



**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 Laboratory Technology**

**Program Code: RJSUMLT**

**National Education Policy (NEP 2020)**

**Level 4.5**

**(BSc MLT 2023-2024)**

SEMESTER	:	I
TITLE	:	MINOR PRACTICALS
TITLE OF THE SUBJECT/COURSE	:	PRACTICALS IN MINOR SUBJECT
COURSE CODE	:	RJMINMLTP311
CREDITS	:	01
DURATION	:	15 hrs

LEARNING OBJECTIVES	
1	Develop an understanding about laboratory requirements, equipment and instruments.
2	Develop an understanding about the various histopathological laboratory techniques.
3	Practice how to develop interpersonal relationships with peers as well as the communication with patient and their relatives.
4	Understand about the stress management in the laboratories.

Course Outcome No.	On completing the course, the student will be able to:	PSO Addressed	Bloom's Levels
CO1	Perform histopathological examination of tissues. Perform various types of fixatives. Perform freeze drying. Perform gross examination of specimen. Perform preparation of paraffin sections. Perform embedding. Perform various methods of preparation of tissue sections.	1, 2, 3, 7	BT level 2, 3
CO2	Perform general staining procedure.	1, 2, 3, 7	BT level 2, 3
CO3	Understand the importance of development of communications with the patients and their relatives.	1, 2, 3, 7	BT level 2, 3

<b>SYMLT Semester III</b>			
<b>Course Code: RJMINMLTP311</b>		<b>PRACTICALS Title: Practicals in Minor Subject</b>	<b>Credits</b>
<b>Unit</b>	<b>Unit Name</b>	<b>Topic</b>	<b>1</b>
I	Histopathology and Personality Development	To study laboratory requirements, equipment and instruments Perform histopathological examination of tissues Perform various types of fixatives Perform freeze drying Perform gross examination of specimen Perform preparation of paraffin sections Perform embedding Perform various methods of preparation of tissue sections Perform general staining procedure Knowing the importance of interpersonal relationships in hospitals and labs Knowing the importance of communication with patient & their relatives	1
<b>References:</b> <ul style="list-style-type: none"> <li>Textbook of Medical Laboratory Technology – P. B. Godkar</li> </ul>			