

# DEPARTMENT OF ALLIED AND HEALTHCARE

## Course Scheme

Program: BMRIT

Session: 2025 - 2028

### SEMESTER- I

S. No.	Code	Subject	Credit
1	42BBMRIT001	Human Anatomy	3
2	42BBMRIT002	Physiology	3
3	42BBMRIT003	Basics of Radiation Physics	3
4	42BBMRIT004	Basics of Radiation Physics Lab.	3
5	42BBMRIT005	Introduction to Healthcare	2
6	42BBMRIT006	Medical Terminology and Record keeping	1
7	42BBMRIT007	Professionalism and Values	1
8	42BBMRIT008	English & Communication Skills	1
9	42BBMRIT009	Basic Computers and Information Sciences	1
10		BMRIT Radiology Clinical Education – I (Studentship)	5

### SEMESTER- II

S. No.	Code	Subject	Credit
1	42BBMRIT010	Basics of Microbiology	2
2	42BBMRIT011	Basics of Biochemistry	3
3	42BBMRIT012	Conventional Radiography & Equipment	3
4	42BBMRIT013	Clinical Radiography Positioning - I	3
5	42BBMRIT014	Clinical Radiography Positioning Lab. - I	2
6	42BBMRIT015	Medical Law and Ethics	1
7	42BBMRIT016	Principal of Management	1
8		BMRIT Radiology Clinical Education – II (Studentship)	5

### SEMESTER- III

S. No.	Code	Subject	Credit
1	42BBMRIT017	Radiography and Image Processing Techniques	2
2	42BBMRIT018	Pathology	3
3	42BBMRIT019	Clinical Radiography Positioning - II	2
4	42BBMRIT020	Clinical Radiography Positioning Lab. - II	3
5	42BBMRIT021	Contrast Media & Special Radiological procedures	2
6	42BBMRIT022	Contrast Media & Special Radiological procedures Lab.	3
7	42BBMRIT023	Environmental Sciences	1
8		BMRIT Radiology Clinical Education – III (Studentship)	5

**SEMESTER- IV**

S. No.	Code	Subject	Credit
1	42BBMRIT024	Cross Sectional Anatomy	2
2	42BBMRIT025	Cross Sectional Anatomy Lab.	2
3	42BBMRIT026	Modern Radiological Imaging Equipment and Physics	2
4	42BBMRIT027	Modern Radiological Imaging Equipment and Physics Lab.	1
5	42BBMRIT028	Patient Care in Radiology	1
6	42BBMRIT029	Patient Care in Radiology Lab.	1
7	42BBMRIT030	Interventional Radiology Techniques	2
8	42BBMRIT031	Interventional Radiology Techniques Lab.	2
9		BMRIT Radiology Clinical Education – IV (Studentship)	5
10	42BOE01	Open Elective	2

**SEMESTER- V**

S. No.	Code	Subject	Credit
1	42BBMRIT032	Basics Techniques in CT Technology	5
2	42BBMRIT033	Basics Techniques in CT Technology Lab.	3
3	42BBMRIT034	Radiation Safety in Diagnostic Radiology	3
4	42BBMRIT035	Radiation Safety in Diagnostic Radiology Lab.	2
5	42BBMRIT036	Quality Assurance in Diagnostic Radiology and Regulatory Requirements	2
6	42BBMRIT037	Quality Assurance in Diagnostic Radiology and Regulatory Requirements Lab.	1
7		BMRIT Radiology Clinical Education – V (Studentship)	4
8	42BOE02	Open Elective	2

**SEMESTER- VI**

S. No.	Code	Subject	Credit
1	42BBMRIT038	Internship/ Clinical Posting/ Clinical Logbook & Case Documentation	15
2	42BBMRIT039	Project work/ Viva Voce/ Seminar	6