

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 **www.nrcmec.org**

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of the 3rd BoS Meeting

The Board of Studies meeting of the Department of Electronics and Communication Engineering was held on 08-10-2025 at 10:00 AM in Board Room, M.G. Block.

Members of the Board of Studies:

S. No	Name of the Member	Designation	Role
1	Dr K. Purushotham Prasad	Professor & HoD ECE Department, Narsimha Reddy Engineering College (Autonomous)	Chairperson
University Nominee			
2	Dr. A Rajani	Professor & Director UIIC, Electronics & Communication Engineering JNTUH College of Engineering, Kukatpally, Hyderabad.	Member
External Subject Experts Nominated by Academic Council			
3	Dr. Anil Kumar Vuppala	Associate Professor, Department of Electronics and Communication Engineering IIIT Hyderabad, Telangana State, India.	Member
4	Dr. Mohammad Farukh Hashmi	Assistant Professor Grade-1, Department of Electronics and Communication Engineering, NIT Warangal, Telangana State, India.	Member
Industry Representative			
5	Mr. Ashish Chinthakayala	Managing Director, Path Creators, Hyderabad	Member
Department Senior Faculty Members			
6	Dr M Shoban	Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member



Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 www.nrcmec.org

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

7	Dr V. Purandhar Reddy	Associate Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
8	Dr N. Adithya Valli	Associate Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
9	Dr G. Naga Jyothi Sree	Associate Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
10	Mrs. N. Pavithra	Assistant Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
11	Mr. G Joy Sangeeth Raj	Assistant Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
12	Mrs. V. Nagalakshmi	Assistant Professor ECE Department, Narsimha Reddy Engineering College (Autonomous)	Member
Alumni Representative			
13	Mrs. Kruttiventi A Manjusha	Assistant Professor, Dept. of ECE. St Peters Engineering College	Member

AGENDA:

1. Confirmation of the minutes of the 2nd BoS meeting.
2. Approval of the course structure and syllabus for B. Tech NR25.
3. Approval of the course structure for the B. Tech ECE program under the NR25 Regulations (I semester to VIII semester).
4. Approval of the syllabus (I semester to IV semester) for the B. Tech ECE program under the NR25 Regulations.



NRCM

ESTD : 2007

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 **www.nrcmec.org**

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

5. Approval of the syllabus (V semester to VIII semester) for the B. Tech ECE program under the NR23 Regulations.
6. Approval of Course syllabus offered to other departments.
7. Any other item with the permission of chair.

Dr K. Purushotham Prasad, Head of the Department and Chairperson, Board of Studies welcomed all the members to the BoS meeting and briefed the agenda.

The members of the Board of Studies discussed the agenda item wise and resolved as per the details mentioned below.

Item 1: Confirmation of the minutes of the 2nd BoS meeting.

Resolution: Minutes of the 2nd BoS meeting were confirmed by the all members.

Item 2: Approval of the course structure and syllabus for B. Tech NR25.

The chairperson presented the course structure (I semester to VIII semester) and syllabus (I semester to IV semester) of B. Tech ECE NR25.

The following suggestions are posed by the respective members.

- The chairperson informed the members that the course outcomes of all the courses are mapped with 11 PO's as per the new NBA guidelines.
- The members are suggested project outcomes in line with emerging technologies as well as SDG's

Resolution: The members approved the same with the above suggestions/modifications for final Implementation.

Item 3: Approval of the course structure for the B. Tech ECE program under the NR25 Regulations (I semester to VIII semester).

The chairperson led the discussion on finalizing the course structure for the B. Tech ECE program. After a comprehensive discussion, the following decisions were made:



Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 **www.nrcmec.org**

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

- The course structure for B. Tech ECE was finalized, requiring 160 credits out of 164 credits for graduation.
- The core courses were approved after a discussion on their ability to prepare students for national-level competitive exams like GATE, NET, and SET.
- The list of elective courses was finalized to provide flexibility for students based on their interests.
- Advanced English communication skills Laboratory has been moved from III Year II semester to III year I semester without effecting the total credits

Resolution: The members approved the same with the above suggestions/modifications for final Implementation.

Item 4: Approval of the syllabus (I semester to IV semester) for the B. Tech ECE program under the NR25 Regulations.

Designing the syllabus for the first and second years of the B. Tech ECE program under the NR25 Regulations.

The members designed the syllabus for the first and second years of the B. Tech ECE program:

- First Year Syllabus: Courses were designed, including Problem-solving with programming lab, Electrical Engineering Lab, Python Programming lab and English Communication skills lab.
- Second Year Syllabus: The syllabus was designed to include important topics in all major core courses.
- Emphasis was placed on introducing skill-Development courses and ensuring the syllabus aligns with industry requirements and emerging technologies.
- The chairperson proposed performing any 12 experiments in Modelling and Simulation Laboratory II-I semester.
- Six additional hardware experiments are added in Electronic Device Circuits Laboratory offered in II-I semester as simulation-based experiments are covered in the Electronic Circuit Analysis Laboratory offered in II-II Semester.
- In Unit II from Electromagnetic Fields and Transmission Lines subject offered in II-II semester, Magnetic Dipole Moment is added as suggested by **Dr. A. Rajani, Professor & Director UIIC**, Electronics & Communication Engineering.



Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 **www.nrcmec.org**

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

- **Dr. A. Rajani, Professor & Director UIIC**, Electronics & Communication Engineering, suggested remove the topics i.e., Response of Bank of correlators to Noisy Input, Detection of Known Signals in Noise, Probability of error, Optimum Receivers Using Coherent Detection and Eye pattern is changed to eye Diagram and in unit IV Removal of topics Adaptive DM, QAM, M-ary modulation techniques (PSK, FSK, QAM), Comparison of M-ary digital modulation techniques and added probability of error, power spectra and bandwidth efficiency for BPSK.

Resolution: The members approved the same with the above suggestions/modifications for final Implementation.

Item 5: Approval of the syllabus (V semester to VIII semester) for the B. Tech ECE program under the NR23 Regulations.

Designing the syllabus for the third and fourth years of the B. Tech ECE program under the NR23 Regulations.

The members designed the curriculum for the third and fourth year of the B. Tech ECE program:

- Third Year Syllabus: Courses were designed, including Professional Electives and Open Electives.
- III-II semester, Advanced Communications Laboratory experiments are modified based on the availability of equipment in the market and additional experiments are included to perform minimum of 8 experiments
- Fourth Year Syllabus: The syllabus was designed to include industry oriented mini & major projects/Summer internships in all major core courses.
- Emphasis was placed on introducing skill-Development courses and ensuring the syllabus aligns with industry requirements and emerging technologies.

Resolution: The members are approved the same with the above suggestions/modifications for final Implementation.

Item 6: Approval of Course syllabus offered to other departments.

Other department subjects, Electronic Devices and Circuits for CSE, CSE (AI/ML), CSE (CS), IT, EEE, and Digital Electronics for EEE syllabus has been approved by members.

Item 7: Any other item with the permission of chair.

Recommendations/suggestions of BoS members.



Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
Email: nrengineeringcollege@gmail.com, principal@nrcmec.org
Ph:9949092454,9000995454 www.nrcmec.org

NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS

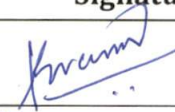
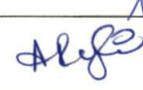
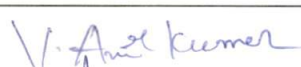
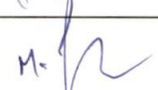
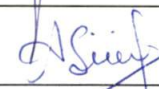
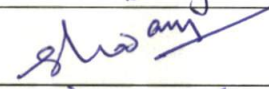
Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad
Accredited by NAAC with 'A' Grade & NBA, UGC 2(f) & 12(B)

The board of studies members reviewed the modified course structure and syllabus with their recommendations/suggestions being incorporated appropriately. However, the above suggestions are made to ensure the overall competence of the students for better employability.

Finally, the members approved the same for final implementation.

The meeting concluded with vote of thanks by Dr K. Purushotham Prasad, Chairperson of Board of Studies.

Members Present:

S. No.	Name of the Member	Signature
1	Dr K. Purushotham Prasad	
2	Dr. A Rajani	
3	Dr. Anil Kumar Vuppala	
4	Dr. Mohammad Farukh Hashmi	
5	Mr. Ashish Chinthakayala	
6	Mrs. Kruttiventi A Manjusha	
7	Dr M Shoban	
8	Dr V. Purandhar Reddy	
9	Dr N. Adithya Valli	
10	Dr G. Naga Jyothi Sree	
11	Mrs. N. Pavithra	
12	Mr. G. Joy Sangeeth Raj	
13	Mrs. V. Nagalakshmi	

