

Name of the Faculty : Faculty of Allied Health Science

Name of the Program : Bachelor of Science (Microbiology) : 2022-23 onwards

Semester/Year	Council Code (If any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE For ERP (Result/Practical Separate) or (Theory/Practical Separate)	L	T	D	Credits	Contact Hours	Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)		
											Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Viva-voce	Demonstration/Presentation		Max	Pass
I		05330101	Introduction to Microbial World	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330102	Introduction to Microbial World - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330103	Mycology and Phycology	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330104	Mycology and Phycology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330105	Chemistry	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330106	Chemistry - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330107	Communication Skill and Personality Development	Theory	AECC Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
			Total Credit for Semester			13	3	12	22	264												
II		05330201	Bacteriology	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330202	Bacteriology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330203	Virology	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330204	Virology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330205	Cell Biology	Theory	Core Separate	5	1	6	72	60	24	0	20	10	10	40	16					40 Theory + Internal
		05330206	Environmental Science	Theory	AECC Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
			Total Credit for Semester			16	2	8	22	264												
III		05330301	Microbial Ecology	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330302	Microbial Ecology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330303	Molecular Biology I	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330304	Molecular Biology I - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330305	Microbial Physiology and Metabolism I	Theory	Core Separate	4	2	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330306	Fundamentals of Computer Science	Theory	AECC Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
			Total Credit for Semester			15	3	8	20	240												
IV		05330401	Plant Pathology	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330402	Plant Pathology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330403	Molecular Biology II	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330404	Molecular Biology II - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330405	Genetics and Genomics I	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330406	Microbial Physiology and Metabolism II	Theory	AECC Core Separate	4	2	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
			Total Credit for Semester			37	9	20	240													
V		05330501	Immunology	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330502	Immunology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330503	Food and Dairy Microbiology	Theory	Core Separate	3	1	4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330504	Food and Dairy Microbiology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330505	Biotechnology	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330506	Biotechnology - Practical	Practical	Core Separate			4	2	24												20 Practical + Internal
		05330507	Genetics and genomics - II	Theory	AECC Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
		05330508	Research Methodology and Biostatistics	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal
			Total Credit for Semester			19	1	12	26	312												
	05330601	Medical Microbiology	Theory	Core Separate	4		4	4	48	60	24	0	20	10	10	40	16				40 Theory + Internal	

Dr. M. Ejaz Hussain
 Dean, Faculty of Allied Health Sciences
 SGT University, Gurugram

Dr. Anshu Kataria
 Deputy Registrar
 SGT University
 Budhera (Gurugram)

Dr. Anshu Kataria
 Registrar
 SGT University
 Budhera (Gurugram)

Name of the Faculty : Faculty of Allied Health Science

Name of the Program : Bachelor of Science (Microbiology) : 2022-23 onwards

Semester/Year	Council Code (if any)	Subject Code	Nomenclature	Theory/ Practical		Core/ AECC/ SECC/ DSE/ GE	For ERP	Theory/Practical (Result Combined or Separate)	Credits	Contact Hours	Theory			Practical			Practical (Internal)			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	Overall Pass Marks					
VI		05330602	Medical Microbiology - Practical	Practical	Core	Core	Core	Separate	4	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	20	40	Theory + Internal	
		05330603	Industrial Microbiology	Theory	Core	Core	Core	Separate	4	48	60	48	0	20	10	10	40	16	20	10	30	12	5	5	10	20	8	20	40	20	40	Theory + Internal	
		05330604	Industrial Microbiology - Practical	Practical	Core	Core	Core	Separate	4	24	60	24	0	20	10	10	40	16	20	10	30	12	5	5	10	20	8	20	40	20	40	Theory + Internal	
		05330605	Recombinant DNA Technology	Theory	Core	Core	Core	Separate	3	48	60	48	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	20	40	Theory + Internal	
		05330606	Recombinant DNA Technology - Practical	Practical	Core	Core	Core	Separate	4	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	20	40	Theory + Internal	
		05330607	Technical Writing	Practical	DSE	Core	Core	Separate	4	48	60	48	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	20	40	Practical + Internal	
			Total Credit for Semester						4	48	60	48	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	20	40	Practical + Internal	
			Total Credits for Degree						11	11	19	72	132	1584																			

Sequence of codes verified and copy forwarded to ERP support for operation.

R. Umar
8/7/22
Deputy Registrar
SGT University
Budhera (Gurugram)

M. Noman 7.7.22
Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Sciences
SGT University, Gurugram

Registrar
SGT University
Budhera, Gurugram

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Master of Science (Microbiology) : 2022-23 onwards

Semester/Year	Council Code (If any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	Theory/FPractical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory			Practical			Practical (Internal)			Overall Pass Marks	Scheme of Examinations (Theory+Internal) OR (Practical+Internal)														
												Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Pass	Demonstration/Presentation	Viva-voce			Max	Pass	Attendance	Lab Work	Midterm	Conduct/Demonstration	Max	Pass						
I		05450101	General Microbiology	Theory	Core	Core	3	1		4	48	60	24	0	20	10	10	10	10	10	40	16	10	10	20	8	5	5	5	15	30	12	40	Theory + Internal		
		05450102	General Microbiology - Practical	Practical	Core	Core				2	24											10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal		
		05450103	Virology	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450104	Virology - Practical	Practical	Core	Core				4	24											10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal		
		05450105	Molecular Biology	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450106	Molecular Biology - Practical	Practical	Core	Core				4	24											10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal		
		05450107	Biochemistry and Biochemical Techniques	Theory	DSE	Core	Separate	3	1		4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450108	Research Methodology and Biostatistics and Hospital Management	Theory	DSE	Core	Separate	1			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450109	Critical Research Appraisal - Practical	Practical	DSE	Core	Separate				2	24										10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal		
				Total Credit for Semester				14	2	12	28	336																								
II		05450201	Microbial Genetics	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal				
		05450202	Microbial Genetics - Practical	Practical	Core	Core				2	24										10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal			
		05450203	Recombinant DNA Technology and Biotechnology	Theory	Core	Core	3	1		4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal				
		05450204	Recombinant DNA Technology and Biotechnology - Practical	Practical	Core	Core				4	24										10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal			
		05450205	Medical Microbiology	Theory	SEC	Core	Separate	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450206	Medical Microbiology - Practical	Practical	DSE	Core	Separate				4	24									10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal			
		05450207	Food Microbiology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450208	Food Microbiology - Practical	Practical	Core	Core	Separate				2	24									10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal			
		05450209	Biethics and Safety	Theory	Core	Core	Separate	2			2	24									10	10	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450210	Project Development and Seminar	Practical	Core	Core	Separate				2	24									10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal			
			Total Credit for Semester				15	1	12	28	336																									
III		05450301	Industrial Microbiology	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal				
		05450302	Industrial Microbiology - Practical	Practical	Core	Core				2	24									10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal				
		05450303	Immunology	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal				
		05450304	Immunology - Practical	Practical	Core	Core				4	24									10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal				
		05450305	Introduction to Bioinformatics	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450306	Introduction to Bioinformatics - practical	Practical	Core	Core	Separate				4	24								10	10	10	10	20	8	5	5	15	30	12	40	Practical + Internal				
		05450307	Pharmaceutical Microbiology	Theory	DSE	Core	Separate	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
		05450308	Technical Writing and Seminar - Practical	Practical	0 SEC	Core	Separate				4	48								20	20	40	16	10	10	10	30	60	24	40	Practical + Internal					
				Total Credit for Semester				16	12	26	312																									
				Environmental Microbiology	Theory	Core	Core	4			4	48	60	24	0	20	10	10	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal			
			Dissertation - Practical	Practical	SEC	Core				24	12	144	300	120						60	60	120	48	30	30	30	90	180	72	120	Practical + Internal					
			Total Credit for Semester				4	24	60	98	1176																									

Sequence of codes verified and copy forwarded to ERP support for updation.

Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Sciences
SGT University, Gurugram.

~~SGT University~~
Budhera (Gurugram)

SGT University
Budhera, Gurugram

Name of the Faculty : Faculty of Allied Health Science

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

Semester/Year	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SECI/DSE/GE	For ERP	Theory/Practical (Separate/Combined)	L	T	P	Credits	Contact Hours	Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)					
													Max	Pass	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max		Pass	Lab Work	Midterm	Conduct/Demonstration	Max
I		05130101	Human Anatomy & Physiology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130102	General Microbiology & Pathology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130103	Image Production & Evaluation - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130104	Image Production & Evaluation	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130105	Radiation Physics	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130106	Radiation Physics - Practical	Practical	Core	Core	Separate		4		4	24														40	Practical + Internal
		05130107	Research Methodology & Biostatistics	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130108	Critical Research Appraisal - Practical	Practical	DSE	Core	Separate					2	24													20	Practical + Internal
		05130109	Evaluative Clinical Practice - I	Practical	DSE	Core	Separate					4	48													40	Practical + Internal
				Total Credit for Semester					17	3	8	30	360														
II		05130201	Radiation Hazards, Prevention and Safety	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130202	Radiation Hazards, Prevention and Safety - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130203	Equipment Operation & Quality Control	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130204	Radiation Protection & Advance Diagnostic	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130205	Radiation Protection & Advance Diagnostic - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130206	Radio-Diagnosis/Radiographic Procedures & Positioning	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130207	Radio-Diagnosis/Radiographic Procedures & Positioning - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130208	Nuclear Medicine & PET Training	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130209	Nuclear Medicine & PET Training - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130210	Project Development - Practical	Practical	Core	Core	Separate				2	24													40	Practical + Internal	
	05130211	Evaluative Clinical Practice - II	Practical	Core	Core	Separate				4	48													40	Practical + Internal		
			Total Credit for Semester					17	3	16	34	408															
III		05130301	Mammography, Ultrasound & Echocardiography	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130302	Special Investigations & Technology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130303	Special Investigations & Technology - Practical	Practical	Core	Core	Separate		2		2	24													40	Practical + Internal	
		05130304	Magnetic Resonance Imaging (MRI) - Basic Principle and Techniques	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130305	Magnetic Resonance Imaging (MRI) - Basic Principle and Techniques - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130306	Computerized Tomography (CT) - Basic Principle and Techniques	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal	
		05130307	Computerized Tomography (CT) - Basic Principle and Techniques - Practical	Practical	Core	Core	Separate		4		4	24													40	Practical + Internal	
		05130308	Hospital Management & Care of Patient	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Practical + Internal	
		05130309	Technical Writing and Seminar - Practical	Practical	SEC	Core	Separate				4	48													40	Practical + Internal	
		05130310	Evaluative Clinical Practice - III	Practical	Core	Core	Separate				4	48													40	Practical + Internal	
			Total Credit for Semester					16	4	10	34	408															
	05130401	MRI & CT Clinical Applications & Imaging Protocols	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16					40	Theory + Internal		

Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Science
SGT University, Gurugram

Registrar
SGT University
Budhera Gurugram

Deputy Registrar
SGT University
Budhera (Gurugram)

7/7/22

100

Name of the Faculty : Faculty of Allied Health Science

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

Council Code (if any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	Theory/ Practical	Core/ Core	Theory/ Practical	L	T	P	Credits	Contact Hours	Theory			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)											
													Max	Pass	Practical	Viva-vocs	Max	Pass	Demonstration/Presentation	Lab Work	Midterm		Conduct/Demonstration	Max	Pass	Overall Pass Marks							
	05130402	MRI & CT Clinical Applications & Imaging Protocols	Practical	Core	Core	Core	3	1	4	2	24	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical + Internal		
	05130403	Interventional Diagnostic in Modern Imaging Technology	Practical	Core	Core	Core	3	1	4	2	24	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical + Internal		
	05130404	Interventional Diagnostic in Modern Imaging Technology - Practical	Practical	Core	Core	Core	3	1	4	2	24	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical + Internal		
	05130405	Dissertation-practical	Practical	SEC	Core	Core			24	12	144	144									60	60	120	48	30	30	90	180	72	120	Practical + Internal		
	05130406	Evaluative Clinical Practice-IV	Practical	Core	Core	Core			8	8	96	96									20	20	40	16	10	10	30	60	24	40	Practical + Internal		
		Total Credit for Semester					6	2	32	32	384	384																					
		Total Credits for Degree					56	12	66	130	1560	1560																					

sequence of codes verified and copy recorded to ERP support for updation.

Registrar

Deputy Registrar
SGT University
Budhera (Gurugram)

[Handwritten Signature]

Registrar
SGT University
Budhera, Gurugram

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

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

Handwritten signature

Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Sciences
Sri University, Gurugram

Registrar
Sri University
Budhera, Gurugram

Registrar
Sri University
Budhera (Gurugram)

Semester/Year		Name of the Course : Bachelor of Science (Radio-Imaging Technology) : 2022-23 onwards		Name of the Faculty : Faculty of Allied Health Science										
Council Code (If any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical (Result Combined or Separate)	Theory		Theory/Internal		Practical		Practical (Internal)		Scheme of Examinations (Theory+Internal) OR (Practical+Internal)
						Max	Pass	Max	Pass	Max	Pass	Max	Pass	
	05280502	MRI Clinical Applications & Imaging protocols-Practical	Practical	Core	Separate	48	24	10	10	10	10	15	15	40
	05280503	Intervention in Diagnostic Radiology	Theory	Core	Separate	4	2	10	10	10	10	15	15	40
V	05280504	Intervention in Diagnostic Radiology-Practical	Practical	Core	Separate	24	12	10	10	10	10	15	15	40
	05280505	CT Clinical Applications & Imaging Protocols	Theory	Core	Separate	4	2	10	10	10	10	15	15	40
	05280506	CT Clinical Applications & Imaging Protocols- Practical	Practical	Core	Separate	24	12	10	10	10	10	15	15	40
	05280507	Research Methodology & Biostatistics	Theory	Core	Separate	24	12	10	10	10	10	15	15	40
	05280508	Hospital management and Medical Ethics		Core	Separate	4	2	10	10	10	10	15	15	40
		Total Credit for Semester				13	6	24	12	24	12	24	12	160
VI	05280601	Evaluative clinical Training and Internship	Practical	Core	Separate	192	96	160	160	160	160	240	240	160
	05280602	Technical Writing	Practical	Core	Separate	48	24	40	40	40	40	60	60	40
		Total Credit for Semester				20	10	240	240	240	240	300	300	40
		Total Credits for Degree				83	41	148	148	1776	1776	1776	1776	160

Sequence of codes verified and copy forwarded to ERP support for updation.

M. Ejaz Hussain
 7/7/22

Suman
 Registrar
 SGT University
 Budhera (Gurugram)

Registrar
 SGT University
 Budhera, Gurugram

Name of the Faculty : Allied Health Science

Name of the Course : Master of Science (Anaesthesia & Operation Theatre Technology) : 2022-23 [V2]

Semester/Year	Council Code (If any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical (Result Combined or Separate)	L T P	Credits	Contact Hours	Theory			Theory(Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)					
										Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Attendance	Midterm	Conduct/Demonstration	Max		Pass	Overall Pass Marks			
I		05550101	Clinical Pharmacology	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal				
		05550102	Clinical Pathology	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal				
		05550103	Clinical Pathology - Practical	Practical	Core	Separate	4	2	24									10	10	20	8	5	15	30	12	20	Practical + Internal
		05550104	Clinical Microbiology	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550105	Clinical Microbiology - Practical	Practical	Core	Separate	4	2	24									10	10	20	8	5	15	30	12	20	Practical + Internal
		05550106	Applied Physics	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550107	Research Methodology & Biostatistics	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550108	Critical Research Appraisal	Practical	Core	Separate	4	2	24									10	10	20	8	5	15	30	12	20	Practical + Internal
			Total Credits for Semester				26	312																			
II		05550201	Medicine relevant to OT	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal				
		05550202	Basics of Anaesthesia	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal				
		05550203	Basics of Anaesthesia- Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550204	Basics of Surgery	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550205	Basics of Surgery- Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550206	CSSD Procedures, Sterilization Procedures	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550207	CSSD Procedures, Sterilization Procedures - Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550208	Basic Procedures & Techniques	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
III		05550209	Basic Procedures & Techniques - Practical	Practical	Core	Separate	4	2	24							10	10	20	8	5	15	30	12	20	Practical + Internal		
		05550210	Project Development	Practical	Core	Separate	4	2	24							10	10	20	8	5	15	30	12	20	Practical + Internal		
			Total Credits for Semester					30	360																		
		05550301	Anaesthesia Delivery System & Equipments used in OT	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550302	Anaesthesia Delivery System & Equipments used in OT - Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550303	Periop Anaesthetic Techniques, Preparation	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550304	Periop Anaesthetic Techniques, Preparation - Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550305	Preparation for Various Surgeries	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
IV		05550306	Preparation for Various Surgeries - Practical	Practical	Core	Separate	4	2	24							10	10	20	8	5	15	30	12	20	Practical + Internal		
		05550307	Basic Intensive Care	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550308	Basic Intensive Care- Practical	Practical	Core	Separate	4	2	24							10	10	20	8	5	15	30	12	20	Practical + Internal		
			Total Credits for Semester					24	288																		
		05550401	Anaesthesia for Speciality Surgeries & Situations	Theory	Core	Separate	3	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal			
		05550402	Anaesthesia for Speciality Surgeries & Situations -Practical	Practical	Core	Separate	4	2	24								10	10	20	8	5	15	30	12	20	Practical + Internal	
		05550403	Research Project	Practical	Core	Separate	20	10	120								50	50	100	40	25	25	75	150	60	100	practical + Internal
				Total Credits for Semester				16	192																		

Sequence of codes verified and copy forwarded to ERP support for updation

[Signature]
30/9/22

[Signature]
DEAN
19/10/22

FACULTY OF ALLIED HEALTH SCIENCES

Name of the Course : Bachelor of Science (Operation Theatre Technology) : 2022-23 onwards

Semester/Year	Council Code (if any)	Subject Code	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical or EIP	Result/Practical or Theory/Practical (Separate)	Credits	Contact Hours	Theory			Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)						
									Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass		Attendance	Project/Laboratory Work	Midterm	Max	Pass	Overall Pass Marks
V		05290504	Regional Anaesthesia Techniques - Practical	Core	Core	Separate	4	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290505	Operation Theatre Technology - Applied	Core	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290506	Operation Theatre Technology - Applied - Practical	Core	Core	Separate	4	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290507	Research Methodology and Biostatistics	Core	Core	Separate	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
			Total Credit for Semester			13	12	22	264																		
VI		05290601	Operation theatre technology-Advanced	Core	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290602	Post Anaesthesia Care Unit	Core	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290604	Anaesthesia For speciality surgeries	Core	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
		05290606	Basic Intensive Care	Core	Core	Separate	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	20	Practical+Internal
			Total Credit for Semester			13	3	16	24																		
			Total Credits for Degree			92	24	68	150	1680																	

Sequence of codes verified and copy forwarded to ERP support for updation.

Fumer
 Deputy Registrar
 SGT University
 Budhera (Gurugram)

Munim 7/7/22
 Prof. M. Ejaz Hussain,
 Dean, Faculty of Allied Health Sciences
 SGT University, Gurugram

[Signature]
 Registrar
 SGT University
 Budhera, Gurugram

Name of the Faculty : Allied Health Sciences

Name of the Course : Bachelor of Optometry : 2022-23 onwards

Semester/Year	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE For ERP	Theory/Practical or (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory			Practical			Practical (Internal)					Scheme of Examinations (Theory+Internal) OR (Practical+Internal)								
												Pass	Attendance	Midterm	Assignment	Max	Pass	Attendance	Midterm	Project/Laboratory Work	Conduct/Demonstration	Max		Pass	Overall Pass Marks						
I		05300101	Human Anatomy	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal						
		05300102	Human Physiology	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal						
		05300103	General Microbiology & Pathology	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal						
		05300104	Physical and Geometrical Optics	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16					40	Theory + Internal						
		05300105	Physical and Geometrical Optics Practical	Practical	Core	Separate	0	4	2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
		05300106	Communication Skills and Personality Development	Theory	Core	Separate	4	0	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
			Total Credit for Semester				16	4	4	22	264																				
II		05300201	Ocular Anatomy, Physiology & Biochemistry	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal					
		05300202	Ocular Pharmacology	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal					
		05300203	Clinical Examination of Visual System	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16						40	Theory + Internal					
		05300204	Clinical Examination of Visual System Practical	Practical	Core	Separate	0	4	2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
		05300205	Visual Optics I	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300206	Visual Optics I - Practical	Practical	Core	Separate	0	4	2	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
			Total Credit for Semester				16	4	8	24	288																				
III		05300301	Ocular Diseases I	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300302	Ocular Diseases I - Practical	Practical	Core	Separate	0	4	2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
		05300303	Optometric Instruments I	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300304	Optometric Instruments I - Practical	Practical	Core	Separate	0	4	2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
		05300305	Visual Optics II	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16								40	Theory + Internal			
		05300306	Visual Optics II - Practical	Practical	Core	Separate	0	4	2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
IV		05300307	Public Health and Community Optometry	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300308	Environmental Science	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300309	Medical Emergencies & Patient Care	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
			Total Credit for Semester				18	6	12	30	360																				
		05300401	Ocular Diseases II	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16								40	Theory + Internal			
		05300402	Ocular Diseases II - Practical	Practical	Core	Separate	0	4	2	2	24								10	10	20	8	5	5	5	15	30	12	20	Practical + Internal	
V		05300403	Optometric Instruments II	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300404	Optometric Instruments II - Practical	Practical	Core	Separate	0	4	2	2	24							10	10	20	8	5	5	5	5	15	30	12	20	Practical + Internal	
		05300405	Binocular Vision and Orthoptics I	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300406	Binocular Vision and Orthoptics I - Practical	Practical	Core	Separate	0	4	2	2	24							10	10	20	8	5	5	5	5	15	30	12	20	Practical + Internal	
		05300407	Investigations in Clinical Ophthalmology	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
		05300408	Contact Lens I	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16							40	Theory + Internal				
	05300409	Contact Lens I - Practical	Practical	Core	Separate	0	4	2	2	24							10	10	20	8	5	5	5	5	15	30	12	20	Practical + Internal		
			Total Credit for Semester				15	5	16	28	336																				
	05300501	Contact Lens II	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16								40	Theory + Internal				
	05300502	Contact Lens II - Practical	Practical	Core	Separate	0	4	2	2	24							10	10	20	8	5	5	5	5	15	30	12	20	Practical + Internal		
	05300503	Dispensing Optics	Theory	Core	Separate	3	1	0	4	48	60	24	0	20	10	10	40	16								40	Theory + Internal				

Registrar
SGT University
Budhera Gurugram

Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Sciences
SGT University, Gurugram

Registrar
SGT University
Budhera Gurugram

Deputy Registrar
SGT University
Budhera (Gurugram)

Name of the Faculty : Faculty of Allied Health Science
Name of the Course : Master of Science (Medical Laboratory Technology) [Microbiology/Biochemistry] : 2022-23 onwards

Semester/Year	Council Code (if any)	Subject Code	Nomenclature	Theory/ Practical	Core/AECC/SECI/DSE/GE/ERP	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)									
												Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation		Viva-voce	Max	Pass	Conduct/Demonstration	Max	Pass	Overall Pass Marks		
		05160105	General Microbiology & Bacteriology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160106	General Microbiology & Bacteriology - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160107	Human Physiology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160108	Critical Research appraisal - Practical	Practical	Core	Separate	3	1	2	24												8	5	5	15	30	12	40	Theory + Internal	
		05160109	Evaluative Clinical Practice - I	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160110	Fundamentals of Biochemistry	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160111	Fundamentals of Biochemistry - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160112	Fundamentals of Biochemistry - Practical	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160113	Cellular and Clinical Pathology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160114	Cellular and Clinical Pathology - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160115	Research Methodology and Biostatistics	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160115	Research Methodology and Biostatistics	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
			Total Credit for Semester				15	5	12	32	384																			
		05160208	Evaluative Clinical Practice -II	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160209	Molecular Biology and Diagnostic	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160210	Molecular Biology and Diagnostic - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160211	Metabolism of Biomolecules	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160212	Metabolism of Biomolecules - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160213	Blood banking, histopathology and cytology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160214	Blood banking, histopathology and cytology - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160215	Blood banking, histopathology and cytology - Practical	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160216	Basic concepts of Immunology & Antimicrobials	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal	
		05160217	Basic concepts of Immunology & Antimicrobials - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
		05160217	Project Development and Seminar - Practical	Practical	Core	Separate	3	1	4	24												8	5	5	15	30	12	40	Theory + Internal	
			Total Credit for Semester				12	4	16	30	360																			
			Microbiology																											
		05160311	Advanced techniques in Immunology and Microbiology	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160312	Advanced techniques in Immunology and Microbiology-Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160313	Applied Microbiology and Virology	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160314	Applied Microbiology and Virology-Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160315	Laboratory management of fungal and parasitic infections	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160316	Laboratory management of fungal and parasitic infections-Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160317	Hospital infection control and recent advancement techniques in Microbiology	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160317	Hospital infection control and recent advancement techniques in Microbiology	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
			Biochemistry																											
		05160318	Clinical Biochemistry	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160319	Clinical Biochemistry - Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160320	Molecular Diagnosis & Recombinant DNA Technology	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160321	Molecular Diagnosis & Recombinant DNA Technology - Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160322	Recent Advances in Biochemistry	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160323	Recent Advances in Biochemistry - Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160324	Advance Technologies in Molecular Biology & Biochemistry	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160325	Advance Technologies in Molecular Biology & Biochemistry - Practical	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
		05160326	Technical Writing and Seminar - Practical	Theory	Core	DSE	Separate	3	1	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	15	30	12	40	Theory + Internal
		05160326	Evaluative Clinical Practice - III	Practical	Core	DSE	Separate	3	1	4	24											8	5	5	15	30	12	40	Theory + Internal	
			Total Credit for Semester				12	4	12	30	360																			

M. Manoj
DEAN
 Faculty of Allied Health Sciences
 SGT University, Gurugram

Vishu
 19/7/22

19/7/22

**Name of the Faculty : Faculty of Allied Health Science
Name of the Program : Bachelor of Science (Medical Laboratory Technology) : 2022-23 onwards**

Semester	Subject Code (If any)	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical (Result Combined or Separate)	Credits	Contact Hours	Theory				Theory (Internal)				Practical				Practical (Internal)				Scheme of Examinations (Theory+Internal) OR (Practical+Internal)					
								Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Project/Laboratory Work	Midterm	Conduct/Demonstration		Max	Pass	Overall Pass Marks		
	05270101	Human Anatomy	Theory	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270102	Human Anatomy - Practical	Practical	Core	Separate	3	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270103	Human Physiology	Theory	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270104	Human Physiology - Practical	Practical	Core	Separate	3	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270105	Basic Biochemistry	Theory	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270106	Basic Biochemistry - Practical	Practical	Core	Separate	3	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270107	General Microbiology	Theory	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270108	General Microbiology - Practical	Practical	Core	Separate	3	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270109	Basic Pathology and Hematology	Theory	Core	Separate	3	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270110	Basic Pathology and Hematology - Practical	Practical	Core	Separate	3	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270111	Communication Skills and Personality Development	Theory	Core	Separate	4	12	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal	
	05270201	Human Anatomy	Theory	Core	Separate	19	0	10	29	348																		Theory+Internal	
	05270202	Human Anatomy - Practical	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270203	Human Physiology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270204	Human Physiology - Practical	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270205	Laboratory apparatus, reagents and concepts of SI	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270206	Laboratory apparatus, reagents and concepts of SI - Practical	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270207	Basic concepts of immunology and systemic bacteriology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270208	Basic concepts of immunology and systemic bacteriology - Practical	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270209	Systemic and clinical Pathology	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270210	Systemic and clinical Pathology - Practical	Practical	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270211	Fundamentals of Computer Science	Theory	Core	Separate	3	1	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270301	Enzymology and clinical Biochemistry	Theory	Core	Separate	18	6	10	29	348																		Theory+Internal	
	05270302	Enzymology and clinical Biochemistry - Practical	Practical	Core	Separate	3	1	3	36	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270303	Mycology and Parasitology	Theory	Core	Separate	3	1	4	24	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270304	Mycology and parasitology - Practical	Practical	Core	Separate	3	1	3	36	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270305	Fundamentals of Histology, Cytology and Hematology	Theory	Core	Separate	4	2	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270306	Fundamentals of Histology, Cytology and Hematology - Practical	Practical	Core	Separate	3	1	3	36	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270307	Environmental Science	Theory	Core	Separate	4	2	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270308	Medical Emergencies and patient care	Theory	Core	Separate	4	4	48	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270401	Enzymology and clinical Biochemistry	Theory	Core	Separate	17	3	12	23	276																		Theory+Internal	
	05270402	Enzymology and clinical Biochemistry - Practical	Practical	Core	Separate	3	1	3	36	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270403	Virology, Specimen handling and applied microbiology	Theory	Core	Separate	3	1	4	24	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270404	Virology, specimen handling and applied Microbiology - Practical	Practical	Core	Separate	3	1	3	36	60	24	0	20	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270405	General Pathology and transfusion medicine	Theory	Core	Separate	4	2	24	60	24	0	20	10	10	40	16	10	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal
	05270406	General Pathology and transfusion medicine - Practical	Practical	Core	Separate	3	1	4	2	36	60	24	0	20	10	40	16	10	20	8	5	5	5	5	15	30	12	40	Theory+Internal

M. Ejaz Hussain

Prof. M. Ejaz Hussain
Dean, Faculty of Allied Health Science
SGT University, Gurugram

Dr. Anshu K
SGT University
Bathinda, Punjab

Dr. Anshu K
Registrar
SGT University
Bathinda (Gurugram)

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Bachelor of Science (Cardiac Care Technology) : 2022-23 onwards

Semester	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical (Result Combined or Separate)	Credits	Theory				Practical				Scheme of Examinations (Theory+Internal) OR (Practical+Internal)															
								Max	Pass	Attendance	Midterm	Assignment	Professional Activities	Pass	Demonstration/Presentation		Viva-voce	Max	Conduct/Demonstration	Midterm	Project/Laboratory Work	Attendance									
I		05390101	Human Anatomy-I	Theory	Core	Separate	3	1	0	4	48	24	0	20	10	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390102	Human Anatomy-I - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390103	Human Physiology-I	Theory	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390104	Human Physiology-I - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390105	Basic Biochemistry	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390106	Basic Biochemistry- Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390107	Communication Skills & Personality Development	Theory	Aecc	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390108	General Microbiology	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390109	General Microbiology-Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
			Total Credit for Semester				15	5	8	24	288																				
II		05390203	Applied Biochemistry	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390204	Applied Biochemistry- Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390207	Pharmacology-I	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390208	Fundamentals of Computer Science	Theory	Aecc	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390209	Human Anatomy-II	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390210	Human Physiology-II	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390211	Pathology	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390212	Pathology- Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
				Total Credit for Semester				18	6	8	28	336																			
III		05390301	Applied Pathology	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390302	Applied Pathology - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390303	Pharmacology-II	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390306	Environmental Science	Theory	Aecc	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390308	Basics of Cardiac Care Tech.	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390309	Basics of Cardiac Care Tech. - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390310	Medical emergencies and Patient care	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
				Total Credit for Semester				15	5	8	24	288																			
	IV		05390403	Basic Cardiac Evaluation	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal
		05390404	Basic Cardiac Evaluation - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390405	Coronary Angiography	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390406	Coronary Angiography - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390409	Medical Disorder & Intensive Care	Theory	Aecc	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390410	Medical Disorder & Intensive Care-Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
				Total Credit for Semester				9	3	12	18	216																			
V			05390501	Cardiac Evaluation	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal
			05390502	Cardiac Evaluation - Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal
		05390507	Research Methodology & Biostatistics	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390508	Hospital Management & Medical Ethics	Theory	Aecc	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390509	Cardiac Therapies	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390510	Cardiac Therapies -Practical	Practical	Core	Separate	3	1	2	1	12	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
		05390511	Cardiac Care Technology Clinical	Theory	Core	Separate	3	1	4	4	48	60	24	0	20	10	40	16	10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
				Total Credit for Semester				9	3	12	18	216																			

Signature
19/7/22
DEAN 19/7/22

Signature
19/7/22

Signature
19/7/22

Signature

Faculty of Allied Health Sciences
SGT University, Gurugram

enc

Name of the Faculty : Faculty of Allied Health Science		Name of the Course : Bachelor of Science (Cardiac Care Technology) : 2022-23 onwards																					
Semester	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical		Core/AECC/SECI/DSE/GE		Theory/Practical (Result Combined or Separate)	Credits	Contact Hours	Theory (Internal)				Practical (Internal)				Scheme of Examinations (Theory+Internal) OR (Practical+Internal)				
				Practical	Theory	Core	GE				Pass	Midterm	Assignment	Professional Activities	Max	Pass	Demonstration/Presentation	Viva-voce		Max	Pass	Attendance	Project/Laboratory Work
		05390512	Cardiac Care Technology Clinical - Practical					Separate	4	24	Max	10	10	10	20	8	5	5	15	30	12	20	(Practical+Internal)
			Total Credit for Semester	15	5	12	26	312															
VI		05390605	Technical Writing					Separate	8	48													
		05390606	Evaluative Clinical Training And Internship					Separate	16	192													
			Total Credit for Semester	0	0	8	20	240															
			Total Credits for Degree	72	24	56	140	1680															

Vidya
19/7/22

[Signature]
DEAN

Faculty of Allied Health Sciences
SGT University, Gurugram.

Sequence of codes verified and copy forwarded to ERP support for updation

[Signature]
19/7/22

[Signature]
19/7/22

Name of the Faculty : Faculty of Allied Health Science
Name of the Course : Bachelor of Science (Renal Dialysis Technology) : 2022-23 onwards

Semester	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical (Separate/Combined or For ERP)	Credits	Contact Hours	Theory			Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)			
									Max	Pass	Midterm	Attendance	Assignment	Professional Activities	Pass	Demonstration/Presentation	Viva-voice	Max	Pass	Midterm		Attendance	Project/Laboratory Work	Conduct/Demonstration
I		05410101	Human Anatomy-I	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410102	Human Anatomy-II - Practical	Practical	Core	Separate	1	12														20	Practical+Internal	
		05410103	Human Physiology-I	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410104	Human Physiology-II - Practical	Practical	Core	Separate	1	12														20	Practical+Internal	
		05410105	Basic Biochemistry	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410106	Basic Biochemistry - Practical	Practical	Core	Separate	1	12														20	Practical+Internal	
II		05410107	Communication Skills & Personality Development	Theory	Aecc	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410108	General Microbiology	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410109	General Microbiology-Practical	Practical	Core	Separate	1	12														20	Practical+Internal	
			Total Credit for Semester				15	5	8	24	288													
		05410203	Applied Biochemistry	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16							40	Theory+Internal
		05410204	Applied Biochemistry - Practical	Practical	Core	Separate	1	24															20	Practical+Internal
III		05410207	Pharmacology-I	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410208	Fundamentals of Computer Science	Theory	Aecc	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410209	Human Anatomy-II	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410210	Human Physiology-II	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410211	Pathology	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410212	Pathology - Practical	Practical	Core	Separate	1	24															20	Practical+Internal
IV			Total Credit for Semester				18	6	8	28	336													
		05410301	Applied Pathology	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410302	Applied Pathology - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
		05410303	Pharmacology-II	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410304	Introduction to Renal Dialysis	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410305	Introduction to Renal Dialysis - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
V		05410306	Environmental Science	Theory	Aecc	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410308	Medical emergencies and Patient care	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
			Total Credit for Semester				15	5	8	24	288													
		05410409	Hemodialysis - I	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410410	Hemodialysis - I - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
		05410411	Peritoneal Dialysis	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
VI		05410412	Peritoneal Dialysis - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
		05410413	Medical Disorders & Intensive care	Theory	Aecc	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410414	Medical Disorder & Intensive Care-Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
			Total Credit for Semester				9	3	12	18	216													
		05410501	Hemodialysis - II	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410502	Hemodialysis - II - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
VII		05410507	Research Methodology & Biostatistics	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410508	Hospital Management & Medical Ethics	Theory	Aecc	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410509	Dialysis in Special Situations	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410510	Dialysis in Special Situations -Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
		05410511	Recent Advances in Dialysis Technology	Theory	Core	Separate	3	48	60	24	20	0	10	10	40	16						40	Theory+Internal	
		05410512	Recent Advances in Dialysis Technology - Practical	Practical	Core	Separate	1	24														20	Practical+Internal	
		Total Credit for Semester				15	5	12	26	312														

Nisha
19/7/22

[Signature]
19/7/22

[Signature]
DEAN
Faculty of Allied Health Sciences
SGT University, Gurugram

Name of the Faculty : Faculty of Allied Health Science
Name of the Course : Bachelor of Science (Perfusion Technology) : 2022-23 onwards

Semester	Council Code (if any)	Subject Code	Nomenclature	Theory/Practical	Core/AECC/SEC/DSE/GE	Theory/Practical or ERP	Theory/Practical or (Result Combined or Separate)	Credits	Contact Hours	Theory			Theory (Internal)			Practical			Practical (Internal)			Scheme of Examinations (Theory+Internal) OR (Practical+Internal)		
										Max	Pass	Attendance	Midterm	Assignment	Professional Activities	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass		Conduct/Demonstration	Midterm
I		05-400101	Human Anatomy-I - Practical	Theory	Core	Separate	Separate	1	48	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400102	Human Anatomy-I - Practical	Practical	Core	Separate	Separate	2	12	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400103	Human Physiology-I - Practical	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400104	Human Physiology-I - Practical	Practical	Core	Separate	Separate	2	12	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400105	Basic Biochemistry	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400106	Basic Biochemistry- Practical	Practical	Core	Separate	Separate	2	12	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400107	Communication Skills & Personality Development	Theory	Aecc	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400108	General Microbiology	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400109	General Microbiology-Practical	Practical	Core	Separate	Separate	2	12	60	24	0	20	10	10	40	16					20	Practical+Internal	
				Total Credit for Semester					15	8	24	288												
II		05-400203	Applied Biochemistry	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400204	Applied Biochemistry- Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400207	Pharmacology-I	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400209	Human Anatomy-II	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400210	Human Physiology-II	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400211	Pathology	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400212	Pathology- Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400213	Fundamentals of Computer Science	Theory	Aecc	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
				Total Credit for Semester					18	6	28	336												
	III		05-400301	Applied Pathology	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal
		05-400302	Applied Pathology - Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400303	Pharmacology-II	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400304	Introduction to Perfusion Tech.	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400305	Introduction to Perfusion Tech. - Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400306	Environmental Science	Theory	Core	Aecc	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal
		05-400308	Medical emergencies and Patient care	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
				Total Credit for Semester					15	5	8	248												
IV			05-400403	Basics of Pumps, Oxygenators & Blood components	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal
			05-400404	Basics of Pumps, Oxygenators & Blood components - Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal
		05-400405	Conduction of CPB	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	
		05-400406	Conduction of CPB - Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
		05-400409	Medical Disorder & Intensive Care	Theory	Core	Aecc	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal
		05-400410	Medical Disorder & Intensive Care-Practical	Practical	Core	Separate	Separate	4	24	60	24	0	20	10	10	40	16					20	Practical+Internal	
				Total Credit for Semester					9	3	12	18	216											
		05-400507	Research Methodology & Biostatistics	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16						40	Practical+Internal
		05-400508	Hospital Management & Medical Ethics	Theory	Core	Aecc	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal
		05-400509	Myocardial Protection & Drugs in CPB	Theory	Core	Separate	Separate	3	4	60	24	0	20	10	10	40	16					40	Practical+Internal	

[Signature]
19/11/22

[Signature]
DEAN

Faculty of Allied Health Sciences
SGT University, Gurugram

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Master of Science (Nutrition and Dietetics) : 2022-23 onwards

Semester/Year	Subject Code (If any)	Nomenclature	Theory/Practical	Core/AIECC/SEC/ JSE/ GE	For ERP	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory			Practical			Theory (Internal)			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		
	05380101	Nutritional Biochemistry	Theory	Core	Core	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380102	Nutritional Biochemistry - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380103	Advanced Nutrition	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380104	Advanced Nutrition - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380105	Nutritional Management	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380106	Nutritional Management - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380107	Human Physiology	Theory	DSE	Core	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380108	Research Methodology and Biostatistics	Theory	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380109	Critical Research Appraisal - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
		Total Credit for Semester					18	2	16	26	312													20	
	05380201	Clinical Nutrition and Dietetics	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380202	Clinical Nutrition and Dietetics - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380203	Applied Food Science and Product Modification	Theory	Core	Core	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380204	Applied Food Science and Product Modification - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380205	Food Microbiology	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380206	Food Microbiology - Practical	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380207	Nutrigenomics	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380208	Human Value & Professional Ethics	Theory	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380209	Project Development	Practical	Core	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
		Total Credit for Semester					15	1	16	26	312													20	
	05380308	Technical Writing and Seminar - Practical	Practical	SEC	Core	Separate			4	2	24													40	Theory + Internal
	05380301	Public Health Nutrition	Theory	Core	Core	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380302	Nutrition Programme Planning and Management	Practical	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380303	Nutrition Programme Planning and Management - Practical	Theory	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380304	Health Promotion and Nutrition Communication	Practical	Core	DSE	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380305	Health Promotion and Nutrition Communication - Practical	Theory	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380306	Nutrition Policy and Programmes	Theory	Core	DSE	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380307	Nutrition Policy and Programmes - Practical	Practical	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380308	Nutritional Epidemiology	Theory	Core	DSE	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380309	Technical Writing and Seminar - Practical	Practical	SEC	Core	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380309	Clinical Nutrition	Theory	Core	DSE	Separate	4		4	4	48	60	24											40	Theory + Internal
	05380310	Medical Nutrition Therapy	Practical	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380311	Medical Nutrition Therapy - Practical	Theory	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380312	Food Service Management	Theory	Core	DSE	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380313	Food Service Management - Practical	Practical	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380314	Public Health Nutrition	Theory	Core	DSE	Separate	3	1	4	4	48	60	24											40	Theory + Internal
	05380315	Public Health Nutrition - Practical	Practical	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
	05380315	Critical Care in Nutrition	Theory	Core	DSE	Separate	4		2	2	24	60	24											40	Theory + Internal
		Total Credit for Semester					28	4	28	46	552													40	Theory + Internal

Registrar
SGT University
Budhera, Gurugram

Prof. M. Elazm
Dean, Faculty of Allied Health Sciences
SGT University, Gurugram

MP
7/7/22

