

SEMESTER I (COMMON)													
CORE COURSES													
Course Code & Course		Theory Credits (Total Hours)	Practical Credits (Total Hours)	Teaching Hours Per Week		Examination Scheme							
						Theory Marks			Practical Marks				
				Theory/Tutorial	Practical	U/E	I/A	Total	U/E	I/A	Total		
AH 101	ANATOMY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100		
AH 102	PHYSIOLOGY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100		
AH 103	BIOCHEMISTRY	2 (30)	2.5(75)	3	4	40	20	60	60	40	100		
AH 104	ENGLISH	3 (45)	-	3	-	60	40	100	-	-	-		
ABILITY ENHANCEMENT ELECTIVE COURSE													
AEEC 105	PRINCIPLES OF NURSING	2 (30)	2.5(75)	3	4	40	20	60	60	40	100		
CORE ELECTIVE COURSES													
CEC 106	COMMUNICATION SKILLS*	2 (30)	-	2	-	60	40	100	-	-	-		
CEC 107	COMPUTER RELATED TO MEDICAL CARE **	1(15)	1 (30)	1	2	40	20	60	60	40	100		
1 theory credit = 15 classroom &/or experiential learning hours									1 practical credit = 30 practical training hours			Total Credit Points	25
Note : Students have chosen all subjects for studying in Semester I													

SEMESTER II COMMON)													
CORE COURSES													
Course Code & Course		Theory Credits (Total Hours)	Practical Credits (Total Hours)	Teaching Hours Per Week		Examination Scheme							
						Theory Marks			Practical Marks				
				Theory/ Tut/ Sem	Practical	U/E	I/A	Total	U/E	I/A	Total		
AH 201	MICROBIOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
AH 202	PATHOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
AH 203	PHARMACOLOGY	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
AH 204	COMMUNITY MEDICINE	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
ABILITY ENHANCEMENT ELECTIVE COURSE													
AEEC 205	ENVIRONMENT STUDIES	3 (45)	-	3	-	60	40	100	-	-	-		
CORE ELECTIVE COURSE													
CEC 206	HOSPITAL OPERATIONAL MANAGEMENT	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
OR													
CEC 207	INTRODUCTION TO QUALITY AND PATIENT SAFETY	2 (30)	2 (60)	2	4	40	20	60	60	40	100		
1 theory credit = 15 classroom &/or experiential learning hours									1 practical credit = 30 practical training hours			Total Credit Points	23

SEMESTER III (RADIOLOGY & IMAGING TECHNOLOGY)

CORE COURSE

Course Code & Course		Theory Credits (Total Hours)	Practical Credits (Total Hours)	Teaching Hours Per Week		Examination Scheme						
				Theory/ Tutorial	Practical	Theory Marks			Practical Marks			
						U/E	I/A	Total	U/E	I/A	Total	
RIT 301	RADIOLOGY PHYSICS	2 (30)	2(60)	2	4	60	20	80	80	40	120	
RIT 302	DARK ROOM TECHNIQUES	2 (30)	2(60)	2	4	60	20	80	80	40	120	
RIT 303	EQUIPMENTS IN RADIOLOGY	2 (30)	2(60)	2	4	60	20	80	80	40	120	
RIT 304	BASIC IMAGING	2 (30)	3(90)	2	6	60	20	80	80	40	120	
RIT 305	ANATOMY (CROSS SECTIONAL)	2 (30)	2(60)	2	4	60	20	80	80	40	120	
ABILITY ENHANCEMENT ELECTIVE COURSE												
RIT/AEEC 306	BIostatistics AND RESEARCH METHODOLOGY	2 (30)		2		60	40	100				
OR												
RIT/AEEC 307	MEDICAL RECORDS MANagements	2 (30)		2		60	40	100				
1 theory credit = 15 classroom &/or experiential learning hours									1 practical credit = 30 practical training hours		Total Credit Points	23

SEMESTER IV (RADIOLOGY & IMAGING TECHNOLOGY)
SEMESTER V (RADIOLOGY & IMAGING TECHNOLOGY)
CORE COURSE
CORE COURSE

Course Code & Course		Theory Credits (Total Hours)	Practical Credits (Total Hours)	Teaching Hours Per Week			Examination Scheme							
				Teaching Hours Per Week			Theory Marks			Practical Marks				
				Theory/Tutorial	Practical	Tut/Sem	U/E	I/A	Total	U/E	I/A	Total		
RIT 401	RADIATION SAFETY DIGITAL RADIOGRAPHY	2 (30)	2 (60)	2	2	4	4	60	20	80	80	40	120	
RIT 402	POSITIONING ADVANCED ULTRASOUND	2 (30)	2 (60)	2	2	4	4	60	20	80	80	40	120	
RIT 403	PROCEDURES ADVANCED CT IMAGING	2 (30)	3 (90)	2	2	4	6	60	20	80	80	40	120	
RIT 404	BASIC ULTRASOUND (I) BASIC MRI (I)	2 (30)	2 (60)	2	2	4	4	60	20	80	80	40	120	
RIT 405	PRINCIPLES OF INTERVENTION	2 (30)	2 (60)	1	2	2	4	60	20	80	80	40	120	
RIT 506	CONTRAST MEDIA	1 (15)	1 (30)	ABILITY ENHANCEMENT ELECTIVE COURSE			60	20	80	80	40	120		
RIT/ AEEC 406	ORGANIZATION BEHAVIOUR	2 (30)	2 (60)	ABILITY ENHANCEMENT ELECTIVE COURSE			60	40	100					
AEEC 507	MEDICAL BIOETHICS	2(30)		2 OR			60	40	100					
RIT/ AEEC 407	PERSUIT OF INNER SELF EXCELLENCE	2 (30)	-	OR			60	40	100					
RIT/ AEEC 508	HUMAN RIGHTS & PROFESSIONAL VALUE	1 theory credit = 15 classroom &/or experiential learning hours 2(30)		1 practical credit = 30 practical training hours 2			60	40	100	Total Credit Points		23		
1 theory credit = 15 classroom &/or experiential learning hours										1 practical credit = 30 practical training hours			Total Credit Points	23

SEMESTER VI (RADIOLOGY & IMAGING TECHNOLOGY)

CORE COURSE

Course Code & Course		Theory Credits (Total Hours)	Practical Credits (Total Hours)	Teaching Hours Per Week		Examination Scheme							
						Theory Marks			Practical Marks				
				Theory/ Tutorial	Practical	U/E	I/A	Total	U/E	I/A	Total		
RIT 601	NEWER TECHNIQUES IN MRI	2 (30)	3(90)	2	6	60	20	80	80	40	120		
RIT602	MODERN CT & ITS APPLICATIONS	2 (30)	2(60)	2	4	60	20	80	80	40	120		
RIT 603	SPECIAL TECHNIQUES IN ULTRASOUND	2 (30)	2(60)	2	4	60	20	80	80	40	120		
RIT 604	DIGITAL IMAGINIG	3 (45)	3(90)	3	6	60	20	80	80	40	120		
RIT 605	QUALITY ASSURANCE IN RADIO IMAGING	2 (30)	-	2	-	60	20	80					
RIT 606	MEDICOLEGAL ASPECTS	2 (30)	-	2	-	60	20	80					
1 theory credit = 15 classroom &/or experiential learning hours									1 practical credit = 30 practical training hours			Total Credit Points	23

