

INSTITUTE	FACULTY OF PHARMACY
PROGRAM	MASTER OF PHARMACY (REGULATORY AFFAIRS)
SEMESTER	4
COURSE TITLE	RESEARCH WORK AND COLLOQUIUM
COURSE CODE	13MR0403
COURSE CREDITS	16

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

- 1 Develop advanced research skills through the exploration of relevant literature, data collection, and analysis, culminating in a well-documented research paper.
- 2 Acquire proficiency in presenting and defending research findings through engaging colloquium presentations, fostering effective communication and critical thinking abilities.
- 3 Foster collaboration and interdisciplinary learning by actively participating in research discussions, providing constructive feedback, and engaging with peers to enhance understanding and knowledge in various fields of study.

Pre-requisite of course: Nil

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
0	0	32	0	0	0	400	0

Contents : Unit	Topics	Contact Hours
Total Hours		

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
Total Hours		

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
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Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
10.00	20.00	25.00	25.00	10.00	10.00

Instructional Method:

- 1 Research Work:**

 - a. Familiarize yourself with the research topic: Understand the subject matter and objectives of your research thoroughly.
 - b. Conduct a literature survey: Gather information from authenticated sources such as research papers, books, journals, and credible online resources relevant to your research topic.
 - c. Identify the research problem: Clearly define the research problem you aim to address in your study.
 - d. Develop a research proposal: Design a comprehensive research proposal that outlines the objectives, methodology, timeline, and expected outcomes of your research.
 - e. Consider cost-effectiveness: Evaluate the financial aspects of your research, including budgeting for necessary resources and potential funding sources such as research grants.
 - f. Select appropriate research methods: Determine the most suitable research methods (quantitative, qualitative, questionnaire-based, etc.) to collect data for your study.
 - g. Document your research: Maintain organized and accurate documentation throughout the research process, including data collection, analysis, and interpretation.
 - h. Analyze research results: Utilize biostatistics techniques to analyze your research findings and assess their significance through various comparison methods.
 - i. Write your thesis: Follow guidelines for thesis writing, starting from the abstract to references. Ensure proper formatting and adherence to academic standards.
 - j. Prepare for presentation: Develop skills for effectively presenting your research, whether orally or through poster presentations. Practice presenting your findings in a clear and concise manner.
- 2 Colloquium:**

 - a. Prepare a presentation: Create a well-structured presentation summarizing your research work, highlighting the key objectives, methods, findings, and conclusions.
 - b. Focus on clarity and coherence: Ensure that your presentation is clear, concise, and coherent. Use appropriate visual aids and support your statements with evidence from your research.
 - c. Engage the audience: Make your presentation interactive by encouraging questions and discussions from the audience. Be prepared to provide further explanations and clarify any doubts.
 - d. Practice your presentation: Rehearse your presentation multiple times to improve your delivery and time management. Pay attention to your body language, voice modulation, and overall presentation skills.
 - e. Seek feedback: Request feedback from peers, mentors, or instructors to further refine your presentation. Consider incorporating their suggestions and making necessary improvements.
 - f. Be open to discussions: Participate actively in the colloquium by engaging in discussions with other researchers and attending their presentations. Exchange ideas, ask questions, and provide constructive feedback to contribute to the research community.