

Dept. of EEE

BOS Autonomous Agenda Resolution and Meeting Minutes As on Date: 28 – 06 – 2025

Agenda:

To discuss & approval of

1. R23 Autonomous Third year B.Tech EEE Course Structure,
2. R23 Autonomous Third year B.Tech EEE subjects & labs and their Syllabus.
3. Open Electives, Honor subjects & Minor Subjects .
4. Other academic points.

Resolution:

Discussed & Approved of

1. R23 Autonomous Third year B.Tech EEE Course Structure.
2. R23 Autonomous Third year B.Tech EEE subjects & labs and their Syllabus.
3. Open Electives, Honor subjects & Minor Subjects

Minutes of Meeting:

The following concerns have been raised by the committee members:

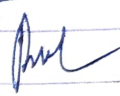

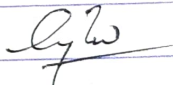
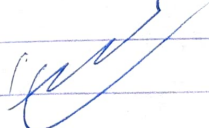
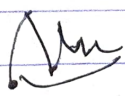
- Add the topic **Optocoupler Gate driver circuit for MOSFET & IGBT** in the **Unit-1** of **Power Electronics** syllabus:
- Add the experiment **Optocoupler Gate driver circuit for MOSFET & IGBT** in **Power Electronics Lab**.
- Remove the topic **“Introduction to PWM control”** from the syllabus in **Unit-4**.
- The **Power Systems-II** Syllabus content is huge, and more hours are required to complete the syllabus. Hence **Minimize the syllabus contents of PS-II**
- Reduce the easy subject credit or add an extra credit to PS-II.
- For **Electrical Measurements & Instrumentation**, **Unit-4** can be updated with the modern content.
- Reduce the content from **Unit –I Unit-III of Electrical Measurements & Instrumentation**
- Add **Transducers** in the syllabus.
- In **III-II professional elective-I**, check the possibility of swapping the subject **Renewable & Distributed Energy Technologies** in the place of **Communication systems** subject of **III-I** and vice-versa.

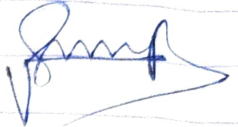

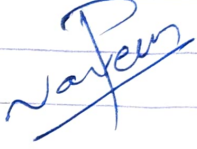

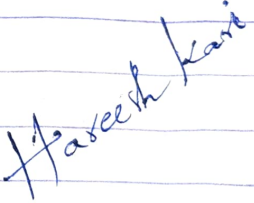
Minors

- Add **BEEE in the Pre-requisites** of UEE subject.
- Change the subject **Basics of Electric Drives & Applications** as it is complex to understand other branch students.
- Offer a course on **solar power erection, generation, design based on PM surya gruh scheme from the Govt. of India Initiative**.
- Add the topics related to the generation of **Hydrogen generation plants** and design.

Handwritten signature and date:
28 Feb 2025

8th Board of studies meeting of Department of Electrical & Electronics Engineering, Vishnu Institute of Technology (Autonomous) held on 28-06-2025 at Vishnu Institute of Technology Bhimavaram.

<u>S.No.</u>	<u>Members Present</u>	<u>Signature</u>
1.	Dr. R.V.D Rama Rao Professor & HOD & chairman	
2.	Dr. K. Ravindra Professor, EEE, University College of Engineering, JNTUK Kakinada, (Member, nominee of JNTUK, Kakinada)	
3.	Dr. M. Venugopala Rao Professor, EEE, C.E, QIS College of Engineering, Ongole. (Member nominee of Academic Council)	
4.	Dr. K. chandra Sekhar Professor & HOD EEE, RVK&JC College of Engineering, Guntur. (Member nominee of Academic Council)	
5.	Dr. A. Madhu Babu Working as Manager in NTPC Ltd. Simhadri - 531020, Anakapalli Dist. (Member Industry Expert)	

- | <u>S.No.</u> | <u>Members Present</u> | <u>Signature</u> |
|--------------|--|--|
| 6. | Dr. VSN Narasimha Raju
(Member Academician) |  |
| 7. | Dr. I. Kabi Reddy
Associate Professor
(Member Academician) |  |
| 8. | Mr. P. Naveen
Associate Professor
(Member Academician) |  |
| 9. | Mr. G. Sri Babu
Associate Professor
(Member Academician) |  |
| 10. | Mr. K. Harish
U.G. Alumni
Working as Sr. Software Engineer
Motherson Technology Services, Chennai
(Member, UG, Alumni) |  |