



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

**(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapur),
(Accredited by NBA & NAAC with "A" Grade)**

**Siddharth Nagar, Narayanavanam Road, Puttur -517583, Chittoor Dist., A.P, India
Department of Computer Science and Engineering**

Minutes of 8th BoS Meeting of Computer Science and Engineering (CSE)

Date: 14/03/2022

The 8th meeting of Board of Studies (BoS) in Computer Science and Engineering is held on **14th March, 2022 (Monday) at 10.00 AM** in the Department of Computer Science and Engineering, Siddharth Institute of Engineering & Technology, Puttur, Chittoor –Dist through Zoom online because of Covid Pandemic situation.

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

Dr. B.Geethavani, Chairman - BoS chaired the meeting and welcomed all the members to the Seventh BoS meeting and discussed about the following agenda:

1. To discuss and frame the Course structure and syllabus for **IV year B.Tech.CSE(Computer Science and Engineering)** under R19 Regulation.
2. To discuss and frame the Course structure and syllabus for **III year B.Tech CSE(Computer Science and Engineering)** under R20 Regulation.
3. To discuss and frame the Course structure and syllabus for **III year B.Tech CSE(Artificial Intelligence and Machine Learning)** under R20 Regulation.
4. To discuss and frame the Course structure and syllabus for **III year B.Tech CSE(Internet of things and Cyber security including Block chain Technology)** under R20 Regulation.
5. To discuss and frame the Course structure and syllabus for **II year B.Tech CSE(Artificial Intelligence and Data Science)** under R20 Regulation.
6. To discuss and frame the Course structure and syllabus for **II year B.Tech CSE With Specialisation in Cloud Computing** under R20 Regulation.
7. To approve panel of examiners and paper setters for **II, III, & IV B.Tech.** that come under R20 & R19 respectively.
8. Any other item.

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

Minutes:

Agenda: 1

Approval of Course Structure and syllabi for IV year B.Tech. CSE under R19 Regulation.

Resolution: 1

After detailed discussion the BOS resolved to approve the R19 Regulation, Course Structure and syllabi for IV year B.Tech CSE (given in **Annexure –I**).

A. Course & Syllabus Comparison

With reference to the R18 regulations, the new regulation (R19) syllabus for IV year has the following modifications, which are given in the below table.

IV B.Tech

S.No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	Management Science		-
2	Mobile Application Development	Mobile Application Development	0
3	Artificial Intelligence & Machine Learning		-
4	Cloud Computing	Cloud Computing	80
5	Information Retrieval System		-
6	Big Data Analytics		-
7	Human Computer Interaction	Human Computer Interaction	0
8	Information Security		-
9	Data Science	Data Science	0
10	Cyber Security	Cyber Security	0
11	Soft Computing	Soft Computing	0
12	Project Planning and Control		-
13	Solar Photovoltaic Systems		-
14	Computer Aided Process Planning		-
15	MATLAB Programming		-

16	Entrepreneurship Development	Entrepreneurship Development	0
17	Mobile Application Development LAB		-
18	Machine Learning LAB		-
19	Project Phase-I	Project Phase-I	0
20	MOOC-I	MOOC	0
21	MOOC-II		-
22	Project Phase-II	Project Phase-II	0
23	Comprehensive Viva Voce	Comprehensive Viva Voce	0
24		Deep Learning	100
25		Software Project Management	100
26		Information Retrieval Systems	100
27		Information Security	100
28		Adhoc Wireless Networks	100
29		Internship (60 hours)	100
30		Seminar	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE B.Tech IV Year	18	43.3

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	Entrepreneurship Development	19HS0815	Entrepreneurship
2	Cloud Computing	19CS0529	Employability
3	Cyber Security	19CS0530	Employability
4	Deep Learning	19CS0536	Employability
5	Software Project Management	19CS0537	Employability

6	Information Retrieval Systems	19CS0538	Employability
7	Human Computer Interaction	19CS0539	Employability
8	Information Security	19CS0540	Employability
9	Mobile Application Development	19CS0541	Employability
10	Data Science	19CS0542	Employability
11	Adhoc Wireless Networks	19CS0543	Employability
12	Soft Computing	19CS0544	Employability
13	Internship (60 hours)	19CS0531	Skill Development
14	Project Phase-I	19CS0532	Skill Development
15	MOOC	-	Skill Development
16	Seminar	19CS0533	Skill Development
17	Comprehensive Viva Voce	19CS0534	Skill Development
18	Project Phase-II	19CS0535	Skill Development

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 Course Structure and syllabi for III year B.Tech. CSE under R20 Regulation

Resolution: 2

After detailed discussion the BOS resolved to approve the R20 Regulation, Course Structure and syllabi for III year B.Tech CSE (given in **Annexure –II**).

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.

III B.Tech

S.No	R19 Regulation	R20 Regulation	Percentage of course content changed
1	Compiler Design	Compiler Design	0
2	Design and Analysis of Algorithms	Design and Analysis of Algorithms	0
3	Data Warehousing and Data Mining	Data Warehousing and Data Mining	0
4	Software Engineering	Software Engineering	0
5	Elements of Road Traffic Safety		-
6	Solar Photovoltaic Systems		-

7	Non-Conventional Energy Resources	Non- Conventional Energy Resources	40
8	Introduction to IOT		-
9	Business Ethics		-
10	Analysis of Algorithms Lab	Design and Analysis of Algorithms Lab	0
11	Data Mining Lab	Data Warehousing and Data Mining Lab	0
12	Linux Programming Lab		-
13	Human Values & Professional Ethics		-
14	Artificial Intelligence & Machine Learning	Artificial Intelligence	100
15	Big Data Analytics		-
16	Computer Networks		-
17	Web Technologies	Web Technologies	0
18	Project Planning and Control		-
19	Neural Networks & Fuzzy Logic		-
20	Computer Aided Process Planning		-
21	MAT LAB Programming		-
22	Strategic Management		-
23	Machine Learning Lab	Virtual Lab (Machine Learning Lab)	0
24	Big Data Analytics Lab		-
25	Web Technologies Lab	Web Technologies Lab	0
26	English for Corporate Communication Skills Lab	English for Corporate Communication Skills Lab	0
27		Fundamentals Of Civil Engineering	100
28		Generation of Energy from Waste	100
29		Introduction to Communication Systems	100
30		Management Science	100
31		Soft Computing	100
32		E-commerce	100
33		Cyber Security	100
34		Object Oriented Analysis and Design lab	100

35		App Design for Android	100
36		Essence of Indian Traditional Knowledge	100
37		Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)	100
38		Human Computer Interaction	100
39		Machine Learning	100
40		Real Time Systems	100
41		Fundamentals Of Urban Planning	100
42		Industrial Instrumentation	100
43		General Mechanical Engineering	100
44		Elements of Embedded Systems	100
45		Intellectual Property Rights	100
46		Environmental Science	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE B.Tech III Year	32	66.8

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	Compiler Design	20CS0516	Employability
2	Data Warehousing and Data Mining	20CS0517	Employability
3	Software Engineering	20CS0518	Employability
4	Fundamentals Of Civil Engineering	20CE0170	Skill Development
5	Generation of Energy from Waste	20EE0227	Skill Development
6	Non- Conventional Energy Resources	20ME0322	Skill Development
7	Introduction to Communication Systems	20EC0451	Skill Development
8	Management Science	20HS0813	Skill Development

9	Soft Computing	20CS0531	Employability
10	E-commerce	20CS0532	Employability
11	Cyber Security	20CS0533	Employability
12	Object Oriented Analysis and Design lab	20CS0519	Employability
13	Data Warehousing and Data Mining Lab	20CS0520	Employability
14	App Design for Android	20CS0548	Skill Development
15	Essence of Indian Traditional Knowledge	20HS0817	Skill Development
16	Summer Internship 2 Months (Mandatory) after second year (to be evaluated during V semester)	20CS0521	Skill Development
17	Artificial Intelligence	20CS0522	Employability
18	Design and Analysis of Algorithms	20CS0523	Employability
19	Web Technologies	20CS0524	Employability
20	Human Computer Interaction	20CS0534	Employability
21	Machine Learning	20CS0535	Employability
22	Real Time Systems	20CS0536	Employability
23	Fundamentals Of Urban Planning	20CE0147	Skill Development
24	Industrial Instrumentation	20EE0235	Skill Development
25	General Mechanical Engineering	20ME0354	Skill Development
26	Elements of Embedded Systems	20EC0452	Skill Development
27	Intellectual Property Rights	20HS0814	Skill Development
28	Design and Analysis of Algorithms Lab	20CS0525	Employability
29	Web Technologies Lab	20CS0526	Employability
30	Virtual Lab (Machine Learning Lab)	20CS0527	Employability
31	English for Corporate Communication Skills Lab	20HS0859	Skill Development
32	Environmental Science	20HS0801	Skill Development

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: 3

Approval of Course Structure and syllabi for III year B.Tech CSE(Artificial Intelligence and Machine Learning) under R20 Regulation.

Resolution: 3

After detailed discussion the BOS resolved to approve the R20 Regulation, Course Structure and syllabi for III year B.Tech CSE(Artificial Intelligence and Machine Learning) (given in **Annexure –III**)

Agenda: 4

Approval of Course Structure and Syllabi for III year B.Tech CSE(Internet of things and Cyber security including Block chain Technology) under R20 Regulation.

Resolution: 4

After detailed discussion the BOS resolved to approve the R20 Regulation, Course Structure and Syllabi for III year B.Tech CSE(Internet of things and Cyber security including Block chain Technology) (given in **Annexure –IV**)

Agenda: 5

Approval of Course Structure and Syllabi for II year B.Tech CSE(Artificial Intelligence and Data Science) under R20 Regulation

Resolution: 5

After detailed discussion the BOS resolved to approve the R20 Regulation, Course Structure Syllabi for II year B.Tech CSE(Artificial Intelligence and Data Science) (given in **Annexure-V**)

Agenda: 6

Approval of Course Structure and Syllabi for II year B.Tech CSE With Specialisation in Cloud Computing under R20 Regulation.

Resolution: 6

After detailed discussion the BOS resolved to approve the R20 Regulation, Course Structure and Syllabi for II year B.Tech CSE With Specialisation in Cloud Computing (given in **Annexure–VI**)

Agenda: 7



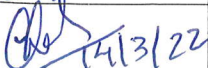
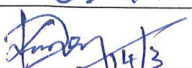
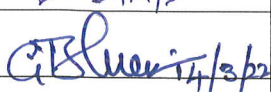



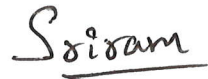
Approval of panel of examiners and paper setters for II, III & IV B.Tech. that come under R20 & R19 Regulations respectively

Resolution: 7

Approved the panel of examiners and paper setters for II, III & IV B.Tech. that come under R20 & R19 Regulations respectively (given in Annexure –**VII**) 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	Designation/ Organization	Role of BoS	Signature
1	Dr. B. Geetha Vani	Professor & HOD	Chairman	
2	Dr.S. Tamil selvan	Professor	Member	
3	Dr. P.M.S.S. Chandu	Professor	Member	
4	Mr.R.G.Kumar	Associate Professor	Member	
5	Mrs. G.Bhuvaneswari	Assistant Professor	Member	
6	Dr. S. Jyothi	Professor, Dept. of Computer Science, Sri Padmavathi Mahila Visvavidyalayam, Tirupati-517502. AP, India. Ph: 94405 82187 Email: jyothi.spmvv@gmail.com	Member	
7	Dr. S. Ramakrishna	Professor, Department of Computer Science, SVU, Tirupati. Contact No. 9441495972, Email: drsramakrishna@yahoo.com	Member	
8	Prof. P. Viswanath	Professor, Indian Institute of Information Technology, Sri City, Chittoor Dist., Andhra Pradesh. Contact No. 7337324906, Email: viswanath.p@iiits.in , viswanath.pulabaigari@gmail.com	Member	
9	Mr. D. Sriramdeshpande	Senior Project Engineer, Smart Enovation India Limited, Bangalore, Karnataka. Contact No. 8861345177, 9960506473 Email: sriram.d@smartenovations.com ; sriramdeshpande@gmail.com	Member	
10	Mr.C.Srikanth	Assistant Manager, Bank of Baroda, Chennai Contact N0. 9177728557 Email: srikanth.c87@gmail.com	Member	ABSENT