

Bachelor in Medical Radiology and Imaging Technology (BMRIT)
(Program code: 30SHSUH04)
Regulations 2026
CURRICULUM

SEMESTER I		
S No	Course Code	Course Title
1	BMRIT-001	Human Anatomy
2	BMRIT-002	Physiology
3	BMRIT-003	Basics of Radiation Physics
4	BMRIT-004	Introduction to Healthcare
5	BMRIT-005	Medical Terminology and Record keeping
6	BMRIT-006	Basic Computers and Information science
7	BMRIT-007	Medical Law and Ethics
8	BMRIT-008	Professionalism and Values
9	BMRIT-009	Principals of Management
10	BMRIT-010	English & Communication skills
11		BMRIT Radiology Clinical Education – part I (studentship)

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SEMESTER II		
S No	Course Code	Course Title
1	BMRIT-011	Basics of Microbiology
2	BMRIT-012	Basics of Biochemistry
3	BMRIT-013	Conventional Radiography and Equipment
4	BMRIT-014	Clinical Radiography Positioning (Part I)
5		BMRIT Radiology Clinical Education –part II (studentship)

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SEMESTER III		
S No	Course Code	Course Title
1	BMRIT-015	Pathology
2	BMRIT-016	Clinical Radiography Positioning (PartII)
3	BMRIT-017	Radiography and Image Processing Techniques
4	BMRIT-018	Contrast Media& Special Radiological procedures
5		BMRIT Radiology Clinical Education – part III (studentship)

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SEMESTER IV		
S No	Course Code	Course Title
1	BMRIT-019	Cross sectional anatomy
2	BMRIT-020	Modern Radiological Imaging Equipment and Physics
3	BMRIT-021	Interventional Radiology Techniques
4	BMRIT-022	Patient Care in Radiology
5		BMRIT Radiology Clinical Education – part IV (studentship)

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SEMESTER V		
S No	Course Code	Course Title
1	BMRIT-023	Basics Techniques in CT Technology
2	BMRIT-024	Radiation Safety in Diagnostic Radiology
3	BMRIT-025	Quality Assurance in Diagnostic Radiology and Regulatory Requirements
4		BMRIT Radiology Clinical Education – part V (studentship)

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SEMESTER VI		
S No	Course Code	Course Title
1	BMRIT-026	Basics Techniques In MRI Technology
2	BMRIT-027	Introduction to Nuclear Medicine Techniques
3	BMRIT-028	Ultrasound Techniques
4	BMRIT-029	Biostatistics And Research Methodology
5		BMRIT Radiology Clinical Education – part VI (studentship)

SEMESTER VI & VII		
S.NO	Posting	Duration
1	Conventional Radiography, Mammography, CR, DR and PACS	4 Months
2	Radiological Imaging & Special Procedures and Advanced Equipments.	2 Months
3	Ultrasonography & Doppler Imaging	1 Month
4	Interventional Radiology	1 Month
5	Computed Tomography	2 Months
6	Magnetic Resonance Imaging	2 Months



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