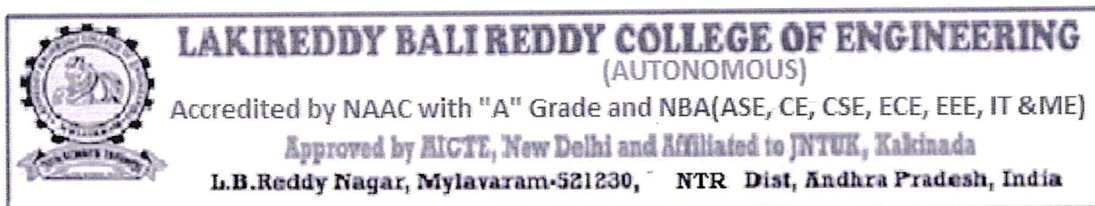


## BOARD OF STUDIES(BOS)

11.02.2025

S.No	Name & Designation	Position in BOS	Signature with Date
1.	Dr.G.Srinivasulu, Professor & HOD	Chairman	<i>G. Srinivasulu</i> 11/2/25
2.	Dr.A.M.Prasad, Director, Admissions Professor of ECE, University College of Engineering, JNTUK, Kakinada	University Nominee	Attended online
3.	Dr. N.V.S.N.Sarma, Director, Indian Institute of Information Technology, Trichy	External Member, Subject Expert	Attended online
4.	Dr.P.Srihari Rao, Professor, Department of ECE, NIT, Warangal	External Member, Subject Expert	Attended online
5.	Dr.John Bedford Solomon, Principal Engineer, DFT, NXP Semiconductors, Bengaluru	External Member, Industry	Attended online
6.	Dr.B.Anil Kumar, Associate Professor, Department of ECE, KL University, Hyderabad	Alumni	Attended online
7.	Dr.B.Ramesh Reddy, Professor & Vice Principal	Internal Member	<i>B. Ramesh Reddy</i> 11/2/25
8.	Dr.E.V.Krishna Rao, Professor	Internal Member	<i>E.V. Krishna Rao</i> 11/2/2025
9.	Dr.M.Venkata Sudhakar, Professor	Internal Member	<i>M. Venkata Sudhakar</i>
10.	Dr.P.Lachi Reddy, Professor	Internal Member	<i>P. Lachi Reddy</i> 11/2/25
11.	Dr.Y.Amar Babu, Professor	Internal Member	<i>Y. Amar Babu</i> 11/2/25
12.	Dr.G.L.N.Murthy, Professor	Internal Member	<i>G.L.N. Murthy</i> 11/2/25
13.	Dr.B.Poornaiah, Professor	Internal Member	<i>B. Poornaiah</i>
14.	Dr.T.Satyanarayana, Professor	Internal Member	<i>T. Satyanarayana</i>



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date:11-02-2025

### Minutes of 19<sup>th</sup> Meeting of Board of Studies (BOS)

#### ➤ Discussion and Approval of Syllabi and Course Structure of B.Tech V&VI semesters

- The meeting began by informing the Members about the agenda points considering the proposed Syllabi and Course Structure of B.Tech V&VI semester as the initial agenda point based on the priority.
- The members were deliberated about the course structure for V and VI semesters. Courses distributed under different groups were informed to the members present. The members were informed that ARM programming architectures and programming models were included as per the industry inputs. It was told a course, Communication technologies was included in the curriculum as per the recommendations of the industrial expert Efftronics systems Pvt Ltd.
- Digital signal and image processing lab has been considered as skill enhancement course to so that the student can get practical exposure to Digital signal processing. Further the student will learn the basics of image processing also with relevant hands on experience. This will enable addition of advanced topics in subsequent Digital image processing course.
- Later the members were informed about the list of courses offered under honor programme. These course are offered based on the M.Tech programme being offered. The detailed syllabi of the courses in V and VI semesters were also put before the members.
- Dr.N.V.S.N.Sarma has told that it is not required to continue Cathode ray Tubes in Electronic Measurements and Instrumentation course. Digital Storage oscilloscope fundamentals can be incorporated as an alternative, as advised.

- Dr.P.Sri Hari Rao has suggested to Data networks by Dimitrit P Bertsekas can be included as text book than Tannenbaum in Data communications and Computer Networks course.
- Dr.P.Sri Hari Rao told that it is better to include operations on signals also in Signals and Systems.It was also pointed out by him that without TMS processor basics it is not opt to include experiments on code composer studio.
- For Satellite communications, it better to consider Digital Satellite communications by Tri T. Ha as the text book in place of Dennis Roddy as the book beautifully presented azimuth elevation calculations.
- Dr.P.Sri Hari Rao has suggested for including all IC design basics in VLSI Design course to the possible extent and in this process, topics are which are redundant can be removed. Further it better to consider implantation of logic design using CMOS at circuit level, as suggested. This enable of choosing a proper elective at later stages, as mentioned.
- Dr.N.V.S.N.Sarma has suggested choosing an alternative text book for Computer Architecture and Organization in place of Carl Hamacher.
- The members also gone through the Course outcomes of relevant courses.
- **Discussion and Approval of Syllabi and Course Structure of Minor/Honor program (R23 Regulations)**
  - The members were also informed about the courses offered under minor program to other Programmes. Dr.P.Sri Hari Rao has suggested to look into the possibility of an alternative for Advanced Communications and either IoT or Embedded system design courses can be considered as alternative courses. It is also reduced the syllabus courses under minor program
  - The list of courses to be offered under Honor program along with the detailed syllabus of System Verilog. It was told those students need to choose two courses from the list given. The remaining courses are two laboratory courses and remaining two courses are to be done in SWAYAM/NPTEL.
- **Approval of SWAYAM courses for Minor/Honor program for the A.Y 2024-25:**
  - The list of courses the students under Honor Program can complete through NPTEL/SWAYAM are also informed to the members present.

- As Embedded system Design, Computer architecture as well as wireless and Adhoc Sensor Networks are already offered as regular courses, they need to be replaced with other courses, as suggested by Dr.N.V.S.N.Sarma.
- It is also suggested to see an alternative course for cloud computing and in place of that quantum computing or quantum Communication.
- **Review of Action Taken Report (ATR)on the minutes of 18<sup>th</sup> BoS meeting held on 03-07-2024**

- All the members were told that the recommendations made in earlier BoS meeting, dated on 03-07-2024for improving the teaching and learning activity in the department were either implemented or under implementation.

➤ **Information on Teaching Learning Process:**

- It was told that senior faculty members are being deputed for handling core courses. In particular professors are allocated for I and II year courses to the possible extent.
- Various practices in teaching and learning which are in line with the OBE guidelines, were also informed. Continuous monitoring of student's learning is being carried out and necessary actions are being taken there of to strengthen the teaching and learning process as informed.
- It was also told that advanced training programs are also offered to students.

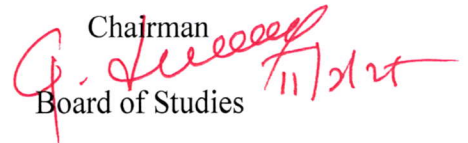
➤ **Information on Academic Performance of the students for the A.Y 2024-25(ODD sem)**

- The members have been informed about the academic performance of the students for the odd semester courses for the A.Y:2024-25.
- It was informed that the courses with poor pass percentage were identified and remedial courses have been arranged for students having backlogs.

➤ **Information & Discussion on R&D and Training & Placement Activities for the A.Y: 2024- 25:**

- The statistics of R&D activities were put before the members by the BoS chairman.

- It was told that good number of publications was done by the faculty in the department and statistics of the R&D achievements were put before the members.
- It was told that quality publications in the department are increased and the faculty members are publishing articles in Q1 journals.
- Seed money is being sanctioned by the institution to carry out fundamental research, particularly for the faculty who are pursuing their Ph.D.
- It was also told that numerous R & D initiatives are being taken place in the department.
- Consultancy work has been initiated in the department and efforts are on to have MOUs with reputed organizations for strengthening the department.
- The placement statistics of the department for the A.Y:2024-25 were put before the members.
- **Information on events organized & Attended for the A.Y 2024-25:**
  - The chairman informed the members about the various activities that have been organized in the department. To strengthen the faculty, students and non-teaching staff activities are being organized in the department. However, it was mentioned that the main agenda is syllabus framing only the other things can be carried out as per the department requirements.
- **Any other matter**
  - The members were also informed about the CO-PO-PSO attainment values for the 2020-2024 batch and mentioned the actions taken thereof. The members have satisfied with the process carried out and approved the same.

Chairman  
  
Board of Studies 11/12/24