

Programmes Offered
Department of Information Technology
MSc. I.T. Part-I

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
A	<i>Discipline Specific Course (Major)</i>		A	<i>Discipline Specific Course (Major)</i>	
1	Data Science	04	1	Advanced AI	04
2	Image processing	04	2	Modern Networking	04
3	Soft Computing Techniques	04	3	Natural Language Processing	04
4	Practical : Practical of Data Science + Practical of Image Processing	02	4	Practical: Practical of Advanced AI+ Practical of Modern Networking	02
B	<i>Discipline Specific Course (Elective) (Students will select any 1 out of 2)</i>		B	<i>Discipline Specific Course (Elective) (Students will select any 1 out of 2)</i>	
5	Cloud Computing	02	5	Microservices Architecture	02
	Cyber Law			Data Security	
6	Practical: Practical of Cloud Computing + Practical of Soft Computing Technique	02	6	Practical : Practical of Microservices Architecture + Practical of Natural Language Processing	02
	Practical: Practical of Cyber Law + Practical of Soft Computing Technique			Practical : Practical of Data Security + Practical of Natural Language Processing	
C	<i>Discipline Specific Course(Minor)</i>		C	<i>Discipline Specific Course(Minor)</i>	
7	Research Methodology	04	-		
			D	<i>OJT/FP/CE/RP</i>	
			7	On Job Training/ Research Project	04
Total Credits		22	Total Credits		22

MSc I.T. Part-II

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
A	<i>Discipline Specific Course (Major)</i>		A	<i>Discipline Specific Course (Major)</i>	
1	Advanced AI	04	1	Blockchain	04
2	Machine Learning	04	2	Robotic Process Automation	04
3	Cyber Forensics	04	3	Deep Learning	04
4	Practical: Practical of Advanced AI + Practical of Machine Learning	02	4	Practical: Practical of Blockchain + Practical of Robotic Process Automation+ Practical of Deep Learning	02
B	<i>Discipline Specific Course (Elective) (Students will select any 1 out of 2)</i>		B	<i>Discipline Specific Course (Elective) (Students will select any 1 out of 2)</i>	
5	Security Breaches and Countermeasures	02	5	Human Computer Interaction	02
	Technical Writing and Entrepreneurship Development			Security Operations Center	
6	Practical: Practical of Cyber Forensics + Practical of Security Breaches and Countermeasures	02	6	-	-
	Practical: Practical of Cyber Forensics + Practical of Technical Writing and Entrepreneurship Development			-	
C	<i>Discipline Specific Course(Minor)</i>		C	<i>Discipline Specific Course(Minor)</i>	
7	Research Project	04		Project Implementation and Viva	06
Total Credits		22	Total Credits		22