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| <b>INSTITUTE</b>      | <b>FACULTY OF PHARMACY</b>                                   |
| <b>PROGRAM</b>        | <b>MASTER OF PHARMACY (PHARMACEUTICAL QUALITY ASSURANCE)</b> |
| <b>SEMESTER</b>       | <b>3</b>   |
| <b>COURSE TITLE</b>   | <b>RESEARCH PROPOSAL PRESENTATION</b>                        |
| <b>COURSE CODE</b>    | <b>13MQ0303</b>  |
| <b>COURSE CREDITS</b> | <b>2</b>   |

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

- 1 Demonstrate a comprehensive understanding of the research topic through a clear and concise presentation of the research proposal, including its objectives, significance, and methodology.
- 2 Communicate the potential impact and contribution of the proposed research to the field, highlighting its relevance, innovation, and potential for practical application.
- 3 Engage in critical thinking and analytical reasoning by effectively addressing questions, challenges, and limitations associated with the research proposal, demonstrating the ability to defend and justify the chosen approach and methods.

**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                   | 2                     | 0                      | 0          | 0         | 0          | 0           | 50               |

| <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 the presentation by introducing yourself and providing a brief background about your research topic. b. Clearly state the purpose of your research and its significance in the field. c. Capture the audience's attention and interest by presenting a compelling opening statement or anecdote related to your research.
- 2 Research problem: a. Clearly define the research problem or question you are addressing. b. Explain why this problem is important and how it contributes to existing knowledge or addresses a gap in the field. c. Provide relevant background information to contextualize the problem.
- 3 Objectives and hypotheses: a. Present the specific objectives of your research. What do you aim to achieve through your study? b. If applicable, state the hypotheses or research questions that will guide your investigation. c. Explain how your objectives or hypotheses align with the research problem and contribute to filling the research gap.
- 4 Methodology: a. Describe the research design and methodology you will employ to address your objectives or test your hypotheses. b. Explain the data collection methods, instruments, and procedures you will utilize. c. Discuss any ethical considerations associated with your research and how you plan to address them.
- 5 Expected results and significance: a. Present the potential outcomes or findings of your research. b. Discuss the significance of your expected results and how they contribute to the field or address the research problem. c. Highlight any potential practical applications or implications of your research.
- 6 Timeline and resources: a. Outline a timeline for your research, including key milestones and activities. b. Identify the resources you will need to conduct your research (e.g., equipment, funding, collaboration, etc.). c. Discuss any challenges or limitations you anticipate and how you plan to overcome them.
- 7 Conclusion: a. Summarize the key points of your research proposal. b. Reiterate the significance of your study and its potential impact. c. Open the floor for questions and engage in a discussion with the audience.
- 8 Visual aids and presentation style: a. Utilize visual aids such as slides, charts, graphs, or diagrams to support your presentation. b. Keep your slides visually appealing, concise, and focused on the main points. c. Use clear and confident verbal communication, maintain eye contact with the audience, and engage them throughout the presentation.
- 9 Remember to rehearse your presentation beforehand to ensure a smooth delivery. Be prepared to answer questions and provide clarifications. Finally, be confident and enthusiastic about your research proposal, as it reflects your passion and commitment to the field of study.