



**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	:	<b>IV</b>
TITLE	:	<b>MINOR PRACTICALS</b>
TITLE OF THE SUBJECT/COURSE	:	Mammography and BMD
COURSE CODE	:	RJMINMITP411
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	To learn physics of mammography and its working.
2	To study various views of mammography.
5	To learn physics of BMD and its working.

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Perform mammographic views with proper exposure control.	1, 3, 5	BT level 1, 2, 3, 4 & 5
CO2	Perform BMD views with proper exposure control.	1, 3, 5	BT level 1, 2, 3, 4 & 5
CO3	To follow all radiation safety protocols in mammography and BMD.	1, 3, 5	BT level 1, 2, 3, 4 & 5

<b>SYMIT Semester IV</b>			
<b>Course Code: RJMINMIT411</b>		<b>Title: Mammography and BMD</b>	<b>Credits</b>
<b>Unit</b>	<b>Unit Name</b>	<b>Topics</b>	<b>1</b>
I	Mammography positioning	CC, MLO, CC, Mag view, Spot view	0.5
II	BMD positioning	BMD views	0.5
<b>References:</b> <ul style="list-style-type: none"><li>Digital Image Mammography: Concepts and techniques - Dr. K Rajendra Prasad</li></ul>			