

Study & Evaluation Scheme of Bachelor of Science in Medical Radiology and Imaging Technology

[Applicable for 2022-25]

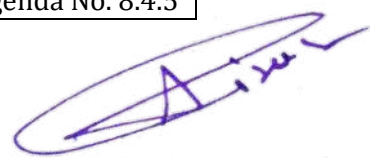
Version 2022

[As per CBCS guidelines given by UGC]



Approved in BOS	Approved in BOF	Approved in Academic Council
31-05-2022	08-08-2022	20-10-2022 Vide Agenda No. 8.4.5




Registrar
Quantum University

Quantum University, Roorkee

22 KM Milestone, Dehradun-Roorkee Highway, Roorkee (Uttarakhand)

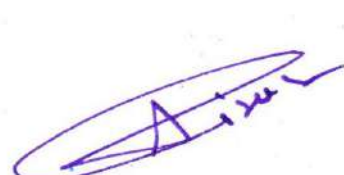
Website: www.quantumuniversity.edu.in

SEMESTER 3

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
RD3301	PC	Radiographic Positioning II	4	0	0	4	1.0	RD3203
RD3302	PC	Conventional Radiographic Technique-I	4	0	0	4	1.0	Nil
RD3303	PC	Basics of USG and Mammography	4	0	0	4	1.0	Nil
RD3304	PC	Special Radiographic Procedure	4	0	0	4	1.0	Nil
BL3303	PC	Medical Microbiology (Bacterial Pathogens & associated Diseases)	4	0	0	4	1.0	NIL
RD3341	PC	Special Radiographic Procedure Lab	0	0	2	1	1.0	Nil
RD3342	PC	Radiographic Positioning – II Lab	0	0	2	1	1.0	RD3242
RD3343	HP	Hospital Posting	0	0	12	6	1.0	Nil
VP3301	VAP	Employability Skill- I (Numerical Abilities)	2	0	0	2	1.0	Nil
	OE	Open Elective II	3	0	0	3	1.0	Nil
GP3301	GP	General Proficiency	0	0	0	1	1.0	Nil
HU3202	FC	United Nations Development Programme	1	0	0	1	1.0	Nil
TOTAL			26	0	16	35		

Contact Hrs. = 42

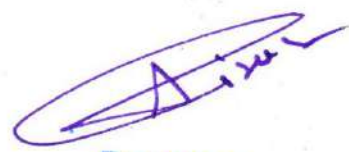



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SEMESTER 5

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
RD3501	PC	Nuclear Medicine Technology	4	0	0	4	1.0	Nil
RD3502	PC	Patient Care and Management	4	0	0	4	1.0	Nil
RD3503	PC	Radiation Protection and Quality Assurance	4	0	0	4	1.0	Nil
RD3504	PC	Interventional procedure and Technique	4	0	0	4	1.0	Nil
RD3505	PC	Preventive Medicine, Healthcare and Radiation Protection	3	0	0	3	1.0	Nil
RD3541	PC	Nuclear Medicine Technology Lab	0	0	2	1	1.0	Nil
RD3542	HP	Hospital Posting	0	0	12	6	1.0	Nil
VP3501	VAP	Employability Skill- III (GDPI)	2	0	0	2	1.0	Nil
GP3501	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			21	0	14	29		

Contact hours: 35

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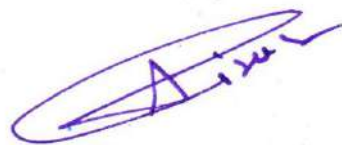
SEMESTER 6

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
	PE	Program Elective	3	0	0	3	1.0	Nil
RD3602	PC	Clinical aspects in Radio Imaging Your text here 1	4	0	0	4	1.0	Nil
RD3603	PC	Advance CT, MRI, USG	4	0	0	4	1.0	Nil
RD3605	PC	Medical Law and Ethics	3	0	0	3	1.0	Nil
RD3604	S	Seminars	3	0	0	3	1.0	Nil
RD3641	PC	Clinical aspects in Radio Imaging Lab	0	0	2	1	1.0	Nil
RD3642	HP	Hospital Posting	0	0	1 2	6	1.0	Nil
GP3601	GP	General Proficiency	0	0	0	1	1.0	Nil
TOTAL			17	0	14	25		

Contact hours: 31

PROGRAM ELECTIVE						
RD3616	PE	Biostatistics & Research Methodology	3	0	0	3
ND3621		Health Psychology				
ND3622		Health Care and Hospital Administration				




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