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| <b>INSTITUTE</b>      | <b>FACULTY OF PHARMACY</b>                |
| <b>PROGRAM</b>        | <b>MASTER OF PHARMACY (PHARMACEUTICS)</b> |
| <b>SEMESTER</b>       | <b>4</b>                                  |
| <b>COURSE TITLE</b>   | <b>RESEARCH PROGRESS PRESENTATION</b>     |
| <b>COURSE CODE</b>    | <b>13MC0402</b>                           |
| <b>COURSE CREDITS</b> | <b>3</b>                                  |

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

- 1 Demonstrate a deep understanding of the research topic through a comprehensive literature review and critical analysis.
- 2 Effectively communicate the research objectives, methodology, and preliminary findings to a diverse audience.
- 3 Engage in constructive discussions and receive valuable feedback to refine the research direction and enhance its overall quality.

**Pre-requisite of course:** Nil

#### Teaching and Examination Scheme

| <b>Theory Hours</b> | <b>Tutorial Hours</b> | <b>Practical Hours</b> | <b>ESE</b> | <b>IA</b> | <b>CSE</b> | <b>Viva</b> | <b>Term Work</b> |
|---------------------|-----------------------|------------------------|------------|-----------|------------|-------------|------------------|
| 0                   | 3                     | 0                      | 0          | 0         | 0          | 0           | 75               |

| <b>Contents : Unit</b> | <b>Topics</b> | <b>Contact Hours</b> |
|------------------------|---------------|----------------------|
| <b>Total Hours</b>     |               |                      |

#### Suggested List of Experiments:

| <b>Contents : Unit</b> | <b>Topics</b> | <b>Contact Hours</b> |
|------------------------|---------------|----------------------|
| <b>Total Hours</b>     |               |                      |

#### 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

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| Distribution of Theory for course delivery |
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| <b>Remember / Knowledge</b> | <b>Understand</b> | <b>Apply</b> | <b>Analyze</b> | <b>Evaluate</b> | <b>Higher order Thinking / Creative</b> |
|-----------------------------|-------------------|--------------|----------------|-----------------|---|
| 10.00                       | 20.00             | 25.00        | 25.00          | 10.00           | 10.00                                   |

### **Instructional Method:**

- 1 Introduction:** a. Begin your presentation by introducing yourself and providing a brief overview of your research topic. b. Clearly state the objectives and goals of your research to set the context for your presentation.
- 2 Background and literature review:** a. Provide a concise summary of the relevant background information related to your research. b. Discuss the key literature sources you have reviewed and highlight their importance in guiding your research. c. Mention any gaps in the existing literature that your research aims to address.
- 3 Research methodology:** a. Describe the research design and methodology you have employed in your study. b. Explain why you have chosen a particular research method (quantitative, qualitative, mixed methods, etc.) and justify its appropriateness for your research objectives. c. Discuss any data collection techniques, tools, or instruments you have utilized and explain how they contribute to your research.
- 4 Results and analysis:** a. Present the findings and results obtained from your research. b. Use visual aids such as graphs, tables, or charts to effectively communicate your data. c. Provide a clear explanation of your analysis methods and techniques. d. Highlight any significant or noteworthy findings and discuss their implications for your research objectives.
- 5 Discussion:** a. Interpret and discuss your research findings in the context of your research objectives and literature review. b. Analyze any patterns, trends, or relationships observed in your data. c. Address any limitations or challenges encountered during your research and discuss their impact on the results.
- 6 Future work and conclusion:** a. Outline any future steps or directions for your research. b. Discuss any modifications or adjustments you plan to make based on the findings and feedback received. c. Summarize the key points of your presentation and restate the significance of your research objectives.
- 7 Q&A Session:** a. Allocate time for questions and answers from the audience. b. Be prepared to provide further clarification or elaboration on any aspect of your research.