

M.Sc.Medical Laboratory Technology

Programme Structure:

Courses	Credits
I Semester	
Instrumentation and Physics of Radiography	3
Principles of Exposure and Imaging Processing	3
Biostatistics & Research Methodology	3
Basic and Advanced Techniques of Imaging and Processing	8
II Semester	
Radiographic Positioning and Procedures	3
Radiation Protection and Management in Radiology	3
Basic and Advanced Instrumentation in CT	3
Bioethics	3
Methods of Radiation Protection Evaluation and Imaging Techniques of CT and Procedure	8
Open Elective	3
III Semester	
Basic and Advanced Instrumentation of Ultrasound and Doppler	3
Nuclear Medicine Imaging and Basics of Radiation Therapy	3
Health Care Management	3
Patient care and Techniques of Ultrasound and Nuclear Medicine	8
Open Elective	3
IV Semester	
Basic and Advanced Instrumentation MRI	3
Interventional Radiology	3
Patient Care in Radiology	3
Patient care and Techniques of Clinical MRI and Interventional Radiology	8
Dissertation	12