JEPPIAAR UNIVERSITY

Curriculum and Syllabus
(Regulations 2024)

School of Engineering & Technology

M.Tech.
Computer Science and Engineering

M.Tech Computer Science and Engineering

SUMMARY OF CREDITS

SNO	YEAR	SEMESTER	CREDITS
1	Year I	Semester 1	21
2	Year I	Semester 2	23
3	Year II	Semester 3	19
4	Year II	Semester 4	12
		TOTAL CREDITS	**75**

M.TECH COMPUTER SCIENCE AND ENGINEERING							
S E M E S T E R I							
Sl. No.	Category	Course Code	Course Title	L	T	P	C
1	FC	24MEM1001	Applied Probability and Statistics for Computer Science Engineers	3	0	0	3
2	RM	24MRM1001	Research Methodology and IPR	2	0	0	2
3	PCC	24MCS1101	Advanced Data Structures and Algorithms	3	1	0	4
4	PCC	24MCS1102	Database Practices	3	0	0	3
5	PCC	24MCS1103	Network Technologies	3	0	0	3
6	PCC	24MCS1104	Principles of Programming Languages	3	0	0	3
7	PCC	24MCS1401	Advanced Data Structures and Algorithms Laboratory	0	0	4	2
8	EEC	24MSP1501	Soft Skills Personality Development	0	0	2	1
			Total	17	1	6	**21**

			SEMESTER 2				
Sl. No.	Category	Course Code	Course Title	L	T	P	C
1	PCC	24MCS2105	Internet of Things	3	0	2	4
2	PCC	24MCS2106	Multicore Architecture and Programming	3	0	2	4
3	PCC	24MCS2107	Machine Learning	3	0	2	4
4	PCC	24MCS2108	Advanced Software Engineering	3	0	0	3
5	PEC	24MCS2201	Professional Elective I	3	0	0	3
6	PEC	24MCS2202	Professional Elective II	3	0	0	3
7	EEC	24MSP2502	Term Paper Writing and seminar	0	0	2	1
8	PCC	24MCS2402	Software Engineering Laboratory	0	0	2	1
			Total	20	0	10	**23**

			S E M E S T E R 3				
Sl. No.	**Category**	**Course Code**	**Course Title**	**L**	**T**	**P**	**C**
1	PCC	24MCS3109	Security Practices	3	0	0	3
2	PEC	24MCS3203	Professional Elective III	3	0	0	3
3	PEC	24MCS3204	Professional Elective IV	3	0	2	4
4	OEC	24MCS3205	Open Elective	3	0	0	3
5	EEC	24MPW3403	Project Work I	0	0	12	6
			Total	12	0	14	**19**

			SEMESTER 4				
Sl. No.	Category	Course Code	Course Title	L	T	P	C
1	EEC	24MPW4404	Project Work II	0	0	24	12
			Total	0	0	24	**12**