

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Bachelor of Science (Radio-Imaging Technology) : 2022-23 onwards

Semester/Year	Council Code (If any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	For ERP	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory		Theory (Internal)				Practical				Practical (Internal)				Overall Pass Marks	Scheme of Examinations (Theory+Internal) OR (Practical+Internal)					
													Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Lab Work			Midterm	Conduct/Demonstration	Max	Pass	
I	--	05280101	Human Anatomy- I	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16									40	Theory + Internal			
	--	05280102	Human Anatomy- I Practical	Practical	Core	Core	Separate			2	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05280103	Human Physiology-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280104	General Microbiology & Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280105	Radiation Physics & Fundamental of Medical Imaging	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280106	Radiation Physics & Fundamental of Medical Imaging-Practical	Practical	Core	Core	Separate			2	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05280107	Communication Skills & Personality Development	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
			Total Credit for Semester					17	3	4	24	288																					
II	--	05280201	Human Anatomy- II	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16										40	Theory + Internal		
	--	05280202	Human Anatomy- II Practical	Practical	Core	Core	Separate			2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
	--	05280203	Human Physiology- II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280204	Image Acquisition, Processing & Archiving	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280205	Image Acquisition, Processing & Archiving -Practical	Practical	Core	Core	Separate			2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
	--	05280206	General Radiography Positioning & terminology- I	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280207	General Radiography Positioning & terminology- I Practical	Practical	Core	Core	Separate			2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
--	05280208	Fundamentals of Computer Science	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal		
			Total Credit for Semester					18	2	6	26	312																					
III	--	05280301	General Radiography Positioning & terminology- II	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16										40	Theory + Internal		
	--	05280302	General Radiography Positioning & terminology- II Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
	--	05280303	Medical Emergencies and patient care	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280304	Ultrasound & Doppler including 4D & Echocardiography	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280305	Ultrasound & Doppler including 4D & Echocardiography- Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
	--	05280306	Radiation biology and its Hazards & Protection	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280307	Radiation biology and its Hazards & Protection- Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
--	05280308	Environmental Studies	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal		
			Total Credit for Semester					19	1	6	26	312																					
IV	--	05280401	Advance Physics & Instrumentation in Digital Imaging	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16										40	Theory + Internal		
	--	05280402	Computed Tomography -Basic principle and techniques	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280403	Computed Tomography -Basic principle and techniques- Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
	--	05280404	Special Investigations& Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280405	Special Investigations& Pathology- Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
	--	05280406	Nuclear Medicine & PET Scan	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	
	--	05280407	Nuclear Medicine & PET Scan- Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal		
--	05280408	Magnetic Resonance Imaging-Basic principle and techniques	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal		
--	05280409	Magnetic Resonance Imaging-Basic principle and techniques-Practical	Practical	Core	Core	Separate			2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal			
			Total Credit for Semester					16	4	8	28	336																					
--	05280501	MRI Clinical Applications & Imaging protocols	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal		

