

Department of Computer Science and Engineering

Curriculum & Syllabi 2011 Regulations for M.E. Computer Science and Engineering

SEMESTER I

S.No	Course Code	Course Name	L	T	P	C	M
1	11CP101	Advanced Computer Architecture	3	1	0	4	100
2	11CP102	Advanced Operating Systems	3	0	0	3	100
3	11CP103	Communication and Networking	3	0	0	3	100
4	11CP104	Data Structures and Algorithms	3	1	0	4	100
5	11CP105	Human Computer Interaction	3	0	0	3	100
6	11CP106	Theoretical Foundations of Computer Science	3	1	0	4	100
7	11CP107	Software Development Laboratory	0	0	4	2	100
Total			18	3	4	23	700

SEMESTER II

8	11CP201	Compiler Design	3	1	0	4	100
9	11CP202	Database Technology	3	0	0	3	100
10	11CP203	Network Security	3	0	0	3	100
11	11CP204	Object Oriented Software Engineering	3	0	0	3	100
12	11CP205	Web Engineering	3	0	0	3	100
13	XXX	Elective I	3	0	0	3	100
14	11CP207	Software Design Laboratory	0	0	4	2	100
15	11CP208	Case Tools Laboratory	0	0	3	2	100
Total			18	1	7	23	800

SEMESTER III

16	XXX	Elective II	3	1	0	4	100
17	XXX	Elective III	3	1	0	4	100
18	XXX	Elective IV	3	1	0	4	100
19	11CP307	Project Work Phase I	0	0	12	6	200
Total			9	3	12	18	500

SEMESTER IV

20	11CP407	Project Work Phase II	0	0	24	12	400
Total			0	0	24	12	400

L: Lecture

T: Tutorial

P: Practical

C: Credits

M: Marks

Elective List							
1	11CP911	Ad Hoc Networks	3	0	0	3	100
2	11CP912	Cloud Computing	3	1	0	4	100
3	11CP913	Data Mining	3	1	0	4	100
4	11CP914	Distributed Systems	3	1	0	4	100
5	11CP915	Embedded System Design	3	1	0	4	100
6	11CP916	Information Retrieval	3	1	0	4	100
7	11CP917	Information Visualization	3	0	0	3	100
8	11CP918	Open Source Software	3	1	0	4	100
9	11CP919	Soft Computing	3	1	0	4	100
10	11CP920	Software Quality Assurance and Testing	3	1	0	4	100
11	11CP921	Theory of Computing	3	0	0	3	100
12	11CP922	Wireless Sensor Networks	3	1	0	4	100
13	11CP923	Cyber Security and Computer Forensics	3	0	0	3	100