

PG DMLT Semester II
Subject Name: Internship (IS)
Subject Code: 02ML0204

Objective: The objective of this course is to prepare students to adapt to the working environment of a medical laboratory or hospitals. It will also reinforce the concepts of standard laboratory practices and ethics. Students will also develop deep insights into experimental analysis and report writing.

Credits Earned: 11 Credits

Course Outcomes: After the completion of the course:

1. Students will adapt to the actual laboratory environment.
2. Students will learn about the management of real-life clinical samples.
3. Students will be trained to complete the task of testing and analysis in stipulated time.
4. Students will develop sound interpersonal and communication skills.

Pre-requisite of course: Basic awareness of Good Lab Practices (GLP).

Teaching and Examination Scheme

Teaching Scheme (Hours)			Credits	Theory Marks			Tutorial/ Practical Marks		Total Marks
Theory	Tutorial	Practical		ESE (E)	IA (M)	CSE (I)	Viva (V)	Practical/ TW	
0	0	22	11	0	0	0	90	210	300

Contents:

Sr. No.	Topics	Contact Hours
1	Statement of Purpose (SOP) Preparation Students will be preparing a statement of purpose (SOP) for their internship. SOP must include the details of their preparedness for working in a medical laboratory. Students must also clearly mention the objectives to join the program and proposed outcomes students wish to gain at the end of the internship. SOP should be duly submitted by the students prior to joining the internship.	210
2	Practical Exposure During Internship Students will carry out their internship at reputed medical laboratories. During the internship period, students will comply with the rules and standard practices suggested by the medical lab. Student's internship progress will be reviewed by the department by presentation or short reports.	
3	Preparation of Internship Report At the end of the internship, students will be required to prepare an internship report as per the format prescribed by Marwadi University. Internship report must include principles, materials and method, results and interpretation of the tests performed during the internship period.	
4	Viva and Report Presentation Students will be required to prepare a PowerPoint presentation of their internship report and will be presenting the same to the examination committee formed by the department. Based on their report, the examination committee will conduct the viva voce of students.	
	Total Hours	210