




**SWARNANDHRA**  
**COLLEGE OF ENGINEERING & TECHNOLOGY (Autonomous)**  
**SEETHARAMPURAM, NARSAPUR - 534 280, W.G. Dt., A.P.**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**BOARD OF STUDIES**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Sl. No	Name of the Member	Designation & Affiliation	Category
1.	Dr.C.Sivapragash	Professor & HOD Dept. of EEE, SCET, Narsapur	Chairman
2.	Dr.Y.Venkatesh	Associate Professor Dept. of EEE, SCET, Narsapur	Internal Member
3.	Mr.A.Satyanarayana	Assistant Professor Dept. of EEE, SCET, Narsapur	Internal Member
4.	Mr.V.Madhu	Assistant Professor Dept. of EEE, SCET, Narsapur	Internal Member
5.	Mrs.N.Lavanya	Assistant Professor, Dept. of EEE, SCET, Narsapur	Internal Member
6.	Dr.S.Sivanagaraju	Professor Dept. of EEE, University College of Engineering JNTUK, Kakinada	Subject Expert Nominated by V.C
7.	Dr G Naresh	Professor & Vice Principal Dept. of EEE, Pragati Engineering College, Surampalem, Andhra Pradesh	Subject Expert Nominated by A.C
8.	Dr. L.Ravi Srinivas	Professor ,Dept. of EEE, Gudlavalleru Engineering College, Andhra Pradesh	Subject Expert Nominated by A.C
9.	Er.V.Yesudasu	JTO, BSNL, Tadepalligudem.	Industrial Expert
10.	Mr.P Maheswara Rao	Assoc Professor, Dept of EEE Visakha Institute of Engineering & Technology, Visakhapatnam.	Alumni Member

  
**HEAD OF THE DEPARTMENT**

  
**PRINCIPAL**

# BOARD OF STUDIES MEETING FOR B.TECH COURSE

**Department:** Electrical and Electronics Engineering

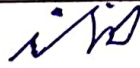
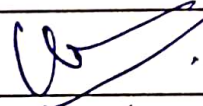
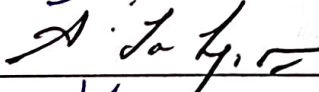
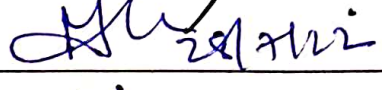
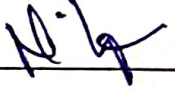
**Venue:** Virtual Mode

**Date and Time:** 28-07-2022

## **Agenda:**

1. Review of Seventh Board of Studies Meeting
2. Finalization of VII semester and VIII semester Syllabus for R19 Regulation (Choice Based Credit System)
3. Finalization of V semester and VI semester syllabus for R20 Regulation (Choice Based Credit System)
4. Finalization of V semester and VIII semester Course Structure for R20 Regulation (Choice Based Credit System)
5. Finalization of Honor and Minor Degree for R20 Regulation (Choice Based Credit System)
6. Any other matter with the permission of Chair.

Member attended for BOS Meeting

Sl. No	Name of the Member	Category	Signature
1.	Dr.C.Sivapragash	Chairman	
2.	Dr.Y.Venkatesh	Internal Member	
3.	Mr.A.Satyanarayana	Internal Member	
4.	Mr.V.Madhu	Internal Member	
5.	Mrs.N.Lavanya	Internal Member	
6.	Dr.S.Sivanagaraju	Subject Expert Nominated by V.C	ONLINE
7.	Dr G Naresh	Subject Expert Nominated by A.C	ONLINE
8.	Dr. L.Ravi Srinivas	Subject Expert Nominated by A.C	ONLINE
9.	Er.V.Yesudasu	Industrial Expert	ONLINE
10.	Mr. P.Maheswara Rao	Alumni Member	ONLINE



# Minutes of Board of Studies (UG)

The Chairman of BOS, Department of Electrical and Electronics Engineering has welcomed all members and briefed the agenda that have been deliberately considered for discussion.

## **Agenda-1: Introduction of new members in BOS**

**Resolution:** The BOS of EEE department is constituted as per the guidelines of the Academic Council and Vice-Chancellor of Jawaharlal Nehru Technology University, Kakinada. The Chairman has introduced the members.

## **Agenda-2: Finalization of the R20 Syllabus (Choice Based Credit System) for Semester V and Semester VI.**

**Resolution** The Chairman has presented the course structure which was drafted by syllabus framework committee, which is framed as per the Andhra Pradesh State Council Of Higher Education - Revised Engineering 2020 Curriculum, AICTE model curriculum and JNTUK-Kakinada R20 Curriculum.

The BOS has been deeply analyzed the drafted curriculum for R20 regulation, the course content of all subjects from semester V to semester VI have appropriately framed. The semester wise changes are:

### **V SEMESTER:**

- Soft Skills course should be framed with 0-0-4 Pattern not with 1-0-3 pattern.
- Suggested to reduce the Core Electives to three subjects only i.e. one from EE, one from ECE and another from CSE.
- In Control System & Simulation lab, suggested to remove experiment 3 & 4.
- In Utilization of Electrical Energy course, suggested to rename as "Selection of Drives" instead of Selection of Motors".

### **VI SEMESTER:**

- Title of the course should be like "Microprocessors & Microcontrollers"
- Name of the title is suggested as Control of Electric drives" instead of "Electrical Drives"



- In Power System Simulation lab, suggested to modify the order of experiments.

**Agenda-3:** Finalization of the R19 Syllabus (Choice Based Credit System) for Semester VII and Semester VIII.

- **Resolution:** The BOS has deeply analyzed the drafted curriculum for R19 regulation, the course content of all subjects from semester VII to semester VIII have appropriately framed. The semester wise changes are:

#### **VII SEMESTER:**

- Title of the course to "Hybrid Electrical Vehicles" instead of "Electric Hybrid Vehicles"
- In PSOC course, decided to limit only upto Short term Solution in Unit-2 syllabus.
- In PSOC course mathematical modeling should be taught in proper sequence like speed governing system-transmission line-generator load modeling etc.,
- Name of the title is suggested as "Control of Electric drives" instead of "Electrical Drives" & "Advanced Control of Electric Drives" instead of "Advanced Electrical Drives".
- In "Wind & Solar Energy Systems" Course, decided to frame two units related to Solar Energy & three units related to Wind Energy.
- In Power System Simulation laboratory, suggested to follow R-19 JNTUK experiments, include hardware-based experiments in PART-A.
- In FACTS: Flexible Alternating Current Transmission Systems course remove Current source Inverters.
- In Electrical Distribution System course suggested to rearrange the topics in UNIT- 5 as per textbook order.

**Agenda-4:** Any other matter with the permission of Chair.

**Resolution:** Additionally, the following points are discussed/ensured:

- In the Coming Semesters for R20 Regulation include Computer based Subject in V Semester to VIII Semester for the benefit of Subject Growth.
- In all Lab Experiments are strengthen by providing reference URL in the college website along with department manual.



- In Power System Simulation lab, suggested to modify the order of experiments.

**Agenda-3:** Finalization of the R19 Syllabus (Choice Based Credit System) for Semester VII and Semester VIII.

- **Resolution:** The BOS has deeply analyzed the drafted curriculum for R19 regulation, the course content of all subjects from semester VII to semester VIII have appropriately framed. The semester wise changes are:

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**Agenda-4:** Any other matter with the permission of Chair.

**Resolution:** Additionally, the following points are discussed/ensured:

- In the Coming Semesters for R20 Regulation include Computer based Subject in V Semester to VIII Semester for the benefit of Subject Growth.
- In all Lab Experiments are strengthen by providing reference URL in the college website along with department manual.

- Consider only two or three books as Text Books and more than two books may consider as references.
- Choose Knowledge level KI to K4 for Theory Course Cos, and Choose K5 & K6 for Laboratory course and Project work only as per revised Blooms Taxonomy.

The meeting ended with the vote of thanks.

Seetharampuram

28/07/2022



Chairman.