



## Management Review System Formats

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### MINUTES OF THE MEETING

Date of the meeting: Saturday, 03<sup>rd</sup> December 2022

Name of the meeting: BOS (UG)

The following members were present.

Dr. R. Latha, Associate Professor, Dept. of EEE, PSG College of Technology, Coimbatore  
Dr.S.Baskar, Dr.M.Saravanan, Dr.P.Venkatesh, Dr.K.Selvi, Prof.S.Sivakumar, Dr.V.Sureshkumar, Dr.V.Saravanan, Dr.S.Latha, Dr.C.K.Babulal, Dr.M.Geethanjali, Dr.N.Shanmugavadivoo, Dr.L.JessiSahayaShanthi, Dr.R.Rajan Prakash, Dr.S.A.E.Xavier, Dr.P.S.Manoharan, Dr.R.Helen, Dr.D.Kavitha, Dr.S.Charles Raja, Dr.D.Nelson Jayakumar, Dr.B.Ashok Kumar Dr.G.Sivasankar, Mr.G.R.Hemanth, Dr.M.Meenakshidevi, Mr.C.Balasundar, Dr. A L Subramanian (Physics), Dr.R Sivasankaran (Mechanical), Dr. M. Sarpparaje(English), Dr. L. Muthusubramanian(Mathematics), Mr. S.Santhana Hari(CSE)

The following members have expressed their inability to attend the meeting due to their pre-occupation.

Dr.S.Arul Daniel, Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Trichy - 15  
Dr. K. Elan Seralathan, Professor, Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Puducherry  
Dr.P.Premkumar, Research Engineer, GE Global Research, Plot No.122 Export Promotion Industrial Park, Bangalore  
Er.S.Abhisekh Jain, Technical Lead, Honeywell Technology Solutions, Madurai

S.No.	Points discussed	Action Plan	Responsibility	Target date
1.	HOD welcomed the External & Internal BOS Members  HOD informed the Vision, Mission of the department, PEOs and POs/ PSOs of UG (B.E EEE) programme to the members	<ul style="list-style-type: none"><li>To scrutinize and pass all the core and elective courses of R 2022</li><li>To scrutinize and approve the assessment pattern of UG/PG courses for the students admitted in 2021.</li></ul>	BOS members	Next AC Meeting

	HOD shared about the initiatives done in interacting with Industry experts, Alumni, faculty, and students towards receiving inputs for framing the contents of R-2022	<ul style="list-style-type: none"> <li>• Programme Performance Assessment Committee Feedback (PPAC)</li> <li>• Discussion for the inclusion of content given by Dr. P.S.Kannan</li> </ul>		
2.	<p>BOS faculty coordinator (Dr.BAK) briefed the BOS members about the meetings and activities done at the department level in framing the syllabus contents of the R 2022 curriculum</p> <p>The BOS faculty coordinator (Dr.BAK) briefed the BOS members about the list of theory and practical courses in all categories of R 2022</p>	<ul style="list-style-type: none"> <li>• To scrutinize and pass all the core and elective courses of R 2022 from II semester to VII semester BE EEE including elective courses</li> </ul>	Course Designers	Next AC Meeting
<b>The discussion has been carried out in the following courses in the BOS Meeting</b>				
3.	Microcontrollers- The expert suggested including ARM	Dr.MS briefed that the topic has been covered in the elective course Embedded System Design	Course Designers	Immediate
4.	Design Thinking- Expert requested for course nature	Dr.BAK briefed about the possible contents of the course	Course Designers	Immediate
5.	Mathematics Courses : Expert informed to have tutorial hours for all the mathematics courses	Dr.BAK informed that all the courses are having separate tutorial hours	Course Designers	Immediate
6.	Problem Solving using computers- Experts want to review the course contents	Dr.DK presented the course contents and followed that Expert suggested having course title Introduction to Python Programming finally, HOD clarified the course title	Course Designers	Immediate
7.	Electrical Problem Solving using computers- Experts want to	Dr.DK presented the course contents and clarified the queries	Course Designers	Immediate

	review the course contents			
8.	Data Structures- The expert requested to present the contents	Dr.BAK presented the contents and the expert suggested having a laboratory for the course or the course may be conducted as TCP	Course Designers	Immediate
9.	Measurements and Instrumentation laboratory- The expert wants to review the contents and suggested having the course title Instrumentation and Control	Dr.MG presented the course contents and clarified that Part 1 of the course is on Measurements and Instrumentation and Part 2 of the course is on Control and Instrumentation and justified the existing course title	Course Designers	Immediate
10.	Computer Organization: Experts want to review the course content and suggested reviewing the course title as computer architecture	Dr.MS presented the course contents and the expert suggested revisiting books and course title	Course Designers	Immediate
11.	Smart Grid: The expert suggested having an introduction to the Smart grid	Dr.SCR presented the course contents and the expert suggested V2G and G2V concepts in the Smart grid and course designers justified that the contents are available in the course Electric vehicle  Electric Vehicle course contents are presented for review and justification for the above query	Course Designers	Immediate
12.	Electric Vehicle: The expert suggested including the contents of EV charging	It has been suggested to have EV charging as a separate industry support course	Course Designers	Immediate
13.	Machine Learning: The expert wants to review the course contents	Dr.DK presented the course content and the expert suggested including case studies in the course	Course Designers	Immediate
14.	The expert suggested having a course on Deep Learning and	The course has to be designed in support with CSE/IT department to offer as an elective course.	Course Designers	Immediate

	suggested using the tools MATLAB, Python			
15.	Lead Acid Battery Technology: The expert proposed changing the course title	Dr.BAK presented the course contents and it has been decided to change the course title to Battery Technology	Course Designers	Immediate
16.	Expert Dr.R.Latha suggested having a course on digital system design	Dr.DK presented the course contents of FPGA and justified the query raised by the expert	Course Designers	Immediate
17.	Expert Dr.R.Latha suggested including topics related to Communication protocols	The contents have to be included in the possible course including Smart grid, IOT	Course Designers	Immediate
18.	Expert Dr.R.Latha suggested having a course on Electronic Product Design	The possibility of the suggested course content has to be included in Design thinking & System Thinking	Course Designers	Next BOS
19.	DC Machines and Transformers: Expert Dr.S.Elanseralathan suggested removing parallel operation in DC generator	Dr.VS clarified the same and decided the remove the same in the DC generator and also to include the application in transformers in the Course contents	Course Designers	Immediate
20.	Electric Problem solving using computers: Expert Dr.S.Elanseralathan suggested Specific problems	Dr.DK has been informed to consider the same and to include specific problems in Circuit theory, electromagnetic, and machines	Course Designers	Immediate
21.	Expert Dr.S.Elanseralathan suggested including stepper motor in AC Machines	Dr.VS has been informed to consider the same and to include the content	Course Designers	Immediate
22.	22EE210 -Matrices and Transforms	Members agreed with the contents	Course Designers	Immediate
23.	22EE220 -Materials Science for Electrical Engineering	Members agreed with the contents	Course Designers	Immediate
24.	22EE230-Electric Circuit Analysis	Members agreed with the contents	Course Designers	Immediate
25.	22EE240 -Electromagnetic Fields	Members agreed with the contents	Course Designers	Immediate
26.	22EE250 -Digital Systems	Members agreed with the contents	Course Designers	Immediate

	22EE260-Electronic devices and circuits	Members agreed with the contents	Course Designers	Immediate
28.	22EE270-Electrical Workshop	Members agreed with the contents	Course Designers	Immediate
29.	22EE280 -Electronic Devices and Circuits Lab	Members agreed with the contents		
30.	Expert and internal members need to have suitable titles to the project courses	It has been considered and the title need to be reviewed	Course Designers	Immediate
31.	Dr.BAK presented the assessment pattern of UG/PG courses for the students admitted in 2021.	BOS members agreed and approved the same	Course Designers	Immediate
32.	Dr.BAK briefed the Minutes of PPAC	External and Internal BOS members approved the PPAC minutes	Course Designers	Immediate
33.	Discussion for the inclusion of content given by Dr.P.S.Kannan	Dr.BAK presented the opinion received from the internal faculty members. As per the majority decision, it is decided not to include both contents in the syllabus.	BOS Members	Immediate
34.	HOD shared the new proposal of starting a new BE programme on Electrical and Computer Engineering	New BE programme on Electrical and Computer Engineering in the next academic year	BOS Members	Next BOS
35.	HOD & BOS coordinator thanked all the members for their active participation and constructive suggestions.			

Prepared by: Dr.B.Ashok Kumar

Date: 05.12.2022

Approved by HDEE

Date: 07.12.2022

### **VISION**

Transforming the individuals into globally competent electrical engineers to fulfill the technological needs of the society.

### **MISSION**

Establishing world class infrastructure in Electrical Engineering.

Enhancing the knowledge of the faculty in cutting edge technologies through continuous improvement programmes.

Providing well balanced curriculum in graduate, postgraduate and doctoral programmes.

Adopting innovative content delivery, assessment and continuous improvement methods to achieve desired outcomes.

Facilitating industry institution interaction in teaching & learning, consultancy and research activities to accomplish the technological needs of the society.

Encouraging the faculty and students to carry out innovative research work.

Practicing ethical standards by the faculty and students.

Motivating the students for active participation in co-curricular and extracurricular activities.

## Department of Electrical & Electronics

BOS - meeting 03.12.2022, EEE Department  
Seminar Hall.

### Agenda -

1. To scrutinize and pass all the core and elective courses of R2022
2. To scrutinize and approve the assessment pattern of UG/PG courses for the students admitted in 2021
3. Discussion for the inclusion of content given by Dr P.S. Kannan.

### Bos members:

- |     |                         |  |
|-----|-------------------------|--|
| 1.  | Dr. R. Latha            |  |
| 2.  | Dr. S. Arul Daniel      |  |
| 3.  | Dr. K. Elan Seralathan  |  |
| 4.  | Dr. P. Premkumar        |  |
| 5.  | Dr. S. Abhishek Jain.   |  |
| 6.  | Dr. C.K. BARDUJAL       |  |
| 7.  | Dr. M. GEETHANJALI.     |  |
| 8.  | Dr. D. BASKAR           |  |
| 9.  | Dr. L. Muthusubramanian |  |
| 10. | EDr. S. LATHA           |  |

*Latha*  
31/12/22

C/c B. Balaji

M. Geethanjali

D. Baskar

L. Muthu

S. Latha

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|-----|------------------------------|-------------------|
| 11  | Dr. R. KAVITHA               | R. K. K.          |
| 12. | Dr. M. MEENAKSHI DEVI        | M. Meenakshi Devi |
| 13. | S. SIVAKUMAR                 | Sivakumar. S      |
| 14. | Dr. V. SARAVANAN             | V. Saran          |
| 15. | Dr. P. VENKATESH             | P. V. S.          |
| 16. | V. Suresh Kumar              | V. S. K.          |
| 17. | Dr. M. SARPPARAJE            | M. Sarpparaje     |
| 18  | P. S. MANOHARAN              | P. S. Manoh       |
| 19. | Dr. S. Arockia Edwin Xavier. | S. A. E. X.       |
| 20  | Dr A. L. SUBRAMANIYAN        | A. L. Sub         |
| 21. | Dr. K. Selvi                 | K. Selvi          |
| 22. | M. Saravanan                 | M. Saran          |
| 23  | Dr. R. Rajan Poalath         | R. Rajan          |
| 24  | Dr. G. SIVASANKAR            | G. S.             |
| 25  | Dr. S. Charles Raja          | S. C. R.          |
| 26  | Dr. D. Nelson Jayakumar      | D. N. J.          |
| 27  | Dr. R. HELEN                 | R. Helen          |



