



Estd. 2002

LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

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Date: 28-03-2024

MINUTES OF THE MEETING OF THE FOURTH BOARD OF STUDIES

The 4th Board of Studies Meeting of the Department of Electrical and Electronics Engineering was held on 28-03-2024 at 11:00 AM in TBI Room, Lords Institute of Engineering and Technology, Hyderabad.

Members:

Sl No.	Name of the BoS Member	External/ Internal	Signature
1	Dr Ch. Santhan Kumar Professor & Head, EEE, LIET	Chairperson	
2	Dr P. Sathish Kumar Professor, Dept. of EE, College of Engineering, OU, Hyderabad	External Member (OU Nominee)	 28/03/2024
3	Dr J. Sridevi Professor & Head, Dept. of EEE, GRIET, Hyderabad	External Member (Academic Expert)	 28/3/24
4	Dr Md. Asif Professor & Head, Dept. of EEE, VCE, Hyderabad	External Member (Academic Expert)	 28/3/24
5	Mr N. Sivagangadhar Deputy General Manager- Schneider Electric, Hyderabad	External Member (Industry Expert)	
6	Mr K. Dasharad Technical Lead, Value Labs, Hyderabad	External Member (Alumnus)	
8	Mr R. Venkata Krishna Assistant Professor, EEE, LIET	Internal Member	 28/3/24
9	Mr P. Yellaiah Assistant Professor, EEE, LIET	Internal Member	
10	Ms Mahammad Nagma Arshin Assistant Professor, EEE, LIET	Internal Member	 28/03/24
11	Mr J P Balaji Assistant Professor, EEE, LIET	Internal Member	 28/3/24
12	Mr. Md. Aleemoddin Assistant Professor, EEE, LIET	Internal Member	
13	Dr R. K. Singh, Professor, ECE, Principal, LIET	Permanent Invitee	

AGENDA:

1. Confirmation of last BoS Minutes held on 10-04-2023
2. Action taken report on last BoS meeting
3. Progress of the Department since the last BoS Meeting
4. Finalization of LR21 B.E VII and VIII Semester Syllabi
5. Approval of LR21 and LR23 Open Electives
6. Approval of LR23 FEE Theory and Lab syllabus for Mechanical and Civil
7. Approval of LR24 BEE theory and lab Syllabi
8. Ratification and approval of Question Papers Setters, Examiners and Evaluators.
9. Suggestion on Innovative Teaching Methodologies, R&D, Academic & Extension Activities

Dr. Ch. Santhan Kumar, BoS Chairperson and HOD (EEE) welcomed all the members of the Board of Studies, Principal and other faculty members to the meeting. This was followed by the discussion on the agenda points mentioned above:

The following deliberations were made as per the agenda and resolutions were listed below:

Item No.1: Confirmation of minutes of Last BoS held on 10-04-2023**Deliberation:**

- BoS Chairperson presented the minutes of the previous BoS meeting, all the members approved the minutes.

Resolution:

- The BoS Chairperson obliged the suggestions given by members and the course structure is modified accordingly.

Item No.2: Action Taken Report on Last BoS meeting**Deliberation:**

- BOS Chairperson presented the Action Taken Report on the last BOS meeting held on 10-04-2023

Resolution:

- After elaborated discussion the action taken report on the last BoS meeting is approved and attached as an Annexure I.

Item No.3: Progress of the Department since the last BoS Meeting**Deliberation:**

- BoS Chairperson has presented the department's progress in terms of Research, Student Projects, Departmental Activities, and Faculty & Student Development Activities since the last BoS meeting.

Resolution:

- Noted and appreciated.

Item No.4: Review of B.E VII and VIII semester courses syllabi

Deliberation:

Semester-VII:

BoS Chairperson presented the B.E VII Semester Course Syllabi and after subject-wise elaborated discussion, BoS Members suggested the following points:

Electrical and Hybrid Vehicles:

- All the members approved the syllabus and suggested one textbook that covers 60% of the syllabus and informed to check availability of the text books in the library.

Advanced Electrical Drives:

- Members suggested modifications in UNIT-V to include the topics exclusively controlling of special machines.

Computer Architecture:

- Members suggested to remove this subject from course structure or may add this course in open electives.

Power Quality and FACTS:

- Members suggested to add voltage swell characteristics in Unit-II

HVDC Transmission:

- Members suggested to check the topics in the unit-II, avoid the typo mistakes.

Smart Grid:

- Members suggested to check the text books availability in the library. Course outcomes to be changed

DSP&ES Lab:

- Members suggested to add 2 more experiments in Part-A and Part-B

Semester-VIII:

BoS Chairperson presented the B.E VIII Semester Course Syllabi and after subject-wise elaborated discussion, BoS Members suggested the following points:

AI Techniques in Electrical Engineering:

- Members suggested to add biological neural network and comparison of BNN and ANN
- Suggested to add flowchart and algorithms for applications of AI techniques.

Digital Control system:

- Members suggested to check the topic Lyapunov stability is already covered in advanced control systems or not. if covered suggested to remove the topic

Industrial Electrical Systems:

- Members suggested to check the Unit I with LR21 BEE syllabus, if it is covered, suggested remove the Unit I.

LR21 Open Electives:

- Members suggested to change the prerequisite for Industrial Electric Vehicles and design estimation and costing of electrical systems as basic electrical engineering.
- All the members approved the syllabus.

LR23 Open Electives:**Fundamentals of Energy Conservation and Management**

- All members suggested to elaborate the syllabus into subtopics in Unit-V

LR24 BEE Theory and Lab Syllabi:

- All the members suggested to add power concepts in the Unit-III.

LR23 FEE Service subject for Civil and Mechanical:

- All the members suggested to remove the topic phasor representation from Unit-II and Autotransformer from the Unit-III
- Suggested to remove the Converters topic from Unit-V

Members suggested to modify the course outcomes with higher order bloom taxonomy levels

Resolution:

- The BoS Chairperson obliged the suggestions given by members, the syllabus is modified accordingly and attached as an Annexure II.

Item No.5: Approval and Ratification of Question Paper Setters, Examiners & Evaluators**Deliberation:**

- BoS Chairperson presented the BEE Question Paper Setters, Examiners & Evaluators of B.E - I Semester.

Resolution:

- Approved and Ratified.

Item No.6: Suggestions on Innovative Teaching Methodologies, R&D, Academic & Extension Activities**Deliberation:**

- BoS members suggested to continue industrial visits and internships. Recommended to have atleast 30 intake, instead of closure due to availability of infrastructure.

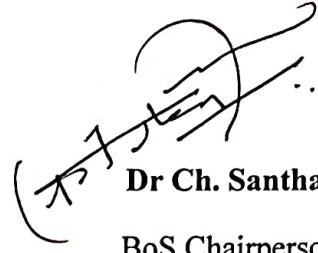
Resolution:

- The BoS Chairperson noted the suggestions given by members and ensured towards implementation.

BoS Chairperson is authorized to present the resolutions made before Academic Council for further discussions and Approval.

BoS Chairperson conveyed a vote of thanks to all the BOS members for spending their valuable time in reviewing the syllabi, department faculty members for the support in designing the syllabus for VII

and VIII Semester Courses & Service Courses, and the Principal for continuous guidance and the Management for constant encouragement and support.



Dr Ch. Santhan Kumar

**BoS Chairperson & Head
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