



JECRCTM
UNIVERSITY
BUILD YOUR WORLD

School of Engineering

Syllabi and Course Structure

**M. Tech. in Computer Science and
Engineering**

(2024-2026)

Academic Programmes
June,2024

School of Engineering

M.Tech. in Computer Science & Engineering

Course Structure

First Semester

First Semester					
Sub Code	Sub Name	L	T	P	C
MCO 056 B	Advanced Data Structure and Algorithm Design	3	0	0	3
MCO 007B	Advance Data Communication Network	3	0	0	3
MCO 070B	Advanced Topics in Algorithm Lab	0	0	2	1
MCO 036B	Advanced Technology Lab	0	0	2	1
	Research Methodology	2	0	0	2
	Research Methodology Lab	0	0	2	1
MCO ***	Program Elective – 1	3	0	0	3
	TOTAL	11	0	6	14

School of Engineering

M.Tech. in Computer Science & Engineering

Second Semester

SECOND SEMESTER					
Sub Code	Sub Name	L	T	P	C
MCO 003B	Advanced Operating Systems	3	0	0	3
MCO 021B	Advanced Data Mining & Warehousing	3	0	0	3
MCO ***	Program Elective – 2	3	0	0	3
	Open Elective – 1	3	0	0	3
MCO 128A	Advance operating System Lab	0	0	2	1
MCO ***	Program Elective - 2 Lab	0	0	2	1
MCO 019B	Project	0	0	8	4
	TOTAL	12	0	12	18

School of Engineering

M.Tech. in Computer Science & Engineering

Third Semester

THIRD SEMESTER					
Sub Code	Sub Name	L	T	P	C
MCO ***	Program Elective – 3	3	0	0	3
MCO ***	Program Elective – 4	3	0	0	3
MCO ***	Program Elective – 5	3	0	0	3
MCO ***	Program Elective – 6	3	0	0	3
	Open Elective – 2	3	0	0	3
MCO 129A	Seminar on Proposed Dissertation	0	0	2	1
	TOTAL	15	0	2	16

Fourth Semester

FOURTH SEMESTER					
MCO 030B	Dissertation-II	0	0	40	20
	TOTAL	0	0	32	16