

Name of the Faculty : Faculty of Allied Health Science
Name of the Course : Master of Science (Radio-Imaging Technology) [2021-22]

Name of the Course/ Master of Science (Radio Imaging Technology) (2021-22)																																
Sr. No.	Semester/ Year	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	L	T	P	Credits	Theory				Practical				Practical (Internal)				Oral		Overall Pass Marks	Whether to be offered under CBCS (Yes/No)	Scheme of Examinations (Theory+Internal+Practical+Oral/ Theory+Internal+Practical/ Theory+Practical)						
										Max	Pass	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Lab Work	Midterm				Conduct/Demonstration	Max	Pass	Max	Pass	
1	1st Sem	05130101	Human Anatomy & Physiology	Theory	Core	3	1		4	60	24	20	10	10	40	16									40	No	Theory + Internal					
2	1st Sem	05130102	General Microbiology & Pathology	Theory	Core	4			4	60	24	20	10	10	40	16									40	No	Theory + Internal					
3	1st Sem	05130103	Image Production & Evaluation - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
4	1st Sem	05130104	Image Production & Evaluation	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
5	1st Sem	05130105	Radiation Physics	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal		
6	1st Sem	05130106	Radiation Physics- Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
7	1st Sem	05130107	Research Methodology & Biostatistics	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
8	1st Sem	05130108	Critical Research appraisal -practical	Practical	DSE				2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
9	1st Sem	05130109	Evaluative Clinical Practice -I	Practical					4								20	20	40	16	10	10	10	30	60	24		40	No	Practical + Internal		
									30																							
1	2nd Sem	05130201	Radiation Hazards, prevention and safety - Theory	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal		
2	2nd Sem	05130202	Radiation Hazards, prevention and safety - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
3	2nd Sem	05130203	Equipment Operation & Quality Control	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal		
4	2nd Sem	05130204	Radiation Protection & Advance Diagnostic - Theory	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
5	2nd Sem	05130205	Radiation Protection & Advance Diagnostic - Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
6	2nd Sem	05130206	Radio-Diagnosis/Radiographic Procedures & Positioning- Theory	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
7	2nd Sem	05130207	Radio-Diagnosis/Radiographic Procedures & Positioning- Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
8	2nd Sem	05130208	Nuclear Medicine & PET Training- Theory	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
9	2nd Sem	05130209	Nuclear Medicine & PET Training- Practical	Practical				4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
10	2nd Sem	05130210	Project Development-practical	Practical	Core				2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
11	2nd Sem	05130211	Evaluative Clinical Practice -II	Practical	Core				4								20	20	40	16	10	10	10	30	60	24		40	No	Practical + Internal		
									34																							
1	3rd Sem	05130301	Mammography, Ultrasound & Echocardiography	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
2	3rd Sem	05130302	Special Investigations & Technology	Theory	Core	4			4	60	24	20	10	10	40	16												40	No	Theory + Internal		
3	3rd Sem	05130303	Special Investigations & Technology- Practical	Practical	Core			2	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
4	3rd Sem	05130304	Magnetic Resonance Imaging (MRI) -Basic principle and techniques- Theory	Theory					4																			40	No	Theory + Internal		
5	3rd Sem	05130305	Magnetic Resonance Imaging (MRI) -Basic principle and techniques- Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
6	3rd Sem	05130306	Computerized Tomography (CT) -Basic principle and techniques- Theory	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
7	3rd Sem	05130307	Computerized Tomography (CT) -Basic principle and techniques- Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		
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3rd Sem			Neuroimaging Workup in Pre-surgical Evaluation	Theory	DSE	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
8	3rd Sem	05130308	Hospital Management & Care of Patient	Theory	DSE	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
9	3rd Sem	05130309																														
9	3rd Sem		Technical Writing and Seminar-practical	Practical	SEC				4								20	20	40	16	10	10	10	30	60	24		40	No	Practical + Internal		
10	3rd Sem	05130310	Evaluative Clinical Practice -III	Practical	Core				4								20	20	40	16	10	10	10	30	60	24			No	Practical + Internal		
									34																							
1	4th Sem	05130401	MRI & CT Clinical Applications & Imaging Protocols -Theory	Theory	Core	3	1		4	60	24	20	10	10	40	16												40	No	Theory + Internal		
2	4th Sem	05130402	MRI & CT Clinical Applications & Imaging Protocols Practical	Practical	Core			4	2								10	10	20	8	5	5	5	15	30	12		20	No	Practical + Internal		

Registrar
SGT University

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SGT University
Budheda, Gunturamam