

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

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**6<sup>th</sup>BoS Meeting of Electronics and Communication Engineering (ECE)**

Date: 19/01/2021

The 6<sup>th</sup> meeting of Board of Studies (BoS) in Electronics and Communication Engineering is held on 19<sup>th</sup> January, 2021 (Tuesday) at 10.30 AM online through ZOOM.

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

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

1. Approval of course structure and syllabi for I year B.Tech. under R20 Regulation.
2. Approval of panel of examiners and Question paper setters for I 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 I year B.Tech. under R20 Regulation in ECE w.e.f., 2020-2021.

**Resolution: 1**

After detailed discussion, the BOS resolved to approve the course structure and syllabi for I year B.Tech. under R20 Regulation (given in **Annexure –I& II respectively**) applicable for the A.Y.2020-2021.

**A. Course & Syllabus Comparison**

With reference to the R19 regulations, the new regulation (R20) syllabus for I<sup>st</sup> year has the following modifications, which are given in the below table.

**I B.Tech**

S.No	R19 Regulation	R20 Regulation	Percentage of course content changed
1.	Applied Chemistry	Applied Chemistry	20
2.	Algebra and Calculus	Algebra and Calculus	30
3.	Engineering Graphics	Engineering Graphics	0
4.	Applied Chemistry lab	Applied Chemistry Lab	10
5.	Workshop Practice Lab	Workshop Practice Lab	0
6.	Communicative English	Communicative English	0
7.	Differential Equations and Vector Calculus	Differential Equations and Complex Analysis	40
8.	Semiconductor Physics	Applied Physics	20
9.	Basic Electrical Engineering	Electrical Technology	0
10.	Communicative English Lab	Communicative English Lab	0
11.	Semiconductor Physics Lab	Applied Physics Lab	0
12.		Principles of Electrical Circuits	100
13.		C Programming and Data Structures	100

14.		Fundamentals of Digital Computing Systems	100
15.		C Programming and Data Structures Lab	100
16.		Electrical Technology Lab	100
17.		Indian Constitution	100

#### Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
ECE B.Tech IYear	17	42.35

#### B. Course Relevance

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

Sno	Course Title	Course Code	Relevance
1.	Communicative English	20HS0810	Skill Development
2.	C Programming and Data Structures Lab	20CS0502	Skill Development
3.	Communicative English Lab	20HS0811	Skill Development
4.	C Programming and Data Structures	20CS0501	Skill Development
5.	Fundamentals of Digital Computing Systems	20EC0401	Employability
6.	Electrical Technology	20EE0254	Employability
7.	Fundamentals of Electrical Circuits	20EE0253	Employability
8.	Electrical Technology Lab	20EE0255	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.

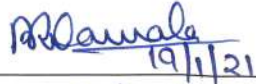

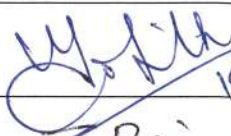
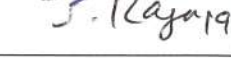






#### **Agenda:2**

Approval of Panel of examiners and Question paper setters for various regulations under UG.

#### **Resolution:2**

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

## Members Present

S. No.	Member Name	Designation/Organisation	Role of BOS	Signature
1.	Dr. P. Ratna Kamala	Professor & HOD	Chairman	 19/1/21
2.	Dr. P.G.Kuppaswamy	Professor (Signal Processing)	Member	 19/01/2021
3.	Dr.P.G.Gopinath	Professor (VLSI)	Member	 19/01/2021
4.	J. Rajanikanth	Associate Professor (DECS)	Member	 J. Raja 19/1/2021
5.	P.Pavan Kumar	Assistant Professor (Embedded Systems)	Member	 19/1/2021
6.	Dr T. Ramashri	Professor Sri Venkateswara University College of Engineering,	Member	 19/1/2021
7.	Dr. K.P. Naveen	Assistant Professor, IIT Tirupathi	Member	
8.	Dr R.V.S. Satyanarayana	Professor, Sri Venkateswara University College of Engineering,	Member	
9.	Mr. M. Lakshmi Narayana	Junior Telecom Officer, BSNL OFC Transmission maintenance	Member	
10.	Mr V. Prasanth	Software Developer DXC Technologies Chennai.	Member	 19/1/21