



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	:	IV
TITLE	:	MAJOR PRACTICAL
TITLE OF THE SUBJECT/COURSE	:	MRI Technical
COURSE CODE	:	RJMAJMITP411
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	To perform pre procedures of MRI
2	To perform positioning in MRI

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Communicate with patients and perform pre procedural steps.	1,5	BT level 2, 3
CO2	Identify between different coils and its placement	1,5	BT level 2, 3
CO3	Enable to perform positioning in MRI scans	1,5	BT level 2, 3

SYMIT Semester IV			
Course Code: RJMAJMITP411		PRACTICALS Title: MRI Technical	Credits
Unit	Unit Name	Topics	
I	MRI Technical	Appointment scheduling, patient identification, history recording, pre procedure care, positioning of patient, coils placement, removal of metallic articles. MRI compatible, conditional and non conditional metals.	1
References: <ul style="list-style-type: none">● MRI Made Easy - Govind B Chavan			

SEMESTER	:	IV
TITLE	:	MAJOR PRACTICAL
TITLE OF THE SUBJECT/COURSE	:	Cathlab Procedures
COURSE CODE	:	RJMAJMITP412
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	To perform pre procedures of cathlab
2	To perform positioning in cathlab

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Communicate with patients and perform pre procedural steps.	1,5	BT level 2, 3
CO2	Identify between different procedures in cathlab	1,5	BT level 2, 3
CO3	Enable to perform positioning in interventional scans	1,5	BT level 2, 3

SYMIT Semester IV			
Course Code: RJMAJMITP412		PRACTICALS Title: Cathlab Procedures	Credits
Unit	Unit Name	Topics	
I	Cathlab proceduresl	Appointment scheduling, patient identification, history recording, pre procedure care, positioning of patient, intraoperative care, Carm parameters, post procedure care	1
References: <ul style="list-style-type: none"> • Interventional Radiology by David Kessel 			