



SREE VAHINI INSTITUTE OF SCIENCE AND TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
Department of Electrical & Electronics Engineering

Minutes of Board of Studies Online Meeting held on 2nd July 2026, 3.00 P.M

Agenda of the Board of Studies Meeting to be held on 2-7-2026.

1. Approval of B.Tech EEE- Course Structure & Syllabus of IV B.Tech I & II Sem (V23)-Discussed/Approved
2. Approval of B.Tech EEE-Course outcomes of IV B.Tech I & II Sem-- Discussed/Approved
3. Approval of MOOCs/NPTEL courses
4. Any other matter with permission of Chair.

Note: Detailed resolutions are enclosed.

S. No	Name of the Member	Designation	Signature
1	Dr. K. Kiran Kumar	BOS-Chairman	
2	Dr. K. Sri Kumar Professor, EEE, UCEV, JNTU-GV, Vizianagaram.	Member (University Nominee)	Present-Online
3	Dr. D V S S Siva Sarma Professor, Dept. of EEE, NITW, Warangal.	Member (Subject Expert)	Present-Online
4	Dr. CH. Ravi Kumar, HOD, Dept of EEE, ANU, Guntur Andhra Pradesh	Member (Subject Expert)	Present-Online
5	Mr. S. Prathap Assistant Executive Engineer APGENCO, Vidyut soudha, Vijayawada	Subject Expert (Industry)	Present-Online
6	Mr. A. Hema Sundar Kumar AEE, APCPDCL, Tiruvuru Rural	Expert (Outside)	Present-Online
7	Mr. B. Kutumba Rao	Alumni	-Absent-
8	Mrs. K. Ramya	Internal Member	
9	Mr. P. Uday Kumar	Internal Member	

10	Mr. V Murali Krishna	Internal Member	V. Murali Krishna
11	Mr. SK. Baji	Internal Member	SK. Baji
12	Mrs. M. Hari Priya	Internal Member	M. Hari Priya
13	Mr. M. Naga Raju	Internal Member	M. Naga Raju
14	Mrs. Mamatha	Internal Member	M. Mamatha

Dr. K. Kiran Kumar, Head of the Department, Electrical and Electronics Engineering, Sree Vahini Institute of Science and Technology, Tiruvuru, chaired the meeting. He expressed his sincere thanks to the entire BOS Members for their consent to be on the Board of Studies of the department and their valuable suggestions for improvement. He extended a warm and hearty welcome to all the honorable members of the Board of Studies.

He acknowledged all the members for their valuable suggestions, advice, guidelines, and concern for the overall development of the department. Later, he presented the credentials of the college and the agenda of the meeting.

The Board of Studies (BOS) reviewed and approved the Course Structure and Syllabus for IV B.Tech I & II Semesters (V23) Regulations. The suggestions and recommendations made by the BOS members were discussed in detail and duly incorporated. Accordingly, the syllabus was revised and approved by the Board for implementation.

IV B.Tech I Sem Course Structure (V23)

S.No.	Category	Title	L	T	P	C
1	Professional Core	Power System Operation and Control	3	0	0	3
2	Management Course-II	Energy Management & Auditing	2	0	0	2
3	Professional Elective-IV	1. EHVAC&HVDC Transmission Systems 2. Programmable Logic Controllers 3. Electrical Distribution System 4. 12 weeks MOOCs Swayam/NPTEL course recommended by the BOS	3	0	0	3
4	Professional Elective-V	1. Electric Vehicles 2. Switched Mode Power Conversion	3	0	0	3

		3. Design of PV systems 4. 12 weeks MOOCs Swayam/NPTEL course recommended by the BOS				
5	Open Elective-III	1. Battery Management Systems and Charging Stations 2. Concepts of Smart Grid Technologies	3	0	0	3
6	Open Elective-IV	1. Concepts of Power Quality 2. Quantum Science and Technology	3	0	0	3
7	Skill Enhancement Course	Power Systems Simulation Lab	0	0	4	2
8	Audit Course	Constitution of India	2	0	0	-
9	Internship	Evaluation of Industry Internship	-	-	-	2
Total			16	1	02	21

IV B.Tech II Sem Course Structure (V23)

S.No.	Category	Title	L	T	P	C
1	PR	Internship and Project	-	-	24	12

List of 12 WEEKS MOOCS SWAYAM/NPTEL COURSE RECOMMENDED BY THE BOS

1. Introduction to Industry 4.0 and Industrial Internet of Things.
2. Software Engineering
3. Artificial Intelligence: Concepts and Techniques.
4. Machine Learning and Deep learning - Fundamentals and Applications.
5. Fundamentals of Artificial Intelligence.
6. Introduction to Internet of Things

Suggestions Given by the Board of Studies (BOS) Members

1. Dr. D. V. S. S. Siva Sarma suggested including the topic "**Introduction to Hydrothermal Scheduling**" in **Unit-II** of the **Power System Operation and Control (PSOC)** course.
2. Dr. K. Sri Kumar suggested including the topic "**HVAC Systems – Heating, Ventilation, and Air Conditioning**" in **Unit-II** of the **Energy Management & Auditing** course.

3. Dr. D. V. S. S. Siva Sarma and Dr. Ch. Ravi Kumar suggested including the online learning resource links for all **12-week SWAYAM/NPTEL MOOC courses** mentioned in the syllabus.
4. Dr. D. V. S. S. Siva Sarma suggested updating the **Text Books** and **Reference Books** by replacing the old editions with the latest available editions.
5. Mr. Pratap suggested organizing **industry-oriented seminars and workshops** to help students acquire practical skills beyond the prescribed syllabus.

Date: 02-07-2026.



BOS Chairperson

HEAD OF THE DEPARTMENT

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
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