SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR

(AUTONOMOUS)

3rd BOS Meeting of Master of Computer Applications (MCA)

Date: 14-08-2019

The 3rd meeting of Board of Studies (BOS) in Master of Computer Applications is held on 14th August, 2019 in the Department of Master of Computer Applications, Siddharth Institute of Engineering & Technology, Puttur, Chittoor District, Andhra Pradesh.

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

Dr. A. Swarupa Rani, Chairman BOS chaired the meeting and welcomed all the members to the Third BOS meeting and discussed about the following agenda.

Agenda:

1. Approval of course structure for 3 years w.e.f. A.Y.2019-20.
2. Approval of syllabus for I, II & III years w.e.f. A.Y.2019-20.
3. Approval of syllabus for the subjects offered to other Departments w.e.f. 2019-20.
4. Approval of Panel of Question Paper setters.
5. Approval of Panel of Examiners.
6. Any other item

After a brief introduction the agenda items listed above were taken up for discussion and the following resolutions were passed.

Minutes:

Agenda: 1

Approval of course structure for 3 years w.e.f. A.Y.2019 - 20

Resolution: 1

After detailed discussion the BOS resolved to approve the course structure for 3 years of MCA (given in **Annexure –I**) applicable from the A.Y.2019 - 20.

Agenda: 2

Approval of syllabus for 3 years in MCA w.e.f. A.Y.2019 - 20

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, II & III year MCA (given in **Annexure-II**).

A. Course & Syllabus Comparison

With reference to the R18 regulations, the new regulation (R19) syllabus for 1st, 2nd and 3rd year has the following modifications, which are given in the below table.

S.No	R18 Regulation	R19 Regulation	Percentage of course content changed
1	English	Communicative English	40
2	Probability & Statistics	Probability & Statistics	0
3	Discrete Mathematics	Discrete Mathematics	0
4	Computer Programming and Problem Solving	Computer Programming and Problem Solving	0
5	Computer Organization	Computer Organization	0
6	English Lab	Communicative English Lab	45
7	C Programming Lab	C Programming Lab	0
8	P. C. Software Lab	P. C. Software Lab	0
9	Accounting & Financial Management	Accounting & Financial Management	0

S.No	R18 Regulation	R19 Regulation	Percentage of course content changed
10	Object Oriented Programming through C++	Object Oriented Programming through C++	0
11	Data Structures	Data Structures	0
12	Operating Systems	Operating Systems	0
13	Programming in C++ Lab	Programming in C++ Lab	0
14	Computer Networks	Computer Networks	0
15	Java Programming	JAVA Programming	0
16	Database Management Systems	Database Management System	0
17	Design and Analysis of Algorithms	Design and Analysis of Algorithms	0
18	Java Programming Lab	JAVA Programming Lab	0
19	Database Management Systems Lab	Database Management System Lab	0
20	Data Warehousing and Data Mining	Data Warehousing and Data Mining	0
21	Web Technologies	Web Technologies	0
22	Software Engineering	Software Engineering	0
23	Software Testing	Software Testing	0
24	Artificial Intelligence	Artificial Intelligence	0
25	Distributed Systems	Distributed Systems	0
26	Linux Programming	Linux Programming	0
27	Human Computer Interaction	Human Computer Interaction	0
28	Social Networks and Semantic Web	Social Networks and Semantic Web	0
29	Computer Graphics	Computer Graphics	0
30	Internet of Things	Internet of Things	0
31	Data Warehousing and Data Mining Lab	Data Warehousing and Data Mining Lab	0
32	Web Technologies Lab	Web Technologies Lab	0
33	Cloud Computing	Cloud Computing	0
34	.Net Technologies	.Net Technologies	0

S.No	R18 Regulation	R19 Regulation	Percentage of course content changed
35	Cyber Security	Cyber Security	0
36	Software Project Management	Software Project Management	0
37	Neural Networks & Fuzzy Logic	Neural Networks & Fuzzy logic	0
38	Big Data Analytics	Big Data Analytics	0
39	Image Processing	Image Processing	0
40	Design Patterns	Design Patterns	0
41	Cloud Computing Lab	Cloud Computing Lab	0
42	.Net Technologies Lab	.Net Technologies Lab	0
43		System Software	100
44		Data Structures through C++ Lab	100
45		Operating Systems Lab	100
46		Advanced Programming (Python & R Languages)	100
47		Advanced Programming Lab	100
48		Network Security	100
49		E-Commerce	100
50		Software Engineering & UML Lab	100
51		Mobile Application Development	100
52		Model Driven Framework	100
53		Bio-informatics	100
54		Machine Learning	100
55		Enterprise Resource Planning	100
56		Mobile Application Development Lab	100

Consolidated Sheet

Course	Total courses	Percentage of syllabus changed
MCA	56	26.51

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	Communicative English	19HS0810	Skill Development
2	Computer Programming and Problem Solving	19MC9101	Employability
3	Computer Organization	19MC9102	Skill Development
4	Communicative English Lab	19HS0811	Skill Development
5	C Programming Lab	19MC9103	Employability
6	P. C. Software Lab	19MC9104	Skill Development
7	Accounting & Financial Management	19MB9056	Skill Development
8	Object Oriented Programming through C++	19MC9105	Employability
9	Data Structures	19MC9106	Employability
10	Operating Systems	19MC9107	Employability
11	System Software	19MC9108	Skill Development
12	Programming in C++ Lab	19MC9110	Employability
13	Data Structures through C++ Lab	19MC9111	Employability
14	Computer Networks	19MC9112	Employability
15	JAVA Programming	19MC9113	Employability
16	Database Management System	19MC9114	Employability
17	Advanced Programming (Python & R Languages)	19MC9115	Employability
18	Design and Analysis of Algorithms	19MC9116	Employability
19	JAVA Programming Lab	19MC9117	Employability
20	Database Management System Lab	19MC9118	Employability
21	Advanced Programming Lab	19MC9119	Employability
22	Comprehensive Soft Skills(Audit	19HS0820	Skill Development

S. No.	Course Title	Course Code	Relevance
	Course)		
23	Data Warehousing and Data Mining	19MC9120	Employability
24	Web Technologies	19MC9121	Employability
25	Software Engineering	19MC9122	Employability
26	Software Testing	19MC9123	Employability
27	Artificial Intelligence	19MC9124	Employability
28	Distributed Systems	19MC9125	Employability
29	Linux Programming	19MC9126	Employability
30	Network Security	19MC9127	Employability
31	Human Computer Interaction	19MC9128	Skill Development
32	Social Networks and Semantic Web	19MC9129	Skill Development
33	Computer Graphics	19MC9130	Employability
34	Internet of Things	19MC9131	Employability
35	E-Commerce	19MC9132	Skill Development
36	Data Warehousing and Data Mining Lab	19MC9133	Employability
37	Web Technologies Lab	19MC9134	Employability
38	Software Engineering & UML Lab	19MC9135	Employability
39	Aptitude Practice – II	19HS0844	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 subjects offered to other Departments w.e.f. A.Y. 2019 - 20

Resolution: 3

After the thorough discussion syllabus was framed for the following subjects offered to the other departments (given in **Annexure-III**).

a. Fundamentals of Computer & Information System Lab – I MBA – I SEM (MBA)

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 prepared 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.	Name of the Member	Designation / Organization	Role of the BOS	Signature
1	Dr. A. Swarupa Rani	Professor & HOD – SIETK	Chairman	Dr. A. Swarupa
2	Mr. P. Karthikeyan	Associate Professor – SIETK	Member	*(signature)*
3	Mr. P. Balaji	Associate Professor – SIETK	Member	*(signature)*
4	Mr. J. S. Ananda Kumar	Assistant Professor – SIETK	Member	*(signature)*
5	Ms. P. Sukanya	Assistant Professor – SIETK	Member	P. Sukanyapalli
6	Dr. M. Usha Rani	Professor, Dept. of CSE, SPMVV, Tirupati	Member	M. Ushalani
7	Dr. Ch. D.V. Subba Rao	Professor, Dept. of CSE, S. V. University college of Engineering, Tirupati.	Member	*(signature)* 14/8/19
8	Dr. R. Rajeswara Rao	Professor, Dept. of CSE, JNTU Kakinada, Vijayanagaram.	Member	ABSENT
9	Mr. E. Prakash	Senior Consultant, Delloite, Bangalore.	Member	*(signature)*
10	Mr. V. Indrasena	Senior Associate, CTS, Mepez, Tambaram, Chennai.	Member	ABSENT