

Maisammaguda (V), Dhulapally (P)
Near Kompally, Medchal (M), Secunderabad - 500 100.
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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)

10	Mr.V.Prashanth	Assistant Professor EEE Department Narsimha Reddy Engineering College	Member
11	Mr.K.Chitanya	Assistant Professor EEE Department Narsimha Reddy Engineering College (Autonomous)	Member

AGENDA :

1. Confirmation of the minutes of the 2nd BoS meeting
2. Approval of the course structure for the B.Tech EEE program under the NR25 regulations (I semester to VIII semester)
3. Approval of the syllabus (I semester to IV semester) for the B.Tech EEE program under the NR25 regulations.
4. Approval of the syllabus (V semester to VIII semester) for the B.Tech EEE program under the NR23 regulations.
5. Approval of the syllabus for the courses offered to other departments by the department of EEE under the NR25 regulations.
6. Any other item with the permission of chair.

Dr.C.Sasikala, Head of the Department and Chairperson, Board of Studies welcomed all the members to the BoS meeting and presented 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 all the members.

Item 2: Approval of the course structure for the B.Tech EEE program under the NR25 regulations (I semester to VIII semester)

The chairperson presented the course structure (I semester to VIII semester) of the B.Tech EEE program. After comprehensive discussion, members proposed the following suggestions/changes in the course structure.

- The chairperson informed the members that the course outcomes of the all the courses are mapped with 11 PO's as per the new NBA guidelines.



ESTD : 2007

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- **Core Courses:** The need to update core courses are updated with the latest advancements in electrical and electronics engineering was discussed. Suggestions included adding more hands on projects and industry relevant topics.
- **Credit Distribution:** The discussion included adjusting credit distribution to give students more flexibility and giving emphasis to industrial relevant subjects.
- **Practical Experience:** Members suggested for effective conduction of Skill Development Courses, internships, projects to enhance the application of knowledge to address the societal and industrial needs/problem.
- **Elective Courses:** Members recommended adding elective course (V semester onwards) relevance to industry and advancements in electrical engineering.
- Dr.R.DurgaRao, University nominee suggested to include Energy Storage Systems in Professional Elective-III.
- Prof.V.Ramu suggested to consider Battery Management Systems and AI and ML for Electrical Engineering applications under Professional Electives-IV.
- Mr.S.Sampath Kumar, Senior Manager, BHEL emphasized the knowledge on Energy Conservation and Audit and suggested to consider as one of the Professional Elective.
- Mrs Anjali Patnaik proposed to offer EV Charging Infrastructure as one of the Professional Elective in the course structure.
- Dr.Ch.Ramulu suggested Smart Metering and Communication Protocols should be considered as one of the Professional Elective keeping in view of industry needs.
- BoS members suggested to include Skill Development Courses that are Design of Electrical Systems Using AutoCAD, PCB Design, Robotics and Automation and Design of Solar Power System in the course structure keeping in view of industry needs.
- Mr.S.Sampath Kumar insisted industry internship/ industry oriented mini project should be made mandatory for all the students to get exposure on industry environment and needs.
- Members suggested to add one tutorial hour for the problematic and analytical subjects.
- Keeping in view of the importance of Sustainable Development Goals (SDG's) members suggested to align project outcomes, courses and other curricular outcomes should address and meet SDG's.



Resolution: The BoS members approved the course structure with the above suggestions/modifications for final implementation.

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Item 3: Approval of the syllabus (I semester to IV semester) for the B.Tech EEE program under the NR25 regulations .

The BoS members reviewed the syllabus of the 1st and 2nd years of B.Tech EEE program under the NR25 regulations and suggested the following:

- EEE II Year I Sem, in Electrical Machines–I, Electro mechanical energy conversion should be added in UNIT-1.
- EEE II Year, II Sem, in Electrical Machines–II Laboratory, Experiments Which are irrelevant to the theory syllabus are to be removed and theory related experiments are suggested to add.
- EEE II Year, I Sem, Design of Electrical Systems using AutoCAD Laboratory should be conducted with relevant Software .

Resolution: The BoS members approved the syllabus with the above suggestions/ modifications for final implementation.

Item 4: Approval of the syllabus (V semester to VIII semester) for the B.Tech EEE program under the NR23 regulations.

- EEE IV year, I sem in Open Elective-II, Utilisation of Electrical Energy subject should be shifted to Professional Elective III in place of Signals and Systems.

Resolution: The BoS members approved the syllabus with the above suggestions/ modifications for final implementation.

Item 5: Approval of the syllabus for the EEE subjects offered to other departments of B.Tech program under the NR 25 regulations.

- Civil and Mechanical I Year, I sem in Elements of Electrical and Electronics Engineering OCC Experiment is to be added in Electrical Experiments.
- ECE I Year I Sem in Introduction to Electrical Engineering only introduction to CB'S is briefly to be included in UNIT-5.

Resolution: The BoS members approved the syllabus with the above suggestions/ modifications for final implementation.



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Item 6: Any other item with the permission of chair.

Recommendations/ suggestions of BoS members.

- Students should be encouraged for MOOC certifications. Students can be permitted to register for the MOOC's one semester in advance against as scheduled in course structure which enables the on time transfer of credits.
- Institute should support the students for industry oriented internships.

Students should be encouraged towards more project based learning, practical based learning through mini projects, major projects, internships , working model contest etc.

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.

The meeting concluded with vote of thanks by Dr.C.Sasikala, Chairperson of Board of Studies.

Members Present:

S.No.	Name of the Member	Signature
1	Dr.C.Sasikala	
2	Dr.R.Durga Rao	<i>[Signature]</i> 10/10/25
3	Dr.V.Ramu	<i>[Signature]</i>
4	Dr.Ch.Ramulu	<i>[Signature]</i>
5	S.Sampath Kumar	<i>[Signature]</i>
6	Anjali Patnaik	<i>[Signature]</i>
7	Dr.A.Immanuel	<i>[Signature]</i>
8	Dr.G.Sabarinath	<i>[Signature]</i>
9	Mr.C.Dinakaran	<i>[Signature]</i>
10	Mr.V.Prashanth	<i>[Signature]</i>
11	Mr.K.Chitanya	<i>[Signature]</i>



NRCM

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