



# SIDDHARTHA

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Kanuru, Vijayawada - 520 007, AP. [www.vrsiddhartha.ac.in](http://www.vrsiddhartha.ac.in)

91 866 2582333  
866 2582334  
866 2584930

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

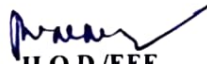
16-05-2025

VRSEC/DAB/NBA F.No 39/2024&2025

All the members of the department advisory Board are requested to attend the 10<sup>th</sup> Department Advisory Board meeting being scheduled on 17-05-2025 at 10.00 AM through Google Meet.

### Agenda for the meeting:

1. Action taken report on DAB meeting held on 13-06-2023
2. Ratification of PAC minutes
3. Discussion on proposed scheme & syllabus of third & fourth semester of SU-24, proposed scheme & syllabus of fifth & sixth semester of VR-23.
4. Attainments of POs for the Batches 2020-2024
5. Details of academic achievements
  - a. Result Analysis
  - b. Placement details
  - c. Student achievements
  - d. Extra Curricular & Co-Curricular activities
  - e. Faculty achievements
6. Any other matter with the permission of chair

  
H.O.D/EEE

**Dr.P.V.R.L.NARASIMHAM**

Professor & Head

Dept.of Electrical & Electronics Engineering

V.R.Siddhartha Engineering College

VIJAYAWADA-520 007.

**Minutes of the Department Advisory Board (DAB) meeting of Electrical and Electronics Engineering Department, Velagapudi Ramakrishna Siddhartha School of Engineering, Vijayawada - 520007 held at 10.00A.M on 17-05-2025 through online.**

**The following members have attended the meeting through Google meet.**

- ❖ **Dr. P. V. R. L. Narasimham**, HOD-EEE department and Chairman-DAB, chaired the meeting and extended a warm welcome to all the members of DAB and faculty of EEE department.
- ❖ **Er. G.Kartik**, Head-Corporate centre, L & T Ltd, Power & Distribution, Manapakkam, Chennai, representative from Industry attended as member of Department Advisory Board.
- ❖ **Er. K.Rajasekhar**, Analog Design Engineer(ASC), Texas Instruments Pvt.Ltd., Bangalore, representative from Industry attended as member of Department Advisory Board.
- ❖ **Er. K.Satyanand**, Cluster Head, ABB India Ltd, HITECH CITY, Madhapur, Hyderabad, representative from Industry attended as member of Department Advisory Board.
- ❖ **Dr. A. Rama Devi**, Professor in EEE department and UG programme coordinator attended the meeting.
- ❖ **Dr. B. Venkateswara Rao**, Associate Professor in EEE department attended the meeting.

**Item 1: Action taken report on DAB meeting held on 13-06-2023**

- **Suggestion:** To introduce a new course on design of Electrical Apparatus in the curriculum.
- **Action Taken:** This suggestion is taken care while framing the experiments in first year workshop but not a separate course.
- **Suggestion:** To understand the demo model of smart Grid with two or three sources.
- **Action Taken:** Yet to be implemented
- **Suggestion:** To include Power Exchangers and bilateral agreement topics in the course Deregulated Power Systems.
- **Action Taken:** Suggestion is taken care and planned to introduce Deregulated Power system course as an Program Elective in seventh semester of VR23 regulation.

**Item 2: Ratification of PAC Minutes**

The PAC meeting minutes are presented to the members. The minutes have been resolved and ratified by the DAB members.

**Item 3: Percentage Credit Distribution – SU-24**

The chairman presented the Percentage Credit Distribution of SU-24, Semester-wise credit Distribution of SU24, III & IV Semester Scheme of SU-24 and detailed syllabus of III Semester to the DAB members. The chairman also presented the V and VI Semester Scheme of VR-23 and V-Semester & VI-Semester Syllabus of VR-23 to the DAB members. The syllabus has been approved by the DAB members.

**Item4: PROGRAM OUTCOMES (POS) and Attainments of POs for Batch 2020-24**

The Chairman has presented all the Pos and their attainments of the batch: 2020-2024 It is also mentioned that the PO target level is increased by 2% for Batch 2020-2024.

**Item5: Details of Academic Achievements for the A.Y: 2023-24**

- The Chairman has presented all the odd and even semester results of the students for the A.Y: 2023-24 and odd semester results of the A.Y. 2024-25.
- It was informed that 129 students got placements in various companies with highest salary package of 9 lakhs and minimum package of 1.8 lakhs for the A.Y 2023-24. And it was also informed that 176 students got placements in various companies with highest salary package of 7.5 lakhs and minimum package of 2 lakhs for the A.Y 2024-25.
- The Chairman presented that 25 students got the paid internships from various industries
- The Chairman presented that totally 56 papers have been published and presented by the faculty in various reputed journals, book chapters and conferences.

**Item 6: Any other matter with the permission of chair**

- The chairman presented the following achievements of the department

- **Suggestion:** To have more emphasis on electric vehicle operation, concept of regenerative braking and Battery Management System (in particular to Lithium ion battery) while designing the course curriculum.
- **Action Taken:** Introduced regenerated braking and BMS in the Course titled "Electric Vehicles" (23EE5205B ).
- **Suggestion:** To give more emphasis on surge protection devices while designing the curriculum.
- **Action Taken:** implemented the suggestion in the course titled "Power System Protection"(23EE6303)
- **Suggestion:** To include smart metering techniques in Electrical distribution systems, to incorporate the concepts and techniques.
- **Action Taken:** Suggestion will be taken care while framing the syllabus for Electrical Distribution Systems as elective course in seventh semester.
- **Suggestion:** To refer package substation technology for High Voltage Engineering.
- **Action Taken:** Suggestion is taken care and will be implemented while discussing content beyond the syllabus.
- **Suggestion:** To introduce a separate course on EV chargers, Battery health management system in the curriculum.
- **Action Taken:** Basic content on EV Chargers and Battery health Management is available in Electric Vehicle course in Unit-IV & II respectively of VR23 regulation
- **Suggestion:** To concentrate on application level of Engineering for courses wherever it is possible.
- **Action Taken:** Suggestion has taken care while framing course for open Electives and Program Electives.
- **Suggestion:** To introduce DSP based Solar inverters.
- **Action Taken:** The concept of Solar inverters is existing in the course "solar photo voltaic". But DSP solar inverters are need to be discussed in detail and to be approved from BOS members.

- Dr. S N V S K Chaitanya, Asst. Professor was awarded Ph.D from Annamali University, Chidhabharam.
- Dr.J.Vimala Kumari , Asst.Professor was selected for PDF in IIT Tirupati.
- The innovative model " Smart Hybrid Bed " recognized by BYST and awarded a cash prize of an amount Rs 50,000/- in business idea contest.
- The innovative model " Chitti Cycle" recognized by BYST and awarded a cash prize of an amount Rs 30,000/- in business idea contest.
- The innovative model "Multipurpose Rock Bottom Compact Machinery for Smart Agriculture" has been shortlisted for Bihar's innovation start-up
- 02 start-up's has been registered in the A.Y. 2024-25, those are Chitti Motor and Pranayuv Technologies.

- **Er. K.Rajasekhar**, Analog Design Engineer(ASC), Texas Instruments Pvt.Ltd., Bangalore, Suggested to keep the analog electronics basics which are required for industry.
- **Er. K.Satyanand**, Cluster Head, ABB India Ltd, HITECH CITY, Madhapur, Hyderabad, Suggested to introduce the topics related to green hydrogen and green nitrogen in power generation or renewable energy source subjects.

**Dr. P. V. R. L. Narasimham**, Professor & Head of the department and chairman of Department Advisory Board thanked all the members and faculty for their active participation in the meeting.

**Date: 19-05-2024**

*Dr. P. V. R. L. Narasimham*

**Dr. P. V. R. L. Narasimham**

**Chairman, DAB-EEE**

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