MASTER OF SCIENCE IN INFORMATION TECHNOLOGY (M. Sc. I.T.)

MAJOR	ANCILIARY
Mathematics	
Physics	Mathematics (4 Units)
Statistics	Mathematics (4 Units)
Life Sciences	Biochemistry or Chemistry with Mathematics or Statistics in first and second year OR Computer Sciences OR Information Technology up to second year of Bachelor's Degree. Chemistry / Microbiology
Medicine	
Bachelor's Degree in Technology (B. Tech / B. E.) in Engineering / Computer Sciences / Information Technology	
Bachelor's Degree in Computer Sciences B. C. A./ B. C. S. / Information Technology	

M. Sc. (IT) - I

Semester I	**Semester II**
Research in Computing	Big Data Analytics
Data Science	Modern Networking
Cloud Computing	Micro services Architecture
Soft Computing Techniques	Image Processing

M. Sc. (IT) - II

Semester III	**Semester IV**
Technical Writing and Entrepreneurship Development	Blockchain
Project Documentation	Project Implementation
Select Any one from the courses	**Select Any one from the courses**
Applied Artificial Intelligence Computer Vision	Natural Language Processing
Computer Vision	Digital Image Forensics
Cloud Application Development	Advanced IoT
Security Breaches and Countermeasures	Cyber Forensics
Select Any one from the courses	**Select Any one from the courses**
Machine Learning	Deep Learning
Bio Medical Image Processing	Remote Sensing
Cloud Management	Server Virtualization on VMWare Platform
Malware Analysis	Security Operations Center
Select Any one from the courses	**Select Any one from the courses**
Robotic Process Automation	Human Computer Interaction
Virtual Reality and Augmented Reality	Advanced Applications of Image Processing
Data Center Technologies	Storage as a Service
Offensive Security	Information Security Auditing

Eligibility : A learner for being eligible to apply for admission for M. Sc. programme must have passed standard twelth (after the 10 + 2 schooling) or equivalent examination with minimum 50% marks for students belonging to the general category and 45% marks for students belonging to the reserved category with science subjects as may be prescribed for a given course. However, candidate who has passed the Bachelor's degree in the faculty of Science / Technology of this University or equivalent degree of recognized Universities with minimum 45% marks with major and ancillary subjects at undergraduate level as detailed below.