum structure and syllabus contents for the B.E. Part Time Course, as well as the inclusion of Data structures and Systems as a core course and C++ and Oops and Digital signal Processing are to be offered as elective courses. Dr. Arunya Revathi suggested that another lab be added to the B.E. Part Time course. Internal members acknowledged and informed that it will be taken to the notice of Standing committee and Academic council members.
 - Ms.A.Priyadhashini described the R2015 Assessment Methods for PO and PEO attainment of NBA SAR. She started by introducing the methods for determining the CO's target matrix for PO attainment. She then explained the direct and indirect assessment methodologies for calculating PO attainment.
 - Dr.Arunya Revathi requested that the flow diagram for the R2015 Assessment Methods for PO and PEO Attainment in the NBA SAR Assessment Process be shared. All the clarifications of external members were justified by the internal members.
 - All the board members agreed to offer NPTEL courses identified by the DC member panel with approval from research board and may be considered as course work subject for Ph.D scholars.
 - All the board members approved the PO's, PEO's, PSO's and CO's as per Bloom's Taxonomy metrics.
- At last, Chairperson concluded the meeting with the main points discussed in the forum which is used to enhance the knowledge and skill of the students as per the current industry scenario. Finally she thanked all the members and welcomed further suggestions from all the members through email. All the corrections are incorporated and revised syllabus copy has been submitted.

Dr. S. Vasantharathna
Chairperson - BoS

Copy to:
Controller of Examinations External members
Internal members (By circulation)
Department file

Snapshots of Hybrid BoS Meeting held on 15.03.2022:



