

# LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 08-07-2022

### Minutes of the Meeting of Second Board of Studies

The Second Board of Studies Meeting of the Department of Electronics and Communication Engineering was held on 08-07-2022 at 10:30 AM in Technology Business Incubator office, Lords Institute of Engineering and Technology, Hyderabad.

#### Members Present:

S. 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	
2.	Dr. Nirmala Devi Professor & HoD, ECE, OU, Hyderabad.	External Member (OU Nominee)	
3.	Dr. D. Nageswara Rao Professor & HOD, Dept. of ECE, TKR College of Engineering & Technology, Hyderabad.	External Member (Subject Expert)	
4.	Dr. S. Thulasi Prasad Professor, Department of ECE VJIT, Hyderabad.	External Member (Subject Expert)	
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. C. Venkata Narasimhulu Professor of ECE & Principal LIET, Hyderabad.	Internal Member	
8.	Dr. K. Shashidhar Professor of ECE, LIET	Internal Member	
9.	Dr. Altaf.C Associate Professor of ECE, LIET	Internal Member	
10.	Mr. Imaduddin Associate Professor of ECE, LIET	Internal Member	
11.	Mr. Surender Reddy Associate Professor of ECE, LIET	Internal Member	

## Agenda:

1. Confirmation of Minutes of last BoS Meeting held on 09-08-2021
2. Action taken report on last BoS Meeting
3. Finalization of 3rd & 4<sup>th</sup> Semester Syllabi.
4. Finalization of service courses syllabi of UG and PG
5. Suggestions on Innovative teaching learning Methods.
6. Suggestions on research & Development, Consultancy in the field of ECE.

Dr. Shaik Mohammad Rasool, HOD – ECE & Chairperson, Board of Studies, ECE welcomed all the External & Internal and new BoS Members namely Dr. K. Shashidhar, Dr. Altaf.C, Mr. Imaduddin, Mr. Surender Reddy.

### Item No. 1: Confirmation of Minutes of last BoS Meeting held on 09-08-2021

Chairperson BoS has presented Minutes of Last BoS meeting held on 09-08-2021 and it has been approved with minor modifications in subject names as given below.

- ❖ Electronic Device Circuits replaced with Electronic Devices – U21EC301
- ❖ M-III changed to Probability and Statistics - U21MA301
- ❖ Signal & System Lab replaced with Basic Simulation Lab - U21EC302

**Resolution:** It has been resolved and modifications will be implemented according.

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

The chairman BoS presented Action taken report of last BoS meeting .The action taken report on the last BoS meeting is attached as an annexure –I

**Resolution:** After elaborate discussion, it has been approved as same is attached as annexure - I

### Item No. 3: Finalization of 3<sup>rd</sup> & 4<sup>th</sup> Sem Syllabi

The B.E. – ECE Syllabus of 3<sup>rd</sup> & 4<sup>th</sup> Sem under the LR 2021-22 was presented by the chairperson, BoS. The BoS members have noted, discussed and approved the course structure with minor suggestions as mentioned below:

#### Semester-III:

- ❖ It is suggested to include Biasing & Stabilization circuits and Photo Transistor and to remove IC Fabrication Process in Electronic Devices course syllabus.
- ❖ The committee suggested changing the no of Experiments to 10 rather than 12 in all Labs.
- ❖ The committee opined that it is sufficient to have 3 course Objectives and 5 Course outcomes for all subjects.
- ❖ Suggested to change Signal & Systems subject titles of units.
- ❖ It is Suggested to change the Business English Title, as it appears as MBA subject and
- ❖ Suggested to change Advanced Communication Skills for professional lab with Advanced Communication Skills Lab and it is to be informed to English Department for their BoS.

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*[Handwritten signatures and initials]*





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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (ANNEXURE -I)

S. No	Points Discussed	Action Plan Taken
1.	<p><b>Semester-I:</b></p> <ul style="list-style-type: none"> <li>❖ Suggested to identify Specific evaluation pattern for 40% Marks in CIE.</li> <li>❖ Suggested to reduce some experiments in Engineering &amp; IT Workshop, include PCB design instead of Welding, Carpentry etc.</li> <li>❖ Suggested to rethink about including Engineering Chemistry for ECE Students.</li> </ul> <p><b>Semester-II:</b></p> <ul style="list-style-type: none"> <li>❖ Suggested to include Electrical Machines, Electrical Vehicle related topics in BEE Syllabus</li> <li>❖ Suggested to reduce some of the experiments in Engineering Graphics and Design Practice.</li> </ul> <p><b>Semester-III:</b></p> <ul style="list-style-type: none"> <li>❖ Recommended to shift Signals &amp; System Theory and Lab course from IV sem to III sem.</li> </ul> <p><b>Semester-IV:</b></p> <ul style="list-style-type: none"> <li>❖ Recommended Analog and Digital Communication Subject need to be separated into two subjects as Analog Communication and Digital Communication, by including Analog Communication in IV sem.</li> </ul> <p><b>Semester-V:</b></p> <ul style="list-style-type: none"> <li>❖ Recommended to include Digital Communication Theory and Lab course in this sem.</li> <li>❖ Suggested to separate Control System &amp; Instrumentation, as Control System one theory and Instrumentation in Open Elective. But as per the need of competitive exams, few members had recommended to keep the theory subject name as it is.</li> </ul>	<p>All the Suggestions given by the university Nominee have been taken up to be included in the syllabus and bounded.</p>
2.	<p><b>Suggestions on First year Syllabus designed by other Departments</b></p> <ul style="list-style-type: none"> <li>❖ Members suggested customizing the first year syllabus especially in physics, chemistry and Mathematics as pre requisites to ECE related subjects which is informed to the respective departments for possible corrections / modifications.</li> </ul>	<p>All the Suggestions given by the university Nominee have been taken up to be included in the syllabus and bounded.</p>
3.	<p><b>Suggestions on First year Syllabus designed by other Departments</b></p> <ul style="list-style-type: none"> <li>❖ Members suggested customizing the first year syllabus especially in physics, chemistry and Mathematics as pre requisites to ECE related subjects which is informed to the respective departments for possible corrections / modifications.</li> </ul>	<p>All the Suggestions given by the university Nominee have been taken up to be included in the syllabus and bounded.</p>

Semester-IV:

- ❖ The committee recommended to remove 555 Timer and Voltage Regulator from Pulse and Linear Integrated Circuits subject and to modify the titles of the units.

**Resolution:** After elaborate discussion, it has resolved that all the modifications will be incorporated as suggested.

**Item No. 4: Finalization of service courses syllabi of UG and PG**

- ❖ BoS Chairperson presented 3<sup>rd</sup> Semester Service Course namely ADE ( Analog and Digital Electronics) subjects of CSE , CSE( AIML) , CSE (DS) , AIML and IT Departments and the committee Members noted.
- ❖ BoS Chairperson presented 3<sup>rd</sup> Semester CSE M.E subject titled Embedded System which is elective for them and the committee Members noted.

**Resolution:** It has been discussed in detail and the committee approved as it is.

**Item No. 5: Suggestions on Innovative teaching, learning and evaluation Methods.**

- ❖ Members suggested to introduce problem based learning and project based learning for the courses of analytical and application oriented
- ❖ To conduct at least one Industrial visit related to real time application of the subject for better understanding.
- ❖ To get ready students for GATE examination and other competitive exams (IES, UPSC, etc.)
- ❖ To identify slow learners and conduct remedial classes and additional tests.

**Resolution:** The suggestion by the BoS members are noted and will be implemented from upcoming semester

**Item No. 6: Suggestions on research & Development, Consultancy in the field of ECE.**

- BoS members suggested making one industrial visit and one internship mandatory with/without credits.
- R&D Proposal notifications from different funding bodies like AICTE, DST, SERB, and CSIR are to be circulated among faculty. Faculty should work and write funding proposals.
- Awareness programs to publish research articles in Web of Science and Scopus Indexed Journals to be conducted.
- The faculty members are encourage to do consultancy work from various renewed industries.

**Resolution:** After elaborate discussion, It has been redirected to do research work and consultancy work with strengthened, Suggestions made by BoS.

Members of Board of Studies recommended the above resolutions to be presented in the Academic Council for further discussions and approval.

BoS Chairperson thanked all the BOS members for spending quality time in reviewing the all agenda points and for providing valuable inputs.

  
**Dr. Shaik Mahammad Rasool**

**BoS Chairperson & Head,**

Department of Electronics and Communication Engineering,  
Lords Institute of Engineering and Technology, Hyderabad.

  
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