



**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY  
(AUTONOMOUS)**

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated by JNTUH,  
Accredited by NBA & NAAC with 'A+' Grade)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**MINUTES OF BOS MEETING**

TKRCET/ECE/BOS/MM-1/2025-26

Dt: 14-08-25

The Executive members of the Board of Studies, Department of ECE have met on 14-08-25 at 10:00 A.M.

**MEMBERS OF BOS:**

S. No	MEMBER	POSITION IN THE BOS
1	Dr. M.Mahesh	HoD, ECE
2	Dr.B.swapna Rani	Chairman, BOS
3	Dr. D.Naga Sudha- Associate Professor	JNTUJ Nominee
4	Dr.C Venkata Narasimhulu, Principal & Professor, CBIT, Hyderabad	External Subject Expert-I
5	Dr. B. Rajendra Naik- Professor , O.U, Hyderabad	External Subject Expert-II
6	Ms. N.P.Supriya	Industry Expert
7	Dr. J.Sunitha kumari	Internal Subject Expert -I
8	Mrs. K. Sukanya	Internal Subject Expert -II

Dr. M.Mahesh- Professor  
HoD, ECE  
Signature:

Dr.C Venkata Narasimhulu  
External Subject Expert -I  
Signature:

Ms. N.P.Supriya  
Industry Expert  
Signature:

Dr. J.Sunitha kumari  
Internal Subject Expert  
Signature:

Dr.D. Naga Sudha  
University Nominee  
Signature:

Dr. B. Rajendra Naik- Professor  
External Subject Expert -II  
Signature:

Dr.B.Swapna Rani  
BoS Chairman  
Signature:

Mrs. K. Shalini  
Asst. Prof., BoS Member  
Signature:

## **AGENDA**

- 1) Approval of Course Structure / Reason for change in Course structure
- 2) Approval of I year R25 Syllabus.
- 3) Syllabus changes from R22 to R25.
- 4) Approval of Continuous Internal Evaluation and External Evaluation
- 5) Ratification of VISION,MISSION, PEOs, PSOs
- 6) Substituted subjects for Readmitted students
- 7) Action Taken Report and Approval of DAB and PAC Minutes
- 8) Identification of Workshops and guest lectures
- 9) Approval of teaching methods
- 10) Approval of tools used in teaching and learning process to assess course outcomes
- 11) Other points if any

### **Agenda 1: Approval of Course Structure / Reason for change in Course structure:**

#### **Resolution:**

The Board reviewed the proposed revision of the course structure from R22 to R25 regulations and discussed the rationale for the change, which included updating curriculum content, aligning with emerging industry trends, improving student Employability, and incorporating advanced technologies. After careful consideration, the Board unanimously approved the revised course structure under R25 regulations and recommended its implementation from the forthcoming academic year.

### **Agenda 2: Approval of I year R25 Syllabus.**

#### **Resolution:**

The Board examined the proposed detailed syllabus for I year courses under the R25 regulations. After a comprehensive review and discussion, the Board unanimously approved the Detailed Syllabus for all courses of I year B.Tech programs under R25 regulations, to be implemented from the academic year 2025–26

### **Agenda 3: Syllabus changes from R22 to R25:**

#### **Resolution:**

The Board reviewed the proposed syllabus changes from R22 to R25 regulations

#### **Discussion:**

- **In R25 II & III years** , introducing a **Value added Courses, Skill Development Courses with one credit each** to students that promotes civic education, legal literacy, ethical leadership, and a deeper understanding of India's democratic principles and governance framework simultaneously to make the students Industry Ready This course equips students with the knowledge and skills necessary to be responsible citizens and ethical professionals in a diverse and dynamic society.

### **Key Changes from R22 to R25 Regulations**

1. Making students for Industry Ready is given weightage.
2. Skill development courses with one credit are introduced in the curriculum which prepares the students for Employment by building essential Practical and soft skills.
3. Value Added courses are given one credit which equips students with the knowledge and skills necessary to be responsible citizens and ethical professionals in a diverse and dynamic society.
4. The fundamental core courses ensures students to receive fundamental knowledge and skill set necessary for Academic success, Future education and life

5. The Program curriculum grouping based course components for batch of 2025-2029 is done by following 8.1% for BS, 13.7% for ES, 38.1% for PC, 11.25% for PE, 3.7% for OE, 11.25% for PW, 2.5% for SDC, 1.87% for Value added courses

**Agenda A): Approval of tentative course structure for ECE – R25**

**Resolution/Approval:** The tentative R25 course structure was approved.

**Agenda B) : Approval of Curriculum Composition (Credit-wise)**

**Resolution/Approval:** The curriculum composition was finalized as follows – HS: 13, BS: 19, ES: 21, PC: 62, PE: 18, OE: 6, PW: 18, SDC: 4, and VAC: 3.

**Agenda C) : Finalization of course structure for ECE – I Year**

**Resolution/Approval:** The I Year course structure was approved

**Agenda D) : Finalization of detailed syllabus for the first two semesters of ECE – I Year**

**Resolution:** The syllabi for the first two semesters were approved with suggested changes.

**Agenda E) : Finalization of detailed syllabus for Engineering Science subjects**

(CSE, CSD, AIML, IT, - I year)

**Resolution:** The syllabi for CSE, CSD, AIML, IT, - I year were approved.

**Agenda F) : Implementation of Pulse and Digital Circuits subject and Lab**

**Discussion:** The members debated whether to implement Pulse and Digital Circuits subject and Lab. The consensus was that SDC subject would be more suitable at this level.

**Resolution:** It was resolved to implement Pulse and Digital Circuits subject and Lab in III semester.

**Agenda G) : Certain points related to syllabi**

**Discussion:** Several points regarding specific courses were raised:

1. Reference Text books for SDC and EDC subjects are to be updated.
2. Experiment , Transistor as an Amplifier title is suggested to change as Verification of Transistor as an Amplifier using CE configuration.
3. Skill development Courses must be ECE related subjects .

**Resolution:** All the above suggestions were accepted, and the syllabi will be updated accordingly.

**Agenda 4: Internal and external Evaluation - Distribution and Weightage of Marks**

**Resolution:**

The Board approved the evaluation scheme under R25

**Agenda 5: VISION, MISSION, PEOs, PSOs**

**Resolution:**

The Board of Studies (BOS) reviewed the Vision, Mission, Program Educational Objectives (PEOs), and Program Specific Outcomes (PSOs) of the Department of Electronics and Communication

Engineering. After examining the documents for alignment with institutional goals, industry requirements, emerging trends in Electronics and Communication Engineering, and the Outcome-Based Education (OBE) framework for NBA/NAAC accreditation, the Board appreciated the clarity, relevance, and comprehensiveness of the statements.

#### **Agenda 6 : Substituted subjects for Readmitted students**

##### **Resolution:**

The Board reviewed the academic records of students readmitted from R20 and R22 regulations into R25.

##### **Resolution: No Readmitted students as on now**

#### **Agenda 7: Action Taken Report and Approval of DAB and PAC Minutes**

##### **Resolution:**

The Board reviewed the Action Taken Report (ATR) on the decisions of previous meetings and noted satisfactory progress on all points. The Board also examined the minutes of the Department Advisory Board (DAB) and Program Assessment Committee (PAC) meetings. After thorough discussion, the Board unanimously approved the Action Taken Report and ratified the minutes of the DAB and PAC meetings, acknowledging the efforts made towards continuous improvement in academic processes, curriculum implementation, and quality assurance

#### **Agenda 8: Identification of Workshops and guest lectures**

##### **Resolution:**

The BOS approved the organization of department-level workshops and guest lectures each semester. The department shall prepare a schedule of topics and resource persons in consultation with industry and academic experts.

#### **Agenda 9: Approval of teaching methods**

##### **Resolution:**

The BOS approved the proposed teaching methods and recommended their systematic implementation to ensure quality education, better student engagement, and improved Program Outcome (PO) attainment. Members emphasized incorporating:

- **ICT-enabled teaching tools** (smart classrooms, virtual labs, simulation tools).
- **Active learning strategies** (flipped classrooms, group discussions, peer learning).
- **Industry-oriented teaching approaches** (case studies, mini-projects, real-time problem-solving).
- **Assessment innovations** (formative assessments, quizzes, project-based evaluations).

The committee also highlighted the importance of continuous improvement in pedagogy through faculty development programs.

#### **Agenda 10: Approval of tools used in teaching and learning process to assess course outcomes**

##### **Resolution:**

The BOS approved the proposed tools for assessing Course Outcomes. Faculty members are

encouraged to integrate these tools into their teaching plans and submit outcome attainment reports for each course at the end of every semester.

**Agenda 11: Other Points (if any)**

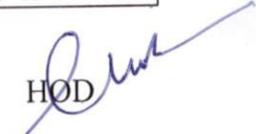
**Resolution:**

The Board invited suggestions from members under "Other Points." After discussion, it was resolved that the suggestions and recommendations made during the meeting shall be noted for consideration and suitable action by the Department/Colleges

**Annexure:** R25 Course Structure, Course Components, TKR Academic Regulations

The following members attended the meeting

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1	Dr. M.Mahesh	HoD, ECE
2	Dr.B.swapna Rani	Chairman, BOS
3	Dr. D.Naga Sudha- Associate Professor	JNTUJ Nominee
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8	Mrs. K. Sukanya	Internal Subject Expert -II

HOD   
Department of ECE

Copy To:

1. All the members of BOS
2. Principal
3. Dean (Academics)