

<b>INSTITUTE</b>	<b>FACULTY OF PHARMACY</b>
<b>PROGRAM</b>	<b>MASTER OF PHARMACY (PHARMACEUTICAL QUALITY ASSURANCE)</b>
<b>SEMESTER</b>	<b>4</b>
<b>COURSE TITLE</b>	<b>PHARMA JOURNAL CLUB-2</b>
<b>COURSE CODE</b>	<b>13MQ0401</b>
<b>COURSE CREDITS</b>	<b>1</b>

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

- 1 Develop critical appraisal skills to evaluate pharmaceutical research articles and identify their strengths and weaknesses.
- 2 Enhance understanding of current trends and advancements in pharmaceutical research through in-depth analysis and discussion of relevant journal articles.
- 3 Foster collaboration and knowledge sharing among participants to facilitate the exchange of diverse perspectives and insights in the field of pharmacy.

**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	1	0	0	0	0	0	25

<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

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 Purpose and format: a. The purpose of the Pharmaceutical Journal Club is to critically evaluate and discuss current research articles related to the field of pharmacy and pharmaceutical sciences. b. The journal club will typically meet on a regular basis (e.g., weekly, bi-weekly, or monthly) as determined by the club organizers. c. The format of the journal club can vary, but it usually involves presenting and discussing selected research articles among the club members.
- 2 Article selection: a. The club organizers or members can take turns selecting research articles for discussion. It is recommended to choose articles that are recent and relevant to the field. b. Consider selecting articles that cover a diverse range of topics within pharmaceutical sciences to foster a broader understanding of the field. c. Provide the selected article(s) to the club members well in advance of the scheduled meeting to allow sufficient time for reading and preparation.
- 3 Preparing for the Journal Club: a. Each club member should thoroughly read and critically analyze the selected article(s) before the meeting. b. Take notes on key findings, methodologies, limitations, and any questions or concerns that arise during the reading. c. Consider conducting additional background research if necessary to fully understand the context and significance of the article.
- 4 Journal Club Meeting: a. Begin the meeting with a brief overview of the article's topic and its relevance to the field of pharmacy or pharmaceutical sciences. b. The presenter (either the article selector or the assigned presenter) should summarize the main points of the article, including the study objectives, methods, results, and conclusions. c. Encourage active participation from all club members by inviting questions, comments, and discussions related to the article. d. Foster a constructive and respectful environment where differing opinions and interpretations can be shared and discussed. e. Discuss the strengths, weaknesses, and potential implications of the research presented in the article. f. Encourage critical evaluation of the study design, methodology, statistical analysis, and the overall validity of the research. g. Explore potential future research directions or areas of improvement based on the findings of the article.
- 5 Additional considerations: a. Rotate the responsibilities of presenting and facilitating the journal club among the members to promote active engagement and shared learning. b. Consider inviting guest speakers or experts in specific research areas to present and discuss relevant articles. c. Encourage members to share their own research or experiences related to the topic discussed in the journal club for further enriching discussions. d. Maintain a record of the articles discussed, key points, and any important insights gained during the journal club meetings.
- 6 By following these instructions, the Pharmaceutical Journal Club will provide an avenue for critical evaluation, discussion, and knowledge sharing among the members, fostering a deeper understanding of the current research landscape in pharmacy and pharmaceutical sciences.