

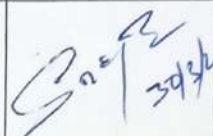
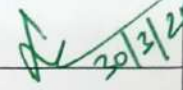

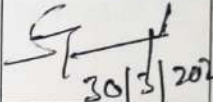

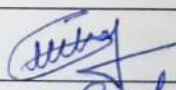
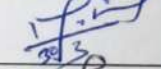
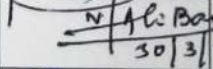
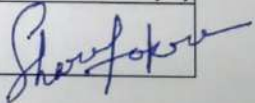
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 30-03-2024

Minutes of the Meeting of Fourth Board of Studies

The *Fourth* Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 30-03-2024 at 10:30 AM in Technology Business Incubator office, Lords Institute of Engineering and Technology, Hyderabad.

Members Present:

Sl No.	Name of the BoS Member	External/ Internal	Signature
1.	Dr. S Mohammad Rasool Associate Professor & HOD, Dept. of ECE, Lords Institute of Engineering and Technology, Hyderabad	Chairperson, BoS	 30/3/24
2.	Dr. Nirmala Devi Professor & HoD, ECE, OU, Hyderabad.	External Member (OU Nominee)	 20/3/24
3.	Dr. D. Nageswara Rao Professor & HOD, Dept. of ECE, TKR College of Engineering & Technology, Hyderabad.	External Member (Subject Expert)	 20.03.2024
4.	Dr. S. Thulasi Prasad Professor, Department of ECE VJIT, Hyderabad.	External Member (Subject Expert)	 30/3/2024
5.	Mr. Aman Kumar Senior Design Engineer, Alten Calsoft Lab, Hyderabad	External Member (Industry Expert)	online
6.	Mrs. K. Aparna System Engineering Consultant, Deloitte, Hyderabad.	External Member (Alumni)	online
7.	Dr. R.K. Singh Professor of ECE & Principal LIET, Hyderabad.	Internal Member	 30/3
8.	Dr. Altaf.C Associate Professor of ECE, LIET	Internal Member	
9.	Mr. Imaduddin Associate Professor of ECE, LIET	Internal Member	
10.	Mr. Mirza Nemath Ali Baig Assistant Professor of ECE, LIET	Internal Member	 30/3/24
11.	Mrs.Sharea takreem Assistant Professor of ECE, LIET	Internal Member	

AGENDA:

1. Confirmation of last BoS minutes held on 11-04-2023.
2. Action taken report on last BoS meeting.
3. Major Achievements of Department after BoS-3 Meeting
4. Finalization of LR21 B.E VII and VIII Semester Syllabi including Open Elective Courses
5. Approval of LR23 B.E III and IV Semester Syllabi including Service Subjects.
6. Finalization of LR24 B.E 8 semesters Course Structure.
7. Approval of Substitute/Additional Subjects for Re-Admitted Students.

Dr. Shaik Mahammad Rasool, BoS Chairperson and HoD (ECE) 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 last BoS minutes held on 11-04-2023.

Deliberation:

- BoS Chairperson presented the minutes of the previous BoS meeting, which were subsequently approved by all members in attendance.

Resolution:

- The BoS Chairperson graciously incorporated the suggestions provided by members, leading to modifications in the course structure accordingly.

Item No.2: Action taken report on last BoS meeting.

Deliberation:

- BoS Chairperson presented the Action taken report of the last BoS meeting held on 11-04-2023.

Resolution:

- After elaborated discussion the action taken report on the last BoS meeting is approved.

Item No.3: Major Achievements of Department after BoS-3 Meeting.

Deliberation:

- BoS Chairperson highlighted significant accomplishments of the department, including securing NBA accreditation for the next three years, the publication of book by Mr. Mohammed Imaduddin, journal papers authored by three faculty members, successful placement of ten students through campus recruitment drives, student participation in SHAASRA2024, and their involvement in the Internship Program'23 on IoT with Robotics, organized by IIT-Madras and IIT-Hyderabad respectively.

Resolution:

- Acknowledged and commended for the achievements.
- Members proposed that a faculty member from the department should be designated to regularly monitor upcoming internship opportunities at IIT-Hyderabad and motivate students to participate in them.

Item No.4: Review of LR21 B.E VII and VIII Semester Syllabi.**Deliberation:****Semester-VII:**

BoS Chairperson presented the syllabi for the B.E VII semester courses. Following a detailed discussion on each subject, BoS members proposed the following points for consideration.

Microwave engineering:

- The syllabus received unanimous approval from all members, who recommended that the course objectives and course outcomes should be made equal in count.

Cellular and Mobile Communications:

- All members agreed on the syllabus and suggested avoiding typos, while also asking for consistency in listing recommended textbooks.

Satellite Communications:

- All members approved the syllabus and proposed adding two additional textbooks to the recommended textbook reading list.

Digital Signal Processor Architectures:

- All members recommended renaming Unit III to TMS Processors and Unit IV to ADSP Processors.
- Members suggested adding one more text book in recommended textbooks section.

Multirate Signal Processing:

- Members proposed removing this subject from the course structure and replacing it with 5G Communication.

IoT & its Applications:

- Members suggested renaming the subject to "IoT " and restructuring the entire syllabus accordingly.

Field Programmable Gate Arrays:

- Members recommended specifying titles for Unit II and Unit III.

IoT and its Protocol's:

- Members advised simplifying the syllabus since it is an open elective.
- Members recommended that the course objectives and course outcomes should be made equal in count.

Televisions and Video Engineering:

- Members proposed removing this subject from the course structure and replacing it with Principles of Communication.

Technical Seminar:

- Members proposed renaming the subject to "Seminar" and requested its inclusion in the timetable, along with providing guidelines to students by faculty.

Semester-VIII:

BoS Chairperson presented the syllabi for the B.E VIII semester courses. Following a detailed discussion on each subject, BoS members proposed the following points for consideration.

Spread Spectrum Communications:

- Members recommended modifying Unit I to focus on CDMA and maintaining the subsequent units to cover spread spectrum topics.

Principles and Applications of AI:

- Members proposed renaming the subject to "AI".

Members proposed incorporating subjects such as Intellectual Property Rights (IPR), Research Management, Gender Sensitization, and HR Management into the open elective options.

The Chairperson of BOS introduced NPTEL/MOOC's 20-credit courses for integration into LR 21 courses as well.

The proposal was endorsed by the members.

Item No.5: Review of LR23 B.E III and IV Semester Syllabi.

Semester-III:

BoS Chairperson introduced the syllabi for the B.E. III semester courses. It was noted that the LR 23 syllabus mirrors the LR 21 syllabus with a few modifications. The alterations were presented to the members. Taking note of the modifications, BoS members put forth the following suggestions for deliberation are as follows:

Electronic Devices Lab:

- Members suggested that experiments 11 and 12, namely "Design of HWR and FWR using simulator," should be designated as add-on experiments.

Semester-IV:

The BoS Chairperson introduced B.E. IV semester course syllabi, highlighting similarities with LR 21 but with modifications. Suggestions from members were then discussed.

Microprocessors & Microcontrollers Lab:

- Members recommended condensing the laboratory sessions to only two cycles, each consisting of five experiments.

The Chairperson of the Board of Studies (BoS) introduced the syllabus for Digital Electronics and Computer Organization (DECO), along with MATLAB, for the CSE Department. Additionally, for the IT Department, the Chairperson presented the syllabus for Digital Logic Design (DLD), also including MATLAB as part of the curriculum.

The syllabus presented by the Chairperson was unanimously approved by all members.

Item No.6: Confirmation of LR24 B.E. 8th Semester Course Structure.

The BoS Chairperson introduced LR24 B.E. 8th Semester Course Structure, followed by a thorough discussion on each subject. Members then suggested several points for consideration:

Semester-VI:

Data Communications and Networks:

- Members recommended that Data Communications and Networks to be renamed as Data Communications and Computer Networks.

Data Communications and Networks Lab:

- Members recommended that Data Communications and Networks Lab to be renamed as Data Communications and Computer Networks Lab.

Semester-VIII:

Professional Elective – IV: Principles and Applications of AI

- Members proposed that “Principles and Applications of AI” to be replaced with “AI/ML” subject.

Open Elective – II: Principles of Data Communication and Network

- Members proposed that “Principles of Data Communication and Network” to be replaced with “Introduction to Microprocessors & Microcontrollers” subject.

Open Elective – III: Sensors for Engineering Applications

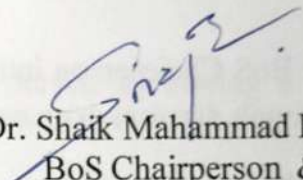
- Members proposed that “Sensors for Engineering Applications” to be renamed as “Green Communication” subject.

Item No.7: Approval of Substitute/Additional Subjects for Re-Admitted Students.

Members suggested that 80% of the syllabus from previous to current academic of re-admitted student to be matched.

BoS Chairperson is empowered to present the resolutions formulated during the meeting to the Academic Council for further deliberation and approval.

BoS Chairperson extended heartfelt gratitude to all BoS members for their valuable time dedicated to reviewing the syllabi, to the department faculty members for their support in designing the syllabi for VII and VIII semester courses as well as service courses, to the Principal for their continuous guidance, and to the management for their constant encouragement and support.


Dr. Shaik Mahammad Rasool,
BoS Chairperson & Head

Department of Electronics and Communication Engineering
Lords Institute of Engineering and Technology (Autonomous)
Hyderabad

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