

I. K. Gujral Punjab Technical University, Kapurthala

Department of Academics

Agenda Board of Studies

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1. Agenda for Ratification

1.1. Matter pertaining to the award of credits for co-curricular activities in M. Pharmacy

As per the study scheme of M. Pharmacy award for co-curricular activities is to be given by the College Principal. As per the Pharmacy Council of India, guideline for M. Pharmacy the minimum credits points for co-curricular activities required for award of degree is 02 and maximum credit points which can be awarded are 07 which means that student will get the degree with total credits ranging from 95 to 100. The board of studies has previously adopted and approved the scheme given by PCI. However, implementation of PCI scheme as such would lead to non-uniformity in credits earned by the candidate. In order to maintain the uniformity, it is was recommended that 02 credit points should be made mandatory so that all the students are awarded degree with uniform total credits of 95. This scheme for award of credits for co-curricular activities approved by the Chairperson BOS in anticipation of the approval of the BOS.

The performa drafted for the award of credits for co-curricular activities and the rectified scheme of the fourth semester and semester wise credit distribution is presented below.

IK Gujral Punjab Technical University, Jalandhar
Credit Points for Co-curricular Activities

Batch:

Month & Year of Exam:

Name of Course	
Branch / Specialization	
Name of the Candidate	
Father's Name	
College/Institute	
University Roll No.	

AWARDED CREDIT POINTS

Name of the Activity	Maximum Credit Points	Awarded
Participation in National Level Seminar/ Conference/ Workshop/ Symposium/ Training Programs (related to the specialization of the student) OR Academic Award/Research Award from State Level/National Agencies	02	
Participation in International Level Seminar/ Conference/ Workshop/ Symposium / Training Programs (related to the specialization of the student)	02	
Academic Award/Research Award from International Agencies	02	
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01	
Research / Review Publication in International Journals (Indexed in Scopus /Web of Science)	02	
Total	09	

*Note: Required credit points 02 for satisfactory
 Less than 02 credit points unsatisfactory*

Supervisor

Director/Principal

Fourth Semester Study Scheme of M. Pharmacy from Batch 2017 onward

Fourth Semester

Course Code	Course Name	L	P	Marks			Credits
				Internal	External	Total	
-	Journal Club	1	-	25	-	25	1
-	Research Work	-	31	-	400	400	16
-	Discussion/Final Presentation	3	-	75	-	75	3
-	Co-curricular Activities	-	-	Satisfactory/Unsatisfactory			2*
Total		4	31	100	400	500	22

**Note: Required credit points 02 for satisfactory; Less than 02 credit points unsatisfactory*

***Credits not included towards calculation of CGPA**

Semester Wise Credits Distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations & Other Scholarly Activities)	02*
Total Credit Points	93 + 2* = 95

- *Credit Points for Co-curricular Activities
- *Credits not included towards calculation of CGPA

The matter is put forth for approval.

2. Finalization of scheme and syllabus of M. Pharm Pharmacy Practice

Department of Academics has requested to prepare the syllabus of M. Pharm Pharmacy Practice. The draft scheme and syllabus (annexure 1) are attached. The proposed syllabus is prepared in accordance to the PCI model syllabus for M. Pharm Pharmacy Practice.

The syllabus is put forth for deliberation and approval.

3. Inclusion of mandatory course on Research and Publication Ethics in PhD course work

UGC has introduced a 02-credit mandatory course on Research and Publication Ethics in PhD course work. The proposed syllabus and modified scheme for batch 2021 onward is attached as annexure-2. The syllabus is prepared in accordance to the model syllabus given by UGC.

The syllabus is put forth for deliberation and approval.

4. Any other item with the permission of chair

Annexure-2

Study Scheme & Syllabus of

PhD Course Work in Pharmaceutical Sciences

Batch 2021 Onward



By

Board of Study Pharmacy

Department of Academics

IK Gujral Punjab Technical University

Study Scheme

Course Code	Course Type	Course Name	Load			Marks			Credits
			L	T	P	Internal	External	Total	
PHP-101	Compulsory Course	Research Methodology	3	1	-	30	70	100	4
PHP-102	Compulsory Course	Research & Publication Ethics	2	-	-	20	30	50	2
PHP-201	Core Theory (Any One)	Pharmaceutics	3	1	-	30	70	100	4
PHP-202		Pharmaceutical Chemistry	3	1	-	30	70	100	
PHP-203		Pharmacology	3	1	-	30	70	100	
PHP-204		Pharmacognosy	3	1	-	30	70	100	
PHP-301	Interdisciplinary Course (Any One)	Modern Pharmaceutical Analytical Techniques	3	1	-	30	70	100	4
PHP-302		Intellectual Property Rights	3	1	-	30	70	100	
PHP-303		Pharmacology & Toxicological Screening Methods	3	1	-	30	70	100	
PHP-304		Biochemical & Separation Techniques	3	1	-	30	70	100	
PHP-305		Bioprocess Technology	3	1	-	30	70	100	
PHP-306		Recombinant Biotechnology	3	1	-	30	70	100	
PHP-307		Plant Tissue Culture	3	1	-	30	70	100	
PHP-401	Presentation	*Presentation	-	-	6	75	-	75	3
Total			11	03	06	185	270	455	17

**Minimum three presentations related to proposed research area of the candidate*

**Non-University Exam*

Course Code	Course Title	Teaching Load			Marks		Exam (hrs)		Credits
		L	T	P	Int.	Ext.	Int.	Ext.	
PHP-102	Research & Publication Ethics	3	1	-	30	70	1.5	3	4

Module 01

05 Hrs

Philosophy and Ethics

Introduction to philosophy: definition, nature and scope, concept, branches; Ethics: definition, moral philosophy, nature of moral judgments and reactions

Scientific Conduct

Ethics with respect to science and research, Intellectual honest and research integrity, Scientific misconducts: Falsification, Fabrication and Plagiarism (FFP), Redundant publication: duplicate and overlapping publications, salami slicing, Selective reporting and misrepresentation of data

Module 02

05 Hrs

Publication Ethics

Publications ethics: definition, introduction and importance, Best practices/standard setting initiative and guideline: COPE, WAME, etc., Conflicts of interest, Publication misconduct: definition, concepts, problems that lead to unethical behaviours and vice versa, types, Violation of publication ethics, authorship and contributor ship, Identification of publication misconduct, complaints and appeals, Predatory publisher and journals

Module 03

05 Hrs

Open Access Publishing

Open access publications and initiatives, SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies, Software tool to identify predatory publication developed by SPPU, Journal finder/ journal suggestion tools viz. JANE, Elsevier journal finder, Springer Journal suggester, etc.

Publication Misconduct

Subject specific ethical issues, FFP, authorship, Conflicts of interest, Complaints and appeals: examples and fraud from India and abroad

Module 04

05 Hrs

Software Tools

Use of plagiarism software like Turnitin, Urkund and other open-source software tools

Databases and Research Metrics

Indexing databases, Citation databases: Web of Science, Scopus etc.

Research Metric

Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score, Metrics: h-Index, g index, i10 index, altmetrics

Suggested Readings/Recommended Books (Latest Editions)

1. C. Neal Stewart Jr., Research Ethics for Scientists: A Companion for Students, Wiley.
2. Loue, Sana, Textbook of Research Ethics, Springer.
3. Julie Scott-Jones, Research Ethics in Practice, Sage.
4. Ana Smith Iltis, Research Ethics, Taylor & Francis.