

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)

9th BoS Meeting of Electrical and Electronics Engineering (EEE)

Date: 24-06-2023

The 9th meeting of Board of Studies (BoS) in Electrical and Electronics Engineering is held on 24th June 2023 (Saturday) at 11:00 A.M in the Department of Electrical and Electronics Engineering, Siddharth Institute of Engineering & Technology, Puttur, Tirupati–Dist.

As per the UGC (University Grant Commission) guidelines, the Choice Based Credit System (CBCS) and electives have been implemented in -the curriculum.

Dr. N. Ramesh Raju , Chairman BoS chaired the meeting and welcomed all the members to the 9th BoS meeting and discussed the following agenda:

Agenda

1. Approval of course structure for IV year UG in Electrical and Electronics Engineering w.e.f., A.Y.2023-24 under R20 Regulation.
2. Approval of syllabus for IV year UG in Electrical and Electronics Engineering w.e.f., A.Y.2023-24 under R20 Regulation.
3. Approval of syllabus for the subjects offered to various branches w.e.f. 2023-24 under R20 Regulation.
4. Approval of Panel of Question Paper setters under R20 Regulation.
5. Approval of Panel of Examiners under R20 Regulation.
6. Any other item with the permission of Chair.

After a brief introduction the agenda items listed above were taken up for discussion and the following resolutions were passed.

Minutes:

Agenda: 1

Approval of course structure for IV year UG in Electrical and Electronics Engineering w.e.f., A.Y.2023-24 under R20 Regulation

Resolution: 1

After detailed discussion the BoS resolved to approve the course structure for IV year UG in Electrical and Electronics Engineering (given in **Annexure –I**) applicable for the A.Y.2023-24 under R20 Regulation

A. Course & Syllabus Comparison

With reference to the R19 regulations, the new regulation (R20) syllabus for III year has the following modifications which are given in the below table.

IV B.Tech

S.no	R19 Regulation	R20 Regulation	% of course content changed
1	Electrical Energy Conservation and Auditing	Electrical Energy Conservation and Auditing	0
2	Utilization of Electrical Energy	Utilization of Electrical Energy	0
3	HVDC Transmission Systems	HVDC Transmission Systems	0
4	Neural Networks and Fuzzy Logic	Neural Networks and Fuzzy Logic	0
5	Internship (60 Hours)	Summer Internship 2 Months (Mandatory) after third year(to be evaluated during VII semester	0
6	Project Phase-I	Project Work	0
7		Managerial Economics and Financial Analysis	100
8		Power Systems Protection	100
9		Digital Control Systems	100
10		Industrial Instrumentation	100
11		Smart Grid	100
12		Power Electronics Applications to Power Systems	100
13		Fire & Safety Engineering	100

14		Introduction to IOT	100
15		Python Programming	100
16		Business Ethics	100
17		Project Planning and Control	100
18		Waste Resource Management	100
19		MATLAB Programming	100
20		Artificial Intelligence & Machine Learning	100
21		Strategic Management	100
22		MATLAB Programming for Electrical Engineering Lab	100
23		Elements of Road Traffic Safety	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
EEE B.Tech IV Year	23	73.913

B. Course Relevance

The courses that comes under the category of Employability, Skill or Entrepreneurship development are Shown in the table below.

S.no	Course Title	Course Code	Relevance
1	Managerial Economics and Financial Analysis	20HS0812	Skill development
2	HVDC Transmission Systems	20EE0231	Employability
3	Power Systems Protection	20EE0232	Employability
4	Digital Control Systems	20EE0233	Employability
5	Utilization of Electrical Energy	20EE0234	Employability
6	Industrial Instrumentation	20EE0235	Employability

6	Industrial Instrumentation	20EE0235	Employability
7	Smart Grid	20EE0236	Employability
8	Electrical Energy Conservation and Auditing	20EE0237	Employability
9	Power Electronics Applications to Power Systems	20EE0238	Employability
10	Neural Networks and Fuzzy Logic	20EE0239	Employability
11	Elements of Road Traffic Safety	20EE0148	Skill development
12	Fire & Safety Engineering	20ME0356	Skill development
13	Introduction to IOT	20EC0453	Employability
14	Python Programming	20CS0511	Employability
15	Business Ethics	20HS0861	Skill development
16	Project Planning and Control	20CE0171	Skill development
17	Waste Resource Management	20ME0357	Employability
18	MATLAB Programming	20EC0454	Employability
19	Artificial Intelligence & Machine Learning	20CS0552	Employability
20	Strategic Management	20HS0862	Employability
21	MATLAB Programming for Electrical Engineering Lab	20EE0240	Employability
22	Summer Internship 2 Months (Mandatory) after third year(to be evaluated during VII semester)	20EE0241	Employability
23	Project Work	20EE0242	Employability

Modifications described above are carried out to the curriculum after discussion in the BOS by Considering the feedback/suggestions from the stake holders viz. student, alumni, faculty and employers

Agenda: 2

Approval of syllabus for IV year UG in Electrical and Electronics Engineering w.e.f., A.Y.2023-24 under R20 Regulation

Resolution: 2

After the thorough discussion, syllabus was framed to make the students acquire the required technical knowledge and skills. The BoS resolved to approve the syllabi framed for the IV year B. Tech. (I & II-Semester) (given in **Annexure-II**) under R20 Regulation

Agenda: 3

Approval of syllabus for the subjects offered to various branches w.e.f. 2023-24 under R20 Regulation

Resolution: 3

After the thorough discussion, syllabus was framed to make the students acquire the required technical knowledge and skills. The BoS resolved to approve the syllabi framed for the subjects offered to various branches w.e.f. 2023-24 under R20 Regulation (given in **Annexure-III**).

Agenda: 4

Approval of Panel of Question Paper setters under R20 Regulation

Resolution: 4

Approved the Panel of Question Paper setters under R20 Regulation (given in **Annexure – IV**) to be submitted to the college academic council for approval.

Agenda: 5







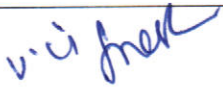
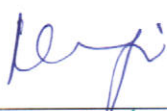
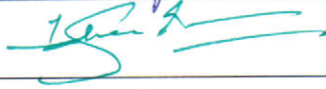
Approval of Panel of Examiners under R20 Regulation

Resolution: 5

Approved the Panel of Examiners prepared for valuation under R20 Regulation (given in **Annexure –V**) to be submitted to the college academic council for approval.

The above items were discussed, debated and the necessary approval was accorded by the BoS. The meeting was concluded with Vote of Thanks proposed by the Chairman-BoS.

Members Present

S.No.	Member Name	Academic/Industry Position	Designation	Signature
1	Dr. N.Ramesh Raju	Professor &HOD (Instrumentation & Control)	Chairman	
2	Dr. J. Gowrishankar	Professor (Power Electronics)	Member	
3	Dr. R Lakshmi	Associate Professor (Power Electronics)	Member	
4	Mr. S. Narasimha Rao	Associate Professor (Power Electronics)	Member	
5	Mr. P. Munisekhar	Associate Professor (Electrical Power Engineering)	Member	
6	Prof. P. Lakshmi	Professor Department of EEE Anna University, Chennai	Member	
7	Dr. Vignesh V	Assistant Professor, Department of EEE IIT, Tirupati,	Member	
8	Prof. R. Kiranmayee	Director Foreign affairs and Alumni matters JNTUA, Anantapuramu	Member	
9	Mr.S V Mahesh Babu	Executive Engineer, AP Transco, Chittoor	Member	
10	Miss K Yamini	Assistant Engineer, AP Transco, Tirupati	Member	