

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)**

9th BoS Meeting of Electronics and Communication Engineering (ECE)

Date: 24/06/2023

The 9th meeting of Board of Studies (BoS) in Electronics and Communication Engineering is held on 24th June, 2023 (Saturday) at 10.00AM in the Department of Electronics and Communication Engineering, Siddharth Institute of Engineering & Technology, Puttur, Tirupati Dt.

Dr. P. Ratna Kamala, Chairman - BoS chaired the meeting and welcomed all the members to the ninth BoS meeting. The following agenda points are discussed:

1. Approval of course structure and syllabi for IV year B.Tech. under R20 Regulation.
2. Approval of Panel of examiners and Question paper setters for IV B.Tech. that comes under R20 Regulation.
3. Any other item with the permission of Chair.

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

Minutes:

Agenda: 1

Approval of course structure and syllabi for IV year B.Tech. under R20 Regulation in ECE w.e.f., 2023-2024.

Resolution: 1

After detailed discussion, the members of BOS resolved to approve the course structure and syllabi for IV year B.Tech. under R20 Regulation (given in **Annexure – I & II respectively**) applicable for the A.Y.2023-2024 with minor suggestions as follows:

- Inclusion of Computer Networks subject as one of the Professional elective instead of Adaptive signal processing in IV year I semester.
- Modify the title of professional elective, 'Wavelets' to 'Wavelet Signal Processing' and include the topics of signal processing using wavelets in IV year I semester.

A. Course & Syllabus Comparison

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

IV B.Tech

S.No	R19 Regulation	R20 Regulation	Percentage of course content changed
1.	Managerial Economics and Financial Analysis	Managerial Economics and Financial Analysis	0
2.	Wireless Communications	Wireless Communications	0
3.		Wavelet Signal Processing	100
4.	Adaptive Signal Processing	Computer Networks	100
5.	High Speed Electronics	High Speed Electronics	0
6.		Satellite Communication	100
7.	Digital Image Processing	Digital Image Processing	20
8.	VLSI Design	VLSI Design	0
9.		Introduction to MEMS	100
10.	Scientific Computing	Scientific computing	100
11.	Elements of Road Traffic Safety	Elements of Road Traffic Safety	0
12.		Electrical Energy Conservation and Auditing	100
13.		Fire & Safety Engineering	100
14.	Python Programming	Python Programming	0
15.	Business Ethics	Business Ethics	0
16.	Project Planning and Control	Project Planning and Control	0
17.	Neural Networks and Fuzzy Logic	Neural Networks and Fuzzy Logic	0
18.		Waste Resource Management	100
19.		Artificial Intelligence & Machine Learning	100
20.	Strategic Management	Strategic Management	0
21.		SCADA Communication	100
22.	Internship (60 Hours)	Summer Internship	0
23.		MOOCS	100

24.	Project Phase-II	Project Work	0
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Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
ECE B.Tech IV Year	24	46.68%

B. Course Relevance

The courses that come under the category of Employability, Skill or Entrepreneurship Development are shown in the table below.

IV B.Tech

S.No	Course Title	Course Code	Relevance
1.	Managerial Economics and Financial Analysis	20HS0812	Entrepreneurship
2.	Wireless Communications	20EC0436	Employability
3.	Wavelet Signal Processing	20EC0437	Employability
4.	Computer Networks	20EC0438	Employability
5.	High Speed Electronics	20EC0439	Employability
6.	Satellite Communication	20EC0440	Employability
7.	Digital Image Processing	20EC0441	Employability
8.	VLSI Design	20EC0442	Employability
9.	Introduction to MEMS	20EC0443	Employability
10.	Scientific computing	20EC0444	Employability
11.	Elements of Road Traffic Safety	20CE0148	Employability
12.	Electrical Energy Conservation and Auditing	20EE0237	Employability
13.	Fire & Safety Engineering	20ME0356	Employability
14.	Python Programming	20CS0511	Employability
15.	Business Ethics	20HS0861	Employability
16.	Project Planning and Control	20CE0171	Employability
17.	Neural Networks and Fuzzy Logic	20EE0239	Employability
18.	Waste Resource Management	20ME0357	Employability

19.	Artificial Intelligence & Machine Learning	20CS0552	Employability
20.	Strategic Management	20HS0862	Employability
21.	SCADA Communication	20EC0458	Skill
22.	Summer Internship	20EC0427	Skill
23.	MOOCS		Employability
24.	Project Work	20EC0428	Employability

Modifications described above are carried out to the curriculum after discussions in the BoS by considering the feedback/suggestions from the stakeholders viz. students, alumni, faculty and employers.

As per the decisions taken in the meeting and considering the suggestions from the suggestions or feedback from the stakeholders for the above modifications in the curriculum.

Agenda: 2


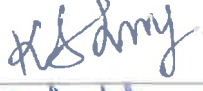







Approval of Panel of examiners and Question paper setters for IV B.Tech. that comes under R20 Regulation.

Resolution: 2

Approved the panel of examiners prepared for valuation and panel of question paper setters (given in **Annexure - III and IV** respectively) under R20 Regulation to be submitted to the college Academic council for approval.

The above items were discussed 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	Designation/Organisation	Role of BOS	Signature
1.	Dr. P. Ratna Kamala	Professor & Head	Chairman	
2.	Dr. P.G.Kuppaswamy	Professor	Member	
3.	Dr.P.G.Gopinath	Professor	Member	
4.	J. Rajanikanth	Associate Professor	Member	
5.	K.D.Mohana Sundaram	Associate Professor	Member	
6.	Dr T. Ramashri	Professor, ECE Sri Venkateswara University College of Engineering, Tirupati.	Member	
7.	Dr R.V.S. Satyanarayana	Professor, ECE Sri Venkateswara University College of Engineering, Tirupati.	Member	
8.	Dr. P. Ramana Reddy	Professor, ECE JNTUA college of Engineering, Ananthapuramu.	Member	
9.	Mr. M. Lakshmi Narayana	Sub-Divisional Engineer, Cellone (O&I), Mobile Service, BSNL.	Member	
10.	Mr V. Prasanth	Software Developer DXC Technologies Chennai.	Member	