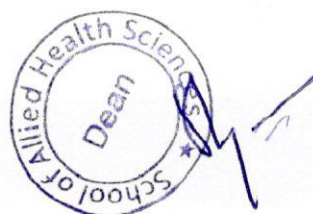


Galgotias University					
School of Allied Health Sciences					
B.Sc.(Medical Radiology and Imaging Technology)2024-28					
Programme Structure					
Semester-I					
S.NO	Course Name	L	T	P	C
1	Introduction to Healthcare Delivery System in India	1	0	0	1
3	Professional Communication I	1	0	4	3
4	Medical Terminology and record keeping (including anatomical terms)	3	0	0	3
5	Medical Law and Ethics	3	0	0	3
6	Introduction to Quality and patient safety (including Basic emergency care and life support skills, Infection prevention and control, Biomedical waste management, Disaster management and Antibiotic resistance)	3	0	0	3
9	Principals of Management	3	0	0	3
10	Applied Phisics	3	0	0	3
11	Community orientation and clinical visit (including related practical to course 001)	0	0	4	2
12	Professionalism and values	0	0	2	1
13	Basic computers and information Science	0	0	4	2
	Total	17	0	14	24
Semester-II					
S.NO	Course Name	L	T	P	C
1	Human Anatomy and Physiology Part 1	4	0	0	4
2	Basics Physics including Radiological Physics	4	0	0	4
3	Conventional Radiography and equipment	4	0	0	4
4	Radiographic and Image processing Techniques	4	0	0	4
5	BMRIT Directed Clinical Postings – part I (15 Days)	0	0	4	2
6	Basics Physics including Radiological Physics Practical	0	0	4	2
7	Human Anatomy and Physiology Practical	0	0	4	2
8	Professional Communication-II/Foreign language	1	0	4	3
	Total	17	0	16	25



Semester-III					
S.NO	Course Name	L	T	P	C
1	Human Anatomy and Physiology including Pathology Part-2	4	0	0	4
2	Clinical Radiography- Positioning Part 1	4	0	0	4
3	Modern Radiological & Imaging Equipment including Physics	4	0	0	4
4	Contrast & Special Radiography procedures	4	0	0	4
5	Modern Radiological & Imaging Equipment including Physics Practical	0	0	4	2
6	AI & Its Applications (Practical)	0	0	4	2
7	Clinical Radiography- Positioning Practical	0	0	4	2
Total		16	0	12	22
Semester-IV					
S.NO	Course Name	L	T	P	C
1	Physics of Newer Imaging Modalities	3	0	0	3
2	Clinical Radiography Positioning Part 2	4	0	0	4
3	Newer Modalities Imaging Techniques including patient care	4	0	0	4
4	Quality Control in Radiology and Radiation Safety	4	0	0	4
5	BMRIT Directed Clinical Postings – part III (15 days)	0	0	4	2
Total		15	0	4	17
Semester-V					
S.NO	Course Name	L	T	P	C
1	Cross sectional anatomy and Physiology	4	0	0	4
2	Physics of Advanced Imaging Technology	4	0	0	4
3	Radiographic Techniques of Advanced Imaging Technology	4	0	0	4
4	Regulatory Requirements in Diagnostic Radiology & Imaging. Act and rules. regulations for JCI, NABH, NABHR.	3	0	0	3
5	BMRIT Directed Clinical Postings – part IV (15 Days)	0	0	4	2
	Research Methodology and Biostatistics	3	0	0	3
Total		18	0	4	20
Semester-VI					
S.NO	Course Name	L	T	P	C
1	Quality Assurance & Radiation Safety (AERB Guidelines) in Diagnostic Radiology Part 2	3	0	0	3
2	Research methodology	3	0	0	3



3	Hospital Practice & Care of Patients	3	0	0	3
4	Seminars, Journal club & Group Discussions	0	0	4	2
5	BRIT Directed Clinical Postings – part V (15 Days)	0	0	4	2
6	Creativity, Innovation and Entrepreneurship & IPR	1	0	2	2
	Human Values and Ethics	2	0	0	2
	Total	12	0	10	17
Semester-VII					
S.NO	Course Name	L	T	P	C
1	MRIT Internship I	0	0	1248	20
2	Internship Seminar	0	0	0	2
	Total	0	0	1248	22
Semester-VIII					
S.NO	Course Name	L	T	P	C
1	MRIT Internship II	0	0	1248	20
2	Project	0	0	0	8
	Total	0	0	1248	28
	Grand Total				175

