

Department of Electronics and Communication
J.K. Institute of Applied Physics & Technology
University of Allahabad, Allahabad

M. Tech. (Computer Science and Engineering) Course Structure and Syllabus

M.Tech. 1 st Semester (CSE)						
Paper	Course Code	L-T-P-C	Credits	Four theory Papers & Practical Lab	Sessional Marks	End Semester Marks
Paper – 1	MCT 511	3-0-0-3	3	Advanced Computer Algorithms	40	60
Paper – 2	MCT 512	3-0-0-3	3	Advanced Concepts in Image Processing	40	60
Paper – 3	MCT 513	3-0-0-3	3	Intelligent Techniques	40	60
Paper – 4	MCT 514	3-0-0-3	3	High Performance Computing	40	60
Practical	MCT 515	0-0-15-8	8	Computer Lab	40	40

M.Tech. 2 nd Semester (CSE)						
Paper	Course Code	L-T-P-C	Credits	Four theory Papers & Practical Lab	Sessional Marks	End Semester Marks
Paper – 1	MCT 516	3-0-0-3	3	Cyber Security	40	60
Paper – 2	MCT 517	3-0-0-3	3	Ubiquitous Computing	40	60
Paper – 3	MCT 518	3-0-0-3	3	Computer Vision	40	60
Paper – 4	MCT 519	3-0-0-3	3	Natural Language Processing	40	60
Practical	MCT 520	0-0-15-8	8	Computer Lab	40	60

M.Tech. 3 rd Semester (CSE)						
Paper	Course Code	L-T-P-C	Credits	One theory Paper & Project	Sessional Marks	End Semester Marks
Paper – 1	MCT 604	4-0-0-4	4	Elective Paper	40	60
Projects	MCT 605	0-0-32-16	4	Project – Phase I – Seminar	40	60
			6	Project – Phase I – Dissertation	40	60
			6	Project – Phase I – Viva Voce	40	60

M.Tech. 4 th Semester (CSE)						
Paper	Course Code	L-T-P-C	Credits	Project & Paper Writing	Sessional Marks	End Semester Marks
Projects	MCT 606	0-0-40-20	6	Project – Phase II – Seminar	40	60
			6	Project – Phase II – Dissertation	40	60
			6	Project – Phase II – Viva Voce	40	60
			2	Paper Writing & Presentation	40	60