

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)

6th BoS Meeting of Electrical and Electronics Engineering (EEE)

Date: 19/01/2021

The 6th meeting of Board of Studies (BoS) in Electrical and Electronics Engineering is held on 19th 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. N. Ramesh Raju, Chairman - BoS chaired the meeting and welcomed all the members to the sixth BoS meeting and discussed the following agenda:

Agenda:

1. To discuss and frame the syllabi for I year B.Tech. under R20 Regulation.
2. To prepare panel of examiners and paper setters for I B.Tech that comes under R20.
3. Any other item.

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

To discuss and frame the syllabi for I year B.Tech. under R20 Regulation.

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 from the A.Y.2020-2021.

A. Course & Syllabus Comparison

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

I B.Tech

S.no	R19 Regulation	R20 Regulation	% of course content changed
1	Applied Chemistry	Applied Chemistry	5
2	Algebra and Calculus	Algebra and Calculus	30
3	Communicative English	Communicative English	0
4	Thermal and Fluid Engineering	Thermal and Fluid Engineering	20
5	Applied Chemistry Lab	Applied Chemistry Lab	0
6	Communicative English Lab	Communicative English Lab	0
7	Workshop Practice Lab	Workshop practice Lab	0
8	Applied Physics	Applied Physics	30
9	Differential Equations and vector Calculus	Differential Equations and Complex Analysis	30
10	Engineering Graphics	Engineering Graphics	0
11	Electrical circuits - I	Fundamentals of Electrical Circuits	60
12	Applied Physics Lab	Applied Physics Lab	0
13	Indian Constitution	Indian Constitution	0
14	Electronic Devices and Circuits	Electronic Devices and Circuits	0
15		Thermal and Fluid Engineering Lab	100
16		C Programming and Data Structures	100
17		C Programming and Data Structures Lab	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
EEE B.Tech I Year	17	27.94

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	C Programming and Data Structures	20CS0501	Skill development
2	Fundamentals of Electrical Circuits	20EE0201	Employability

3	Electronic Devices and Circuits	20EC0402	Employability
4	Communicative English	20HS0810	Skill development
5	Thermal and Fluid Engineering	20ME0353	Skill development
6	Engineering Graphics	20ME0301	Employability
7	Thermal and Fluid Engineering Lab	20ME0354	Skill development
8	C Programming and Data Structures Lab	20CS0502	Skill development
9	workshop practice lab	20ME0302	Employability
10	Indian constitution	20HS0816	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

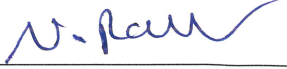




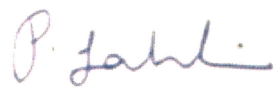
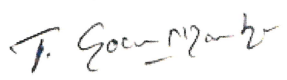
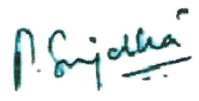

To prepare panel of examiners and paper setters for I B.Tech. that comes under R20

Resolution: 2

Approved the panel of examiners prepared for valuation and panel of question paper setters (given in Annexure–III respectively) 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	Prof. P.Chandra Sekhar	Professor (Power Systems)	Member	
3	Mr.S.Muni Sekhar	Associate Professor (Power Electronics)	Member	
4	Mr.T.Madhurantaka	Associate Professor (Power Electronics)	Member	
5	Mrs R Lakshmi	Associate Professor (Power Systems)	Member	
6	Dr. P. Lakshmi	Professor Department of EEE Anna University, Chennai	Member	
7	Dr T Gouri Manohar	Professor Department of EEE, S V University, Tirupati	Member	
8	Dr. P Sujatha	Professor Department of EEE, JNTUA, Anantapuramu	Member	
9	Mr.S V Mahesh Babu	Assistant Divisional Engineer, AP Transco, Chittoor	Member	
10	Miss K Yamini	Assistant Engineer, AP Transco, Chittoor	Member	