SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)

1st BoS Meeting of Computer Science and Engineering (CSE)

Date: 08/07/2016

The 1st meeting of Board of Studies (BoS) in Computer Science and Engineering is held on 08th July 2016 at 01.30PM 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.

Prof.P. Nirupama, Chairman - BoS chaired the meeting and welcomed all the members to the first BoS meeting and discussed about the following agenda:

Agenda:

1. Approval of course structure for UG & PG in CSE w.e.f., 2016-17.
2. Approval of syllabi for I & II year UG & PG in CSE w.e.f., 2016-17.
3. Approval of syllabi for the subjects offered to other branches w.e.f., 2016-17.
4. Approval of Panel of Question Paper setters.
5. Approval of Panel of Examiners.
6. 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 UG & PG in CSE w.e.f., 2016-17.

Resolution: 1

After the detailed discussion the course structure for UG & PG in CSE is approved (given in **Annexure –I**) and is applicable from the A.Y., 2016-17.

Agenda: 2

Approval of syllabi for I & II year UG & PG in CSE w.e.f., 2016-17

Resolution: 2

After the thorough discussion syllabi was framed to make the students acquire the required technical knowledge and skills. The syllabi framed for the I & II year of UG & PG in CSE (given in **Annexure –II**) and is applicable from the A.Y., 2016-17.

A. Course & Syllabus Comparison

With reference to the R15 regulations, the new regulation (R16) syllabus for I year and II year has the following modifications, which are given in the below table.

I and II B.Tech

S.No	R15 Regulation	R16 Regulation	Percentage of course content changed
1	Functional English	Functional English	20
2	Mathematics – I	Engineering Mathematics- I	0
3	Computer Programming	Computer Programming	20
4	Engineering Physics	Engineering Physics	10
5	Engineering Drawing	Engineering Graphics	0
6	English Language Communication Skills Lab	English Language and Communication Skills Lab	80
7	Engineering Physics Lab	Engineering Physics Lab	0
8	Computer Programming Lab	Computer Programming Lab	20

9	English for Professional Communication	Professional English	0
10	Mathematics – II	Engineering Mathematics-II	40
11	Data Structures	Data Structures through C	15
12	Engineering Chemistry	Engineering Chemistry	42
13	Environmental Studies	Environmental Studies	30
14	Data Structures Lab	Data Structures through C Lab	15
15	Engineering Chemistry Lab	Engineering Chemistry Lab	0
16	Engineering & IT Workshop	Engineering & IT Workshop Lab	0
17	Mathematics III	Engineering Mathematics-III	60
18	Database Management Systems	Database Management Systems	0
19	Discrete Mathematics	Mathematical Foundations of Computer Science	80
20	Basic Electrical and Electronics Engineering	Basic Electrical and Electronics Engineering	0
21	Digital Logic Design	Digital Logic Design	6
22	Managerial Economics and Financial Analysis		0
23	Database Management Systems Laboratory	Database Management Systems Lab	0
24	Basic Electrical and Electronics Laboratory	Basic Electrical and Electronics Engineering Lab	0
25	Probability and Statistics	Probability & Statistics	60
26	Software Engineering		0
27	Computer Organization	Computer Organization	34
28	Microprocessors & Interfacing		0
29	Object Oriented Programming using Java	Object Oriented Programming	60
30	Formal Languages and Automata Theory		0
31	Microprocessors & Interfacing Laboratory		0
32	Java Programming Laboratory	Object Oriented Programming Lab	100

33	Comprehensive Online Examination-I	Comprehensive Online Examination-I	0
34		Comprehensive Soft Skills-I	100
35		Human Values & Professional Ethics	100
36		Advanced Data Structures through C++	100
37		Advanced Data Structures through C++ Lab	100
38		Ethical Hacking	100
39		Operating Systems	100
40		Operating Systems Lab	100
41		Comprehensive Online Examination-II	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE B.Tech I and II Year	**41**	**41.44**

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	Functional English	16HS601	Skill Development
2	Computer Programming	16CS501	Employability
3	Engineering Graphics	16ME302	Skill Development
4	English Language and Communication Skills Lab	16HS607	Skill Development
5	Computer Programming Lab	16CS502	Skill Development
6	Professional English	16HS610	Skill Development
7	Human Values & Professional Ethics	16HS606	Employability
8	Data Structures through C	16CS503	Employability
9	Data Structures through C Lab	16CS504	Skill Development
10	Engineering & IT Workshop Lab	16ME301	Skill Development
11	Environmental Studies	16HS605	Employability

12	Advanced Data Structures through C++	16CS505	Employability
13	Digital Logic Design	16CS506	Employability
14	Basic Electrical and Electronics Engineering	16EE207	Skill Development
15	Advanced Data Structures through C++ Lab	16CS508	Skill Development
16	Basic Electrical and Electronics Engineering Lab	16EE208	Skill Development
17	Ethical Hacking	16CS538	Employability
18	Object Oriented Programming	16CS509	Employability
19	Computer Organization	16CS510	Employability
20	Database Management Systems	16CS511	Employability
21	Operating Systems	16CS512	Employability
22	Object Oriented Programming Lab	16CS513	Skill Development
23	Database Management Systems Lab	16CS514	Skill Development
24	Operating Systems Lab	16CS515	Skill Development

A. Course & Syllabus Comparison

With reference to the R09 regulations, the new regulation (R16) syllabus for I and II year has the following modifications, which are given in the below table.

I and II M.Tech

S.No	R09 Regulation	R16 Regulation	Percentage of course content changed
1	Advanced Data Structures and Algorithms	Advanced Data structures and Algorithms	0
2	Discrete Structures		0
3	Computer System Design		0
4	Java and Web Technologies	Java & Web Technologies	0
5	Software Engineering	Object Oriented Software Engineering	100
6	Advances in Databases	Advances in Databases (PE-I)	50
7	Distributed Databases		0
8	Computer Vision	Computer Vision (PE-I)	100
9	Software Lab- 1 (Covering the experiments: Data structures & Algorithms and Web Technologies)	Software Lab- 1	50
10	Software Quality Assurance and Testing		0

11	Object Oriented Analysis and Design	Object Oriented Analysis and Design	0
12	Advanced Computer Networks	Advanced Computer Networks	7
13	Distributed Systems		0
14	Data Warehousing and Mining		0
15	Software Architecture	Software Architecture and Design Patterns	100
16	Software Design		0
17	Design Patterns		0
18	Software Lab- 2 (Covering the experiments: OOAD & Data Warehousing and Mining)	Software Lab- 2	100
19		Programming in Python	100
20		Cyber Crime Investigations and Digital Forensics	100
21		Advanced Operating Systems (PE-I)	100
22		Cloud Computing	100
23		Data Analytics	100
24		Machine Learning (PE-II)	100
25		Distributed Systems (PE-II)	100
26		Image Processing and Pattern Recognition (PE-II)	100
27	Seminar	Seminar	0
28	Project work	Project Work	0

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
CSE M.Tech I and II Year	**28**	**72.61**

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	Object Oriented Software Engineering	16CS5801	Employability
2	Advanced Computer Networks	16CS5802	Employability
3	Programming in Python	16CS5803	Employability
4	Advanced Data structures and Algorithms	16CS5804	Employability
5	Cyber Crime Investigations and Digital Forensics	16CS5805	Employability
6	Advances in Databases	16CS5806	Employability
7	Advanced Operating Systems	16CS5807	Employability
8	Computer Vision	16CS5808	Employability
9	Software Lab- 1 (Covering the experiments: PYTHON Tasks, Data structure tasks)	16CS5809	Skill Development
10	Software Architecture and Design Patterns	16CS5810	Employability
11	Cloud Computing	16CS5811	Employability
12	Data Analytics	16CS5812	Employability
13	Java & Web Technologies	16CS5813	Employability
14	Object Oriented Analysis and Design	16CS5814	Employability
15	Machine Learning	16CS5815	Employability
16	Distributed Systems	16CS5816	Employability
17	Image Processing and Pattern Recognition	16CS5817	Employability
18	Software Lab- 2 (Covering the experiments: JWT Tasks & UML Tasks)	16CS5818	Skill Development
19	Seminar	16CS5819	Skill Development
20	Project Work	16CS5820	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 syllabi for the subjects offered to other branches w.e.f., 2016-17.

Resolution: 3

After the thorough discussion syllabi was approved and finalized for the subjects offered to other branches (given in **Annexure-III**) and is applicable from the A.Y., 2016-17.

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	Role in the BOS	Signature
1.	Prof. Nirupama	Professor & HOD - SIETK	Chairman	
2.	Mr. A. Balasubramani	Professor – SIETK	Member	
3.	Mrs. J. Suneetha	Associate Professor - SIETK	Member	
4.	Mr. S. Hrushikesava Raju	Associate Professor - SIETK	Member	
5.	Mr. P. Ramesh Babu	Associate Professor - SIETK	Member	
6.	Dr. P. Chenna Reddy	Professor, JNTUA, Ananthapuramu	Member	
7.	Dr. C. Sudhakar	Associate Professor, NIT Warangal	Member	
8.	Dr. S. Jyothi	Professor, SPMVV, Tirupati	Member	
9.	Mr. E. Prakash	Senior Software Developer, Inautix Technology Pvt.Ltd, Chennai	Member	
10.	Ms. M. Sowmya Harika	Assistant Professor, Sri Padmavathi Mahila University, Tirupati	Member	