

INSTITUTE	FACULTY OF SCIENCE
PROGRAM	POSTGRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
SEMESTER	2
COURSE TITLE	INTERNSHIP
COURSE CODE	02ML0204
COURSE CREDITS	11

Objective:

- 1 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.

Course Outcomes: After completion of this course, student will be able to:

- 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: 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.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	22	0	0	0	90	210

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	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.	
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		

Textbook :

- 1 NA, NA, NA, NA

References:

- 1 NA, NA, NA, NA, NA

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
25.00	25.00	25.00	10.00	10.00	5.00

Instructional Method:

1 NA

Supplementary Resources:

1 NA