

FACULTY OF PHARMACEUTICAL SCIENCES

Effective from Academic Batch: 2026-27

Programme: Master of Pharmacy (Pharmaceutical Analysis)

Semester: IV

Course Code: 108300401

Course Title: Journal Club II

Course Objectives: At completion of this course student shall be able to

1. Demonstrate awareness of recent advancements in the field of pharmacy by actively participating in state/national/international level seminars, conferences, workshops, or symposia
2. Present their research or review work through manuscript submissions or presentations at state/national/international level seminars, conferences, workshops or symposia
3. Develop an understanding of the patent application process and enable students to apply for patents based on their research work

Teaching & Examination Scheme:

Contact hours per week			Course Credits	Examination Marks (Maximum / Passing)				
Lecture	Tutorial	Practical		Theory		J/V/P*		Total
				Internal	External	Internal	External	
1	-	-	1	-	-	25/10	-	25/10

* J: Jury; V: Viva; P: Practical

Guidelines As a part of this Journal Club-II

A student can apply for Patent, based on their research work (dissertation topic) than he/she has to submit patent submission copy to Institute

or

A student can submit the manuscript or presented his/her research/review publication in National/International Conference/Research Journal (Indexed in Scopus / Web of Science/ SJR) than he/she and has to relevant acknowledge copy to Institute

or

A student can participate in State/National/International Level, Seminar/Conference/ Workshop/ Symposium and submit relevant acknowledge copy to Institute

or

If student has won the academic award/ research award from State level/National agencies/International Agencies than he/she has to submit relevant acknowledge copy to Institute

or

Student need to carry out extensive literature search and prepare a review on the topic assigned to him/her by the guide

Student Learning Outcomes (SLOs):

SLOs	Student Learning Outcome Statements	%Weightage
SL01	Explain the procedure to Prepare and communicate manuscripts/ patent application or actively participate in state/ national/ international conferences/ symposiums/ workshop/ seminar or effectively compile the data.	50
SL02	Describe the performed activity by submitting the relevant document.	50

Curriculum Revision:	
Version:	1
Drafted on (Month-Year):	June 2020
Last Reviewed on (Month-Year):	March 2026
Next Review on (Month-Year):	March 2031

FACULTY OF PHARMACEUTICAL SCIENCES

Effective from Academic Batch: 2026-27

Programme: Master of Pharmacy (Pharmaceutical Analysis)
Semester: IV
Course Code: 108300402
Course Title: Discussion/ Presentation (Proposal Presentation)

Course Objectives:

At completion of this course student shall be able to

1. Understand selected research topic through in depth compilation of data
2. Provide solution for potential challenges or issues related to their research topic
3. Effectively discuss and present their work

Teaching & Examination Scheme:

Contact hours per week			Course Credits	Examination Marks (Maximum / Passing)				
Lecture	Tutorial	Practical		Theory		J/V/P*		Total
				Internal	External	Internal	External	
3	-	-	3	-	-	75/30	-	75/30

* J: Jury; V: Viva; P: Practical

Guidelines

The students are required to prepare a presentation of their dissertation work, based on which they shall be examined by the examiners. The presentation/discussion should cover key aspects, including the introduction of the chosen research topic, a review of the literature related to the selected research topic, the rationale behind the work, the aim and objectives, materials and methods, result, conclusion and a list of references.

Student Learning Outcomes (SLOs):

SLOs	Student Learning Outcome Statements	%Weightage
SL01	Determine the skill to find research gaps and define research problems through a comprehensive review of the literature.	25
SL02	Determine research problem solution based on results and discussion.	25
SL03	Select the delivery of presentations using ICT tools.	25
SL04	Interpret the answer of the queries raised by examiners.	25

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Effective from Academic Batch: 2026-27

Programme: Master of Pharmacy (Pharmaceutical Analysis)

Semester: IV

Course Code: 108300403

Course Title: Research Work – Final Presentation

Course Objectives:

At completion of this course student shall be able to

1. Perform literature review and articulate research proposal
2. Learn various instruments used in research
3. Develop research report

Teaching & Examination Scheme:

Contact hours per week			Course Credits	Examination Marks (Maximum / Passing)				
Lecture	Tutorial	Practical		Theory		J/V/P*		Total
				Internal	External	Internal	External	
-	-	32	16	-	-	100/40	300/120	400/200

* J: Jury; V: Viva; P: Practical

Guidelines

Student shall undertake a research project under the supervision of a teacher. Student will Collect data in the form of literature review, perform research work, compile data in the form of dissertation report and give presentation on the selected topic.

Student Learning Outcomes (SLOs):

SLOs	Student Learning Outcome Statements	%Weightage
SL01	Describe to work independently on research proposal.	25
SL02	Describe to conduct research work to achieve proposed aim and objectives.	25
SL03	Explain various instruments and software.	25
SL04	Find the ability to write research report, communication, and presentation skill.	25

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