

Curriculum for
M.E. Degree Courses
 In
Computer Science & Engineering

First Semester

Theoretical Paper							
SI No	Paper Code	Paper Name	Periods/week			Credit Points	Marks
			L	T	P		
1	MCSE 1101	Algorithms & Algorithmic Complexity	3	0	0	3	100
2	MM 1101	Discrete Analytical Mathematics	3	0	0	3	100
3	MCSE 1102	Parallel & Distributed Computing	3	0	0	3	100
4	MCSE1111 (a) – (h)	Elective 1	3	0	0	3	100
5	MCSE1111 (a) – (h)	Elective 2	3	0	0	3	100
Sub Total			15	0	0	15	500
<p>List of Subjects for Electives (1 & 2):</p> <p>MCSE 1111 (a) Pattern Recognition MCSE 1111 (b) Computer Vision MCSE 1111 (c) Cryptography & Network Security MCSE 1111 (d) Mobile & Wireless Computing MCSE 1111 (e) Natural Language Processing MCSE 1111 (f) Bio-Informatics MCSE 1111 (g) Topics in Computer Network MCSE 1111 (h) Modelling & Simulation</p>							
Laboratory / Sessional Papers							
6	MCSE 1151	Computing Lab – I (Algorithms & Algorithmic Complexity & Parallel & Distributed Computing)	0	0	3	3	100
Total			15	0	3	18	600

Second Semester

Theoretical Paper							
SI No	Paper Code	Paper Name	Periods/week			Credit Points	Marks
			L	T	P		
1	MCSE 1201	Advanced Software Engineering	3	0	0	3	100
2	MCSE 1202	Data Warehousing & Data Mining	3	0	0	3	100
3	MCSE 1203	Machine Intelligence	3	0	0	3	100
4	MCSE1211 (a) – (h)	Elective 3	3	0	0	3	100
5	MCSE1211 (a) – (h)	Elective 4	3	0	0	3	100
Sub Total			15	0	0	15	500
<p>List of Subjects for Electives (3 & 4):</p> <p>MCSE 1211 (a) Distributed Operating System</p>							

MCSE 1211 (b) VLSI Design MCSE 1211 (c) Cloud Computing MCSE 1211 (d) Topics in DBMS MCSE 1211 (e) Computational Geometry MCSE 1211 (f) Optical Network MCSE 1211 (g) Information Coding MCSE 1211 (h) Fault Tolerance System							
Laboratory / Sessional Papers							
6	MCSE 1251	Computing Lab – II (Advanced Software Engineering & Machine Intelligence)	0	0	3	3	100
Total			15	0	3	18	600

Third Semester

Theoretical Paper							
SI No	Paper Code	Paper Name	Periods/week			Credit Points	Marks
			L	T	P		
1	MCSE 1391	Project – I	0	0	20	20	300
2	MCSE 1392	General Seminar	0	0	3	3	100
Total			0	0	23	23	400

Fourth Semester

Theoretical Paper							
SI No	Paper Code	Paper Name	Periods/week			Credit Points	Marks
			L	T	P		
1	MCSE 1491	Project – II	0	0	20	20	300
2	MCSE 1492	Grand Viva	0	0	3	3	100
Total			0	0	23	23	400