

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

10th BoS Meeting of Electronics and Communication Engineering (ECE)

Date: 30/12/2023

The 10th meeting of Board of Studies (BoS) in Electronics and Communication Engineering is held on 30th December, 2023 (Saturday) at 11.00AM online through ZOOM platform.

As per UGC (University Grant Commission) guidelines, the Choice Based Credit System (CBCS) and elective have been implemented in the curriculum. Dr. P. Ratna Kamala, Chairman - BoS chaired the meeting and welcomed all the members to the tenth BoS meeting. The following agenda points are discussed:

Agenda

1. Approval of the Course Structure for I year B.Tech. under R23 Regulation.
2. Approval of the syllabus for the Electronics part of the subject Basic Electrical and Electronics Engineering and Basic Electrical & Electronics Engineering Workshop
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

Approval of course structure for I year B.Tech. under R23 Regulation in ECE w.e.f., 2023-2024.

Resolution: 1

After detailed discussion, the members of BOS resolved to approve the course structure for I year B.Tech. under R23 Regulation (given in **Annexure – I & II respectively**) applicable for the A.Y.2023-2024.

A. Course & Syllabus Comparison

With reference to the R20 regulations, the new regulation (R23) syllabus for II year has the following modifications which are given in the below table.

I B.Tech

S.No	R20 Regulation	R23 Regulation	Percentage of course content changed
1.	Applied Physics	Engineering Physics	60
2.	Algebra and Calculus	Linear Algebra & Calculus	100
3.		Basic Electrical & Electronics Engineering	60
4.	Engineering Graphics	Engineering Graphics	20
5.	C Programming and Data Structures	Introduction to Programming	40
6.		IT Workshop	100
7.	Applied Physics Lab	Engineering Physics Lab	50
8.		Electrical & Electronics Engineering Workshop	100
9.	C Programming and Data Structures Lab	Computer Programming Lab	0
10.		NSS/NCC/Scouts & Guides/Community Service	100
11.	Communicative English	Communicative English	0
12.	Applied Chemistry	Chemistry	20
13.	Differential Equations and Complex Analysis	Differential Equations & Vector Calculus	40
14.		Basic Civil & Mechanical Engineering	100
15.	Principles of Electrical Circuits	Network Analysis	40
16.	Communicative English Lab	Communicative English Lab	0
17.	Applied Chemistry Lab	Chemistry Lab	100
18.	Workshop Practice Lab	Engineering Workshop	100
19.		Network Analysis Lab	100
20.		Health and wellness, Yoga and Sports	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
ECE B.Tech I Year	20	61.50%

B. Course Relevance

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

I B.Tech

S.No	Course Title	Course Code	Relevance
1.	Engineering Physics	23HS0840	Skill Development
2.	Linear Algebra & Calculus	23HS0830	Skill Development
3.	Basic Electrical & Electronics Engineering	23EE0201	Skill Development
4.	Engineering Graphics	23ME0302	Skill Development
5.	Introduction to Programming	23CS0501	Skill Development
6.	IT Workshop	23CS0503	Skill Development
7.	Engineering Physics Lab	23HS0841	Skill Development
8.	Electrical & Electronics Engineering Workshop	23EE0202	Skill Development
9.	Computer Programming Lab	23CS0502	Skill Development
10.	NSS/NCC/Scouts & Guides/Community Service	23HS0812	Employability
11.	Communicative English	23HS0810	Skill Development
12.	Chemistry	23HS0801	Skill Development
13.	Differential Equations & Vector Calculus	23HS0831	Skill Development
14.	Basic Civil & Mechanical Engineering	23CE0101	Skill Development
15.	Network Analysis	23EE0205	Skill Development
16.	Communicative English Lab	23HS0811	Skill Development
17.	Chemistry Lab	23HS0802	Skill Development
18.	Engineering Workshop	23ME0301	Skill Development
19.	Network Analysis Lab	23EE0206	Skill Development
20.	Health and wellness, Yoga and Sports	23HS0813	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 the syllabus for the Electronics part of the subject Basic Electrical and Electronics Engineering and Basic Electrical & Electronics Engineering Workshop for I year B.Tech. under R23 Regulation in ECE w.e.f., 2023-2024.



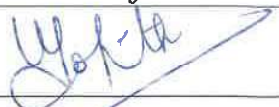

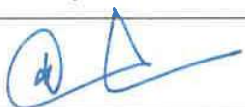




Resolution: 2

After detailed discussion, the members of BOS resolved to approve the syllabus for the electronics part of the subject Basic Electrical and Electronics Engineering and Basic Electrical & Electronics Engineering Workshop with minor suggestion as follows.

- Suggested that the experiment named “**Plot Input & Output characteristics of BJT in CE and CB configurations**” can be conducted as two experiments.

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/Organization	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	