



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)



R-12-II

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINUTES OF BOS MEETING

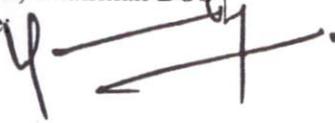
TKRCET/ECE/BOS/MM-1/2017-18

Dt: 06-08-2017

The Executive members of the Board of Studies, Department of ECE have met on
06-08-2017

MEMBERS OF BOS:

S. No	MEMBER	POSITION IN THE BOS
1	D. D.Nageshwar Rao- Professor	HoD,ECE,Chairman, BOS
2	Dr.G.Madhusudhan Rao- Professor	HOD-EEE,Chairman, BOS
3	Dr. A. Raghuram - Professor	JNTUH Nominee
4	Dr. N.V. Srikanth, NIT Warangal	External Subject Expert
5	Dr.CVenkata Narasimhulu, Prof., GCET Hyderabad	External Subject Expert
6	Dr. M. Chandrashekar	Industry Expert
7	Dr. S. Narasimha	Coordinator-PG
8	Ms.B.swapna Rani	Senior Faculty

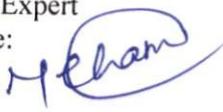
Dr D.Nageshwar Rao- Professor
HoD, ECE, Chairman BOS
Signature: 

Dr .G.Madhusudhan Rao-
HOD EEE
Signature: 

Dr. A. Raghuram
University Nominee
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Dr. N.V. Srikanth
External Subject Expert-I
Signature: 

Dr.CVenkata Narasimhulu,
External Subject Expert-II
Signature: 

Dr. M. Chandrashekar
Industry Expert
Signature: 

Dr. S. Narasimha
Internal Subject Expert-I
Signature: 

Ms.B. Swapna Rani
Internal Subject Expert-II
Signature: 

AGENDA:

1. Approval of Academic Regulations R17
2. Approval of Course Structure for I,II,III,IV years of R17
3. Approval of Detailed Syllabus for I year
4. Approval of Continuous Internal Evaluation and External Evaluation
5. Identification of Value Added Courses
6. Substitute subjects for Readmitted students
7. Identification of Workshops and guest lectures
8. Approval of teaching methods
9. Approval of tools used in teaching and learning process to assess course outcomes
10. Approval of Mandatory Courses
11. Ratification of Departments Vision, Mission, PEOs and PSOs
12. Other Points if any

Agenda 1: Approval of Academic Regulations R17

Resolution: The members have approved the Academic Regulations for R17.

Agenda 2: Approval of Course Structure for I,II,III,IV years of R17

Resolution: The members reviewed and approved the Course Structure for I, II, III, and IV years under R17. The board discussed about Professional electives.

Agenda 3 : Approval of Detailed Syllabus for I year

Resolution: The members examined and approved the Detailed Syllabus for the I Year under R17.

The BOS Chairman discussed the EDC theory topics unit-wise.

The members suggested

- In Unit-II, concepts of series & parallel resonance is added and also the concept of locus diagram with some examples are added.
- It is also suggested from the subject experts of the ECE department, that Transistor as a switch and amplifier should be in detail.
- It is also suggested that modification course objectives and course outcomes are done.
- It is also suggested that provision to add the reference books.
- It is also suggested that course handouts provided by the teacher for students.
- Textbooks suggested for BEE(Electrical)
- i) Basic Electrical Engineering (J J CHATHEY/SANASAR),
SCHAUM'S outlines (Mc G H company)

- II. Textbooks suggested for BEE(Electronics)
- i) Electronics devices and circuit theory by ROBERT L BOYLESTAD/LOUIS AASHELSKY (Pearson)
- ii) J. Millman's Electronics devices and circuits by J. Millman and C. Halkias, TMH 2/e.

Agenda 4: Internal and external Evaluation :

Discussion: Chairman-BOS presented the guidelines for evaluation of internal and external exams

Agenda 5: Identification of Value Added Courses

Resolution:

The BOS **approved the above Value-Added Courses** for implementation in the upcoming academic sessions and recommended periodic review to ensure alignment with industry trends and technological advancements.

1. PCB design
2. IoT and its Applications

Agenda 6 : Substitute subjects for the Readmitted students

Resolution: No Readmitted students

Agenda 7: Identification of Workshops and guest lectures

Resolution: Resolution: The BOS members discussed the need to organize **workshops and guest lectures** to enhance students' practical knowledge, industry exposure, and professional skills. Emphasis was placed on inviting **industry experts, academicians, and researchers** to provide insights into current trends, emerging technologies, and real-world applications.

Agenda 8: Approval of teaching methods

Resolution: The members discussed and suggested adopting a blend of teaching methods for the students, including classroom lectures, tutorials, and problem-solving sessions for conceptual clarity; laboratory experiments and project-based learning for practical exposure; the use of ICT tools, simulations, and virtual labs for technology-enabled learning

Agenda 9: Approval of tools used in teaching and learning process to assess course outcomes.

Resolution: The members emphasized the use of a variety of tools such as classroom tests, quizzes, assignments, and viva for continuous evaluation; laboratory experiments, mini and major projects for practical assessment; rubrics-based evaluation for presentations and seminars etc.

Agenda 10: Mandatory Courses

Resolution: BOS members approved. The following courses are proposed which are non-credit courses.

- Environmental Science and Technology,
- Gender Sensitization Lab.

For all non-credit courses and mandatory courses, no marks or letter grade is allotted

Agenda 11: Ratification of Departments Vision, Mission, PEOs and PSOs

Resolution: Validating Vision, Mission, PEOs, and PSOs

Agenda 12: Other Points if any**Resolution:**

The members invited and considered any additional points for discussion. No further significant matters were proposed, and the meeting proceeded to closure.

Annexure: Course Structure, course components, TKR Academic Regulations

The following members attended the meeting:

S. No	MEMBER	POSITION IN THE BOS
1	E. D.Nageshwar Rao- Professor	HoD,ECE,Chairman, BOS
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HOD
Department of ECE

Copy To:

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



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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
MINUTES OF BOS MEETING**

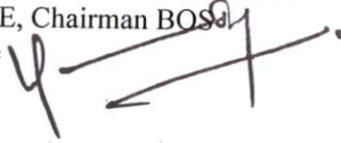
TKRCET/ECE/BOS/MM-2/2017-18

Dt: 29.11.2017

The Executive members of the Board of Studies, Department of ECE have met on 29.11.2017

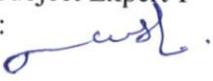
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Dr D.Nageshwar Rao- Professor
HoD, ECE, Chairman BOS
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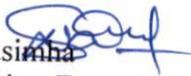
J. Madhusudhan Rao 29/11/17
Dr .G.Madhusudhan Rao
HOD EEE
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University Nominee
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C.V
Dr.C Venkata Narasimhulu
External Subject Expert-II
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Dr. M.Chandrashekar
Industry Expert
Signature: 


Dr. S. Narasimha
Internal Subject Expert-I
Signature:

Ms.B. Swapna Rani
Subject Expert-II
Signature: 

AGENDA:

1. Revision of Course Structure for II, III, IV years of R17
2. Approval of Detailed Syllabus for II, III and IV years
3. Substitute subjects for Readmitted students
4. Identification of Value Added Courses

Agenda 1: Revision of Course Structure II, III, IV years of R17

Resolution: The members discussed and approved the Course Structure for II, III and IV Years under R17.

Agenda 2 : Approval of Detailed Syllabus for II, III and IV years

Resolution: The members reviewed and approved the Detailed Syllabus for II, III and IV Years under R17.

Discussion : The BOS Chairman presented the detailed syllabus for II, III and IV years of the B.Tech program. The members reviewed the course structures, contents, and learning outcomes to ensure that they are aligned with the Program Outcomes (POs), Program Specific Outcomes (PSOs), and industry requirements. Suggestions, if any, were deliberated and incorporated.

- Briefing given by the BOS Chairman ,HOD ECE about the Academic subjects,lab and their credits.
- Multiple Random Variables, have to be added in Mathematics-III subject as a course behind the syllabus, so that it will be as a prerequisite of signals and stochastic process subject in II-I.
- Discussion about Analog Electronics subject contents that are added newly is satisfied by the BOS Committee.
- No changes have to be done in Signals and Stochastic Process Syllabus.
- Frequency response of CE,CS and CC Amplifiers have to be done in software along with the other experiments in AE Lab.
- PDC & STLD subject syllabus satisfied by the BOS Committee.
- BOS Committee suggested to follow Foreign Authors.
- No subject syllabus change in Analog Communications, BOS Committee satisfied with the syllabus.
- Course objectives and course outcomes to be written for all 2-1 &2-2 labs.
- BOS Committee suggested for design some of the experiments in AC lab, by connecting on the breadboard. Suggested IC block diagram specifications to be explained to the students.
- Changes are not recommended by committee in III & IV year syllabus, BOS Committee satisfied with the syllabus.

Agenda 3 : Substitute subjects for the Readmitted students

Resolution: The committee reviewed and recommended the continuation of such students under R17 Regulation without substitute subjects.No Readmitted students

Agenda 4: Identification of Value-Added Courses (VACs)

Resolution:

The BOS **approved these Value-Added Courses** to be offered along with previously identified VACs. Periodic updates will be made based on evolving industry requirements.

The newly proposed Value-Added Courses are:

1. PCB design
2. IoT and its Applications

The members invited and considered any additional points for discussion. No further significant matters were proposed, and the meeting proceeded to closure.

Annexure: Course Structure, course components, TKR Academic Regulations

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HOD
Department of ECE

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2. Principal
3. (Dean Academics)