



**B.SC.MEDICAL RADIOLOGYIMAGING AND TECHNOLOGY (BRIT)**

**First Year**

Sl. No	Course code	Main Subjects	Theory Hours	Practical Hours (Tutorial & Demonstration)	Total Hours (Theory & Practical)	Credits	IA* Marks	UE* Marks	Exam Duration (IA/UE)
1	BMRIT 101	Human Anatomy	100	50	150	4	25	75	3 hours
2	BMRIT 102	Human Physiology	100	50	150	4	25	75	3 hours
3	BMRIT 103	Fundamental of Medical Imaging & Radiotherapy	90	60	150	4	25	75	3 hours
4	BMRIT 104	Basics Radiation Physics	90	60	150	4	25	75	3 hours
5	BMRIT 105	Practical(Basic Radiation Physics)	0	150	150	4	25	75	3 hours
6	BMRIT 106	English	30	0	30	1	25	75	3 hours
7	BMRIT 107	Computer	30	0	30	1	25	75	3 hours
		*Clinical posting		200	200				

**Total Hours-1010**

**\*Clinical Posting-Not Included in University Examination**

**\*IA-Internal Assessment**

**\*UE- University Examination**

**Second Year**

Sl. No	Course code	Main Subjects	Theory Hours	Practical Hours (Tutorial & Demonstration)	Total Hours	Credits	IA* Marks	UE* Marks	Exam Duration (IA/UE)
1	BMRIT 201	Clinical Radiography	100	60	160	4	25	75	3 hours
2	BMRIT 202	Patient care & Radiation Protection	100	50	150	4	25	75	3 hours
3	BMRIT 203	Equipment of Radiotherapy	100	50	150	4	25	75	3 hours
4	BMRIT 204	Special Radiographic Technique & Procedures	100	60	160	4	25	75	3 hours
5	BMRIT 205	x-ray film/image processing techniques including dark room	100	50	150	4	25	75	3 hours
6	BMRIT 206	Practical(Clinical Radiography )	0	0	100	4	25	75	3 hours



**Total Hours-1070**

**\*Clinical posting-Not Included in University Examination**

**Third Year Subjects**

Sl. No	Course code	Main Subjects	Theory Hours	Practical Hours(Tutorial & Demonstration)	Total Hours	Credits	IA* Marks	UE* Marks	Exam Duration (IA/UE)
1	BMRIT 301	Radiotherapy Planning and Quality Control	100	50	150	4	25	75	3 hours
2	BMRIT 302	Modern imaging techniques and recent trends in imaging	100	80	180	4	25	75	3 hours
3	BMRIT 303	Interventional Radiology, radiobiology and radiation safety in radio diagnosis imaging	100	80	180	4	25	75	3 hours
4	BMRIT 304	Radiotherapy & Brachy- therapy Techniques in Malignant and Non-Malignant Diseases	100	50	150	4	25	75	3 hours
5	BMRIT 305	Orientation in Para- Clinical Sciences, Clinical Sciences &Community Healthcare	100	20	120	4	25	75	3 hours
6	BMRIT 306	Practical (Main subject)	0	0	100	4	25	75	3 hours
		*Clinical Posting		200	200				

**Total Hours-1080**

**\*Clinical posting-Not Included in University Examination**

**INTERNSHIP – minimum 6 Months**