

M.Tech (Comp. Sc.) Scheme

Year of admission : 2012 and later

Overall Credit Structure

Category	Credits
Basic Sciences + Engineering Sciences	00
CSE DC credits	72
CSE DE credits	32
Humanities	00
OC	00
Total	104

Semester I

Course Code	Course Title	L T P C	Cat.
CSL 5xx	Advances in Algorithms	3 0 0 6	DC
CSL 5xx	Advanced Computer Architecture	3 0 0 6	DC
CSL 5xx	Advances in Compiler Construction	3 0 2 8	DC
CSL 5xx	Software Lab	0 0 4 4	DC
CSL 5xx	Pattern Recognition	3 0 2 8	DE
	DC: 24; DE: 08(one of one)	32	
	DC:24; DE:08 (Cumulative)	32	

Semester II

Course Code	Course Title	L T P C	Cat.
CSL 5xx	Cryptography and Information Security	3 0 0 6	DC
CSL 5xx	Distributed Systems	3 0 2 8	DC
CSL 5xx	Distributed and Parallel Databases	3 0 0 8	DC
CSL 5xx	Technical Writing and Publishing	0 0 2 2	DC
CSL 5xx	Soft Computing Techniques	3 0 0 6	DE
CSL 5xx	Software Architecture	3 0 0 6	DE
CSL 5xx	Advances in Data Mining	3 0 0 6	DE
CSL 5xx	Topics in Bioinformatics	3 0 0 6	DE
	DC:24; DE:12 (two out of four)	36	
	DC: 48; DE: 20 (Cumulative)	68	

Semester III

Course Code	Course Title	L T P C	Cat.
CSL 5xx	Project Phase I	0 0 0 6	DC
CSL 5xx	Real Time Systems	3 0 0 6	DE
CSL 5xx	Formal Methods in Program Design	3 0 0 6	DE
CSL 5xx	Mobile Communication Systems	3 0 0 6	DE
	DC: 06; DE: 12 (two of three)	18	
	DC: 54; DE: 32 (Cumulative)	86	

Semester IV

Course Code	Course Title	L T P C	Cat.
CSL 5xx	Project Phase II	18	DC
	DC: 18; DE: 0	18	
	DC: 72; DE: 32 (Cumulative)	104	

Total Credits – 72 + 32 = 104