

M.Tech (Comp. Sc.) Scheme

Year of admission : 2013 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	LTPC	Cat.
CSL 514	Advances in Algorithms	3 0 0 6	DC
CSL 523	Advanced Computer Architecture	3 0 0 6	DC
CSL 522	Advances in Compiler Construction	3 0 2 8	DC
CSP 541	Software Lab-I	0 0 2 2	DC
CSP529	Technical Writing & Publishing	0 0 2 2	DC
CSL 517	Pattern Recognition	3 0 2 8	DE
	DC : 24 , DE:8 (1 of 1)	32	

Semester II

Course Code	Course Title	LTPC	Cat.
CSL528	Cryptography & Information Security	3 0 0 6	DC
CSL519	Distributed Systems	3 0 2 8	DC
CSL520	Advanced DBMS (Distributed and Parallel Databases)	3 0 0 8	DC
CSP314	Software Lab II	0 0 2 2	DC
CSL516	Soft Computing Techniques	3 0 0 6	DE
CSL521	Software Architecture	3 0 0 6	DE
CSL511	Advances in Data Mining	3 0 0 6	DE
CSL530	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.
CSD 501	Project Phase I	0 0 0 6	DC
CSL 524	Real Time Systems	3 0 0 6	DE
CSL 539	Formal Methods in Program Design	3 0 0 6	DE
CSL 515	Mobile Communication Systems	3 0 0 6	DE
CSL 509	Cloud Architecture, Infrastructure and Technology	3 0 0 6	DE
	DC: 06; DE: 12 (two of five)	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