



Hindi Vidya Prachar Samiti's

Ramniranjan Jhunjhunwala College

of Arts, Science & Commerce

(Empowered Autonomous College)

Affiliated to

UNIVERSITY OF MUMBAI

Syllabus for the B.Sc.

Program: B.Sc. Medical Imaging Technology

Program Code: RJSUMIT

National Education Policy (NEP 2020)

SEMESTER	:	III
TITLE	:	MAJOR PRACTICALS
TITLE OF THE SUBJECT/COURSE	:	Computed Tomography Technical
COURSE CODE	:	RJMAJMITP311
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	Learn to perform appointment scheduling.
2	Learn to perform pre-procedures and take proper history.
3	Learn to perform basic scans.

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Take appropriate patient history.	1, 2, 3, 7	BT level 2, 3
CO2	Explain pre-procedure and consent.	1, 2, 3, 7	BT level 2, 3
CO3	Perform plain scans	1, 2, 3, 7	BT level 2, 3
CO3	Perform contrast scans	1, 2, 3, 7	BT level 2, 3

SEMESTER III			
Course Code : RJMAJMITP311		PRACTICALS Title: Practicals in Major Subject	Credits
Unit	Unit Name	Topics	1
I	Positioning techniques	HRCT Chest, CT Brain, CT Abdomen Pelvis, 3D CT Ankle joint, 3D Ankle joint, Coronary angiography.	1

SEMESTER	:	III
TITLE	:	MAJOR PRACTICALS
TITLE OF THE SUBJECT/COURSE	:	Computed Tomography Clinical
COURSE CODE	:	RJMAJMITP312
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	Learn to handle emergency situations.
2	Learn to guide appropriate pre procedure steps.
3	Manage emergency drugs trolley.

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Take appropriate consent, explain the procedure and communicate with patients.	1, 2, 3, 7	BT level 2, 3
CO2	Handle high risk patients	1, 2, 3, 7	BT level 2, 3
CO3	Manage emergency situations on radiology.	1, 2, 3, 7	BT level 2, 3

SEMESTER III			
Course Code : RJMAJMITP312		PRACTICALS Title: Practicals in Major Subject	Credits
Unit	Unit Name	Topics	1
I	Contrast media reactions	Usage of avil, hydrocortisone. Consent parameters High risk patients Post procedure care Emergency drugs	1