

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA

DEPARTMENT OF COMPUTER SCIENCE ENGG./IT

Curriculum for M.Tech. – COMPUTER SCIENCE AND ENGINEERING (REGULAR)

First (Autumn) Semester: -

Sub. No.	Subjects	L	T	P	C
MCS-101	Advanced Data Structure and Algorithms	3	1	0	4
MCS-102	Advanced Computer Architecture	3	1	0	4
MCS-103	Software Engineering and OOAD	3	1	0	4
	(Elective – I)	3	1	0	4
	(Elective – II)	3	1	0	4
MCS-191	Advanced Programming Laboratory – I	0	0	6	4
MCS-192	Seminar – I	0	0	3	2
MCS-193	Comprehensive Viva Voce – I				2
	Total	15	5	9	28

Second (Spring) Semester:-

Sub. No.	Subjects	L	T	P	C
MCS-107	Advanced Operating System	3	1	0	4
MCS-108	Advanced Data Base System	3	1	0	4
MCS-109	Internet Technology	3	1	0	4
	(Elective –III)	3	1	0	4
	(Elective – IV)	3	1	0	4
MCS-194	Advanced Programming Laboratory – II	0	0	6	4
MCS-195	Seminar – II	0	0	3	2
MCS-196	Comprehensive Viva Voce – II				2
	Total	15	5	9	28

Third (Project) Semester:-

Sub. No.	Subjects	L	T	P	C
MCS-197	Dissertation Interim Evaluation				10
MCS-198	Comprehensive Viva Voce				3
MCS-199	Seminar on Dissertation				2
	Total				15

Fourth (Project) Semester:-

Sub. No.	Subjects	L	T	P	C
MCS-200	Dissertation Open Defense				5
MCS-201	Dissertation Evaluation				20
	Total				25

Grand Total = 96

GROUP-I FOR FIRST SEMESTER

(For Elective – I & II in First Semester)

- MCS-104 – Real Time Systems
- MCS-105 – Advanced Computer Networks
- MCS-106 – Data Mining

GROUP-II FOR SECOND SEMESTER

(For Elective – III & IV in Second Semester)

- MCS-110– Embedded Systems
- MCS-111 – Computational Intelligence.
- MCS-112 – Bio-Informatics.