

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

4th BoS Meeting of Computer Science and Engineering (CSE)

Date: 14/08/2019

The 4th meeting of Board of Studies (BoS) in Computer Science and Engineering is held on 14th August, 2019 (Wednesday) at 2.00PM in the Department of Computer Science and Engineering, Siddharth Institute of Engineering & Technology, Puttur, Chittoor –Dist.

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 fourth BoS meeting and discussed the following agenda:

1. Approval of course structure for I year UG& PG in CSE w.e.f., 2019-2020.
2. Approval of syllabi for I year UG& PG in CSE w.e.f., 2019-2020.
3. Approval of syllabus for the subject offered to other branches w.e.f., 2019-2020.
4. Approval of Panel of Question Paper setters.
5. Approval of Panel of Examiners.
6. 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 for I year UG & PG in CSE w.e.f., 2019-2020.

Resolution: 1

After detailed discussion the BOS resolved to approve the course structure for I year UG & PG (given in **Annexure –I**) applicable from the A.Y.2019-2020.

Agenda: 2

Approval of syllabus for I year UG & PG in CSE w.e.f., 2019-2020.

Resolution: 2

After the thorough discussion syllabus was framed to make the students acquire the required technical knowledge and skills. The BOS resolved to approve the syllabi framed for the I Year B.Tech.I & II-Semesters and I Year M.Tech. I & II-Semesters (given in **Annexure-II**).

A. Course & Syllabus Comparison

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

I B.Tech

S.No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	Mathematics-I	Algebra and Calculus	70
2	Chemistry	Applied Chemistry	100
3	Engineering Graphics & Design	Engineering Graphics	10
4	English	Communicative English	100
5	Chemistry Lab	Applied Chemistry Lab	90

6	English Lab	Communicative English Lab	80
7	Workshop Practices Lab	Workshop Practices Lab	27
8	Mathematics-II		0
9	Semi-Conductor Physics	Semiconductor Physics	35
10	Programming for Problem Solving		0
11	Digital Logic Design	Digital Logic Design	0
12	Basic Electrical Engineering	Basic Electrical & Electronics Engineering	90
13	Programming for Problem Solving Lab		0
14	Physics Lab	Semiconductor Physics Lab	25
15	Essence of Indian Traditional Knowledge	Essence of Indian Traditional Knowledge	0
16		Python Programming	100
17		Python Programming Lab	100
18		Probability & Statistics	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE B.Tech I Year	18	61.8

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	Engineering Graphics	19ME0302	Skill Development
2	Python Programming	19CS0501	Employability
3	Python Programming Lab	19CS0502	Skill Development
4	Workshop Practices Lab	19ME0301	Skill Development
5	Communicative English	19HS0810	Employability
6	Basic Electrical & Electronics Engineering	19EE0240	Employability

7	Digital Logic Design	19CS0503	Skill Development
8	Communicative English Lab	19HS0811	Skill Development
9	Essence of Indian Traditional Knowledge	19HS0817	Employability

A. Course & Syllabus Comparison

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

I M.Tech

S No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	Mathematical Foundations of Computer Science	Discrete Mathematics and Applications	0
2	Advanced Data Structures	Advanced Data Structures	0
3	Machine Learning	Machine Learning	0
4	Wireless Sensor Networks	Wireless Sensor Networks	0
5	Introduction to Intelligent Systems	Introduction to Intelligent Systems	0
6	Data Science	Data Science	0
7	Distributed Systems	Distributed Systems	0
8	Advanced Wireless and Mobile Networks	Advanced Wireless and Mobile Networks	0
9	Research Methodology and IPR	Research Methodology and IPR	0
10	Advanced Data Structures Lab	Advanced Data Structures Lab	0
11	English for Research Paper Writing	English for Research Paper Writing	0
12	Disaster Management		0
13	Sanskrit for Technical Knowledge		0
14	Value Education		0
15	Advance Algorithms	Advanced Algorithms	0
16	Soft Computing	Soft Computing	0

17	Data Preparation and Analysis	Data Preparation and Analysis	0
18	Secure Software Design & Enterprise Computing Computer Vision	Secure Software Design & Enterprise Computing	0
19	Computer Vision	Computer Vision	0
20	Human and Computer Interaction	Human and Computer Interaction	0
21	GPU Computing	GPU Computing	100
22	Digital Forensics	Digital Forensics	0
23	Advance Algorithms Lab	Advanced Algorithms Lab	0
24	Soft Computing Lab	Soft Computing Lab	0
25	Mini Project with Seminar	Mini Project	0
26	Constitution of India	Constitution of India	0
27	Pedagogy Studies		0
28	Stress Management by Yoga		0
29	Personality Development through Life Enlightenment Skills.		0
30		Machine Learning Lab	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE M.Tech I Year	30	8.3

B. Course Relevance

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

Sno	Course Title	Course Code	Relevance
1	Research Methodology and IPR	19HS0823	Skill Development
2	Advanced Data Structures	19CS5001	Employability
3	Machine Learning	19CS5010	Employability
4	Wireless Sensor Networks	19CS5011	Employability
5	Introduction to Intelligent Systems	19CS5012	Employability
6	Data Science	19CS5013	Employability
7	Distributed Systems	19CS5014	Employability
8	Advanced Wireless and Mobile Networks	19CS5015	Employability
9	Advanced Data Structures Lab	19CS5002	Skill Development
10	Machine Learning Lab	19CS5016	Skill Development
11	English for Research Paper Writing	19HS0818	Skill Development
12	Advanced Algorithms	19CS5003	Employability
13	Soft Computing	19CS5004	Employability
14	Data Preparation and Analysis	19CS5017	Employability
15	Secure Software Design & Enterprise Computing	19CS5018	Employability
16	Computer Vision	19CS5019	Employability
17	Human and Computer Interaction	19CS5020	Employability
18	GPU Computing	19CS5021	Employability
19	Digital Forensics	19CS5022	Employability
20	Advanced Algorithms Lab	19CS5005	Skill Development
21	Soft Computing Lab	19CS5006	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 syllabus for the subject offered to other branches w.e.f. 2019-20.

Resolution: 3

After the thorough discussion BOS resolved to approve the subject offered to other branches (given in **Annexure-III**) and is applicable from the A.Y., 2019-20.

Agenda: 4

Approval of Panel of question paper setters

Resolution: 4

Approved the panel of question paper setting (given in **Annexure –IV**) to be submitted to the college academic council for approval.

Agenda: 5

Approval of Panel of examiners

Resolution: 5

Approved the panel of examiners for valuation (given in **Annexure –V**) 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. B. GeethaVani	Professor & HOD	Chairman	B. Geetha
2	Dr. S. HrushikesavaRaju	Professor	Member	S. HrushikesavaRaju
3	Dr. P.Kavitha Rani	Professor	Member	P. Kavitha Rani
4	Mr. SaiyedFaiyazWaris	Associate Professor	Member	SaiyedFaiyazWaris
5	Mr. R. G. Kumar	Assistant Professor	Member	R. G. Kumar
6	Dr. S. Jyothi	Professor, Dept. of Computer Science, Sri PadmavathiMahilaVisvavidyalayam, Tirupati-517502. AP, India. Ph: 94405 82187 Email: jyothi.spmvv@gmail.com	Member	S. Jyothi
7	Dr. S. Ramakrishna	Professor, Department of Computer Science, SVU, Tirupati. Contact No. 9441495972, Email: drsramakrishna@yahoo.com	Member	S. Ramakrishna
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	ABSENT
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	ABSENT
10	Mr.C.Srikanth	Assistant Manager, Bank of Baroda, Chennai Contact NO. 9177728557 Email: srikanth.c87@gmail.com	Member	C. Srikanth