IK Gujral Punjab Technical University Department of Academics

Minutes of meeting of Board of Studies Pharmacy held on March 5, 2021 at 3:00 PM through online mode (Skype).

The following member were present:

- 1. Prof. (Dr.) G. D. Gupta, Director-Cum-Principal, ISF College of Pharmacy, Moga (Chairman)
- 2. Dr. Chander Mohan, RBIP, Hosiarpur (Vice-Chairman)
- 3. Dr. D. N. Prasad, Principal Shivalik College of Pharmacy, Nangal (Member)
- 4. Dr. M. Arockia Babu, Principal, Chandigarh College of Pharmacy, Landran, Mohali (Member)
- 5. Dr. Puneet Utereja, PCTE, Baddowal (Member)
- 6. Dr. Shamsher Singh, ISF College of Pharmacy, Moga (Member)
- 7. Dr. Anjoo Kamboj, Chandigarh College of Pharmacy, Landran (Member)
- 8. Dr. Jagdeep Singh Dua, SCPN, Nangal (Member)
- 9. Dr. Vandana Kharb, Sachdeva College of Pharmacy, Kharar (Member)
- 10. Dr. Subheet Jain, Deptt. of Pharmaceutical Sciences, GNDU Amritsar, (Member)
- 11. Dr. Pawan Krishan, Professor, Deptt of Pharmaceutical Sciences, Punjab University, Patiala (Member)
- 12. Dr. Shabir Sidhu, Assistant Professor, Main Campus IKGPTU (Member-Coordinator)

The following members could not attend the meeting:

- 1. Dr. Anupam Sharma, Professor, UIPS, Panjab University, Chandigarh (Member)
- 2. Dr. Gurpreet Kaur, Akal College of Pharmacy, Mastuana (Member)
- 3. Dr. Pradeep Saha, Assistant Professor, SCPN, Nangal (Member)
- 4. Dy. Director / Assistant Director CR&A, Department of CR&A, IKGPTU (Member)

Dr. G.D. Gupta, Chairperson of BOS Pharmacy welcomed the members. The agenda for discussion were taken up and following were resolved.

1. Agenda for Ratification

1.1. Matter pertaining to the award of credits for co-curricular activities in M. Pharmacy
The Board of Studies approved the scheme for the award of credits for co-curricular
activities. As per the modified scheme it is was recommended that 02 credit points should be
made mandatory so that allthe students are awarded degree with uniform total credits of 95. It
was approved that the modified scheme will be applicable from Batch 2017 onward. The
modified schemeis as follows:

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

Fourth Semester

Course	Course Name	L	P		Credits		
Code				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			Satisfact	ory/Unsatisfa	ctory	2*
	Total	4	31	100	400	500	22

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

Semester Wise Credits Distribution

Semester	Credit Points	
I I I I I I I I I I I I I I I I I I 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 credit points assigned for extracurricular and or co-curricular activities shall be given
 by the Principals of the colleges and the same shall be submitted to the University

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

The Board discussed and finalized the study Scheme and Syllabus of M. Pharm Pharmacy Practice for the session 2020 onwards. Copy of finalized syllabus is attached as Annexure-A

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^{*}Credits not included towards calculation of CGPA

M. Pharm Pharmacy Practice Scheme

First Semester

Course	Course Name	L	P		Credits		
Code				Internal	External	Total	
MPP 101T	Clinical Pharmacy Practice	4		25	75	100	4
MPP 102T	Pharmacotherapeutics-I	4		25	75	100	4
MPP 103T	Hospital & Community Pharmacy	4	1-	25	75	100	4
MPP 104T	Clinical Research	4		25	75	100	4
MPP 105P	Pharmacy Practice Practical I		12	50	100	150	6
	Seminar/Assignment#		7	100		100	4
	Total	16	19	250	400	650	26

^{• #} Minimum five seminar/assignmenteach of 20 marks per semester

Second Semester

Course	Course Name	L	P		Marks		Credits
Code				Internal	External	Total	
MPP201T	Principles of Quality Use of Medicines	4		25	75	100	4
MPP202T	Pharmacotherapeutics II	4		25	75	100	4
MPP203T	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	4	22	25	75	100	4
MPP204T	Pharmacoepidemiology& Pharmacoeconomics	4		25	75	100	4
MPP205P	Pharmacy Practice Practical II		12	50	100	150	6
	Seminar/Assignment [#]		7	100		100	4
	Total	16	19	250	400	650	26

^{• #} Minimum five seminar/assignmenteach of 20 marks per semester

Third Semester

Course	Course Name	L	P		Credits		
Code				Internal	External	Total	
MRM301T	Research Methodology & Biostatistics*	4		25	75	100	4
	Journal Club	1		25		25	1
-	Discussion / Presentation (Proposal Presentation)	2		50	-	50	2
	Research Work*	10141	28		350	350	14
	Total	7	28	100	425	525	21

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Fourth Semester

Course	Course Name		P		Credits		
Code				Internal	External	Total	
	Journal Club	1		25		25	1
-	Research Work	-	31		400	400	16
	Discussion/Final Presentation	3	i an Francis	75		75	3
	Co-curricular Activities			Satisfact	ory/Unsatisfa	ctory	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

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

The Board deliberated and finalized subject code, scheme and syllabus of Research and Publication Ethics for inclusion in the PhD course work from batch 2021 onward as compulsory course. The copy of syllabus is attached as Annexure-B

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Study Scheme

Course Code	Course Type	Course Name		Loa	d		Marks		Credits
			L	Т	P	Internal	External	Total	
PHP-101	Compulsory Course	Research Methodology	3	1		30	70	100	4
PHP-102	Compulsory Course	Research & Publication Ethics	2		1,15.	20	3Ò	50	2
PHP-201		Pharmaceutics	3	1	-	30	70	100	
PHP-202	Core Theory	Pharmaceutical Chemistry	3	1	1	30	70	100	4
PHP-203	(Any One)	Pharmacology	3	1	-	30	70	100	
PHP-204		Pharmacognosy	3	1		30	70	100	
PHP-301		Modern Pharmaceutical Analytical Techniques	3	1		30	70	100	
PHP-302		Intellectual Property Rights	3	1		30	70	100	
PHP-303	Interdisciplinary	Pharmacology & Toxicological Screening Methods	3	1	-	30	70	100	
PHP-304	Course (Any One)	Biochemical & Separation Techniques	3	1		30	-70	100	4
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

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^{*}Non-University Exam

4. Examination pattern of M. Pharm end semester exam

The examination pattern of theory end semester exam of 75 marks was finalized as follows:

Section A compulsory	10x2=20
Section B (Answer 7 out of 9)	7x5 = 35
Section C	2x10=20
(Answer 2 out of 3)	
	75 Marks

The examination pattern of practical end semester exam of 100 marks was finalized as follows:

Synopsis	20
Minor Experiment	20
Major Experiment	40
Viva-Voce	20
	100 Marks

The modified exam pattern was recommended to be implemented from batch 2021 onward.

The meeting ended with the vote of thanks to the chair.

Dr. Shabir Sidhu (Coordinator)

Prof. (Dr.) G. D. Gupta (Chairperson BOS)