



Dated: 24.07.2020

MINUTES OF THE MEETING OF BOARD OF STUDIES

The meeting of the Board of Studies in Pharmaceutical Sciences, was scheduled on 24.07.2020 at 11:30 AM by online Google meet at Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur. The following members were present for the online Google meet.

- | | | |
|---------------------------|---|------------------------|
| 1. Prof. Vinod D. Rangari | - | Chair Person |
| 2. Prof. Moorthy N.S.H.N. | - | External Expert Member |
| 3. Dr. K.P. Namdev | - | Member |
| 4. Dr. K.P. Meena | - | Member |

Agenda: Approval for the adoption of the New PCI syllabus for M. Pharm. Courses: -

- (1) **Pharmaceutics** (2) **Pharmaceutical Chemistry** (3) **Pharmacology** and
(4) **Pharmacognosy from Academic Session 2020-21.**

Recommendation:

Pharmacy Council of India, New Delhi has made it mandatory to adopt the New M. Pharm. Syllabus for the courses run by all the University Departments, Government & Private Institutions. The committee discussed the issue in details.

The committee recommended the adoption of the New M. Pharm. Syllabus for all the M. Pharm. Courses run by the Pharmacy Department, namely (1) Pharmaceutics (2) Pharmaceutical Chemistry (3) Pharmacology and (4) Pharmacognosy, from the academic session 2020-21 and onward.

The committee further recommended to adopt the changes if any, made in the syllabus of all the above M. Pharm. Courses by Pharmacy Council of India in future and so communicated for their adoption from time to time.

List of New courses introduced for M. Pharm. from the academic year 2020-2021 and onward shall be as follows.

M. Pharm. (Pharmaceutics) [2020-21]

MPH101T	Modern Pharmaceutical Analytical Techniques
MPH102T	Drug Delivery System
MPH103T	Modern Pharmaceutics
MPH104T	Regulatory Affair
MPH105P	Pharmaceutics Practical I
MPH106P	Seminar/Assignment
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics
MPH203T	Computer Aided Drug Delivery System
MPH204T	Cosmetic and Cosmeceuticals
MPH205P	Pharmaceutics Practical II
MPH206P	Seminar/Assignment

M. Pharm. (Pharmaceutical Chemistry) [2020-21]

MPC101T	Modern Pharmaceutical Analytical Techniques
MPC1012T	Advanced Organic Chemistry -I
MPC103T	Advanced Medicinal chemistry
MPC104T	Chemistry of Natural Products

MPC105P	Pharmaceutical Chemistry Practical I
MPC106P	Seminar/Assignment
MPC201T	Advanced Spectral Analysis
MPC202T	Advanced Organic Chemistry -II
MPC203T	Computer Aided Drug Design
MPC204T	Pharmaceutical Process Chemistry
MPC205P	Pharmaceutical Chemistry Practical II
MPC206P	Seminar/Assignment

M. Pharm. (Pharmacology) [2020-21]

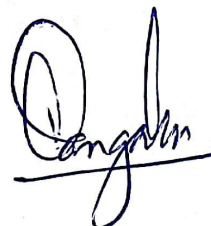
MPL101T	Modern Pharmaceutical Analytical Techniques
MPL102T	Advanced Pharmacology-I
MPL103T	Pharmacological and Toxicological Screening Methods-I
MPL104T	Cellular and Molecular Pharmacology
MPL105P	Pharmacology Practical I
MPL106P	Seminar/Assignment
MPL201T	Advanced Pharmacology II
MPL202T	Pharmacological and Toxicological Screening Methods-II
MPL203T	Principles of Drug Discovery
MPL204T	Clinical Research and Pharmacovigilance
MPL205P	Pharmacology Practical II
MPL206P	Seminar/Assignment

M. Pharm. (Pharmacognosy) [2020-21]

MPG101T	Modern Pharmaceutical Analytical Techniques
MPG102T	Advanced Pharmacognosy-1
MPG103T	Phytochemistry
MPG104T	Industrial Pharmacognostical Technology
MPG105P	Pharmacognosy Practical I
MPG106P	Seminar/Assignment
MPG201T	Medicinal Plant biotechnology
MPG102T	Advanced Pharmacognosy-II
MPG203T	Indian system of medicine
MPG204T	Herbal cosmetics
MPG205P	Pharmacognosy Practical II
MPG206P	Seminar/Assignment

M. Pharm. (All Specializations) [2021-22]

MRM301T	Research Methodology and Biostatistics
MRM302P	Journal Club
MRM303P	Discussion/ Presentation (Proposal Presentation)
MRM304P	Research work
MRM401P	Journal Club
MRM402P	Discussion/ Presentation (Proposal Presentation)
MRM403P	Research Work



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M.PHARM. (PHARMACEUTICS)
(W.E.F. SESSION 2020-21)

Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
MPH106P	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPH 201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH 203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH 205P	Pharmaceutics Practical II	12	6	12	150
MPH 206P	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650



**Schemes for internal assessments and end semester examinations
(Pharmaceutics- MPH)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
Semester I								
MPH101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
MPH106P	Seminar/Assignment	-	-	-	-	-	-	100
Total								650
Semester II								
MPH 201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH204T	Cosmetic and Cosmeceuticals	10	15	1 Hr	25	75	3 Hrs	100
MPH205P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
MPH206P	Seminar/Assignment	-	-	-	-	-	-	100
Total								650



**M.PHARM. (PHARMACEUTICAL CHEMISTRY)
(W.E.F. SESSION 2020-21)**

Course of study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPC101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC102T	Advanced Organic Chemistry - I	4	4	4	100
MPC103T	Advanced Medicinal chemistry	4	4	4	100
MPC104T	Chemistry of Natural Product	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry -II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650



**Schemes for internal assessments and end semester examinations
(Pharmaceutical Chemistry-MPC)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continu- ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
Semester I								
MPC101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPC102T	Advanced Organic Chemistry - I	10	15	1 Hr	25	75	3 Hrs	100
MPC103T	Advanced Medicinal chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC104T	Chemistry of Natural Product	10	15	1 Hr	25	75	3 Hrs	100
MPC105P	Pharmaceutical Chemistry Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650
Semester II								
MPC201T	Advanced Spectral Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry -II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer Aided Drug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutical Process Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutical Chemistry Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650



**M.PHARM. (PHARMACOGENOSY)
(W.E.F. SESSION 2020-21)**

Course of study for M. Pharm. (Pharmacognosy)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPG101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy-I	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognostical Technology	4	4	4	100
MPG105P	Pharmacognosy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPG201T	Medicinal Plant biotechnology	4	4	4	100
MPG102T	Advanced Pharmacognosy-II	4	4	4	100
MPG203T	Indian system of medicine	4	4	4	100
MPG204T	Herbal cosmetics	4	4	4	100
MPG205P	Pharmacognosy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650



**Schemes for internal assessments and end semester examinations
(Pharmacognosy- MPH)**

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continu ous Mode	Sessional Exams		Tota l	Mark s	Duratio n	
			Mark s	Duratio n				
Semester I								
MPG101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPG102T	Advanced Pharmacognosy-I	10	15	1 Hr	25	75	3 Hrs	100
MPG103T	Phytochemistry	10	15	1 Hr	25	75	3 Hrs	100
MPG104T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100
MPG105P	Pharmacognosy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650
Semester II								
MPG201T	Medicinal Plant biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPG102T	Advanced Pharmacognosy-II	10	15	1 Hr	25	75	3 Hrs	100
MPG203T	Indian system of medicine	10	15	1 Hr	25	75	3 Hrs	100
MPG204T	Herbal cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MPG205P	Pharmacognosy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar/Assignment	-	-	-	-	-	-	100
Total								650



Course of study for M. Pharm. III Semester (Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
MRM 302P	Journal club	1	1
MRM 303P	Discussion / Presentation (Proposal Presentation)	2	2
MRM 304P	Research Work	28	14
	Total	35	21

*Non University Examination

Course of study for M. Pharm. IV Semester (Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM 401P	Journal club	1	1
MRM 402P	Discussion / Final Presentation	3	3
MRM 403P	Research Work	31	16
	Total	35	20

Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities



Students List [M. Pharm. (Pharmaceutics)]

Sr. No.	Programme Name	Name Of The Student
01.	M. Pharm. (Pharmaceutics)	A Bharti Reddy
02.	M. Pharm. (Pharmaceutics)	Balram Kaushik
03.	M. Pharm. (Pharmaceutics)	Jyoti Chandrakar
04.	M. Pharm. (Pharmaceutics)	Neha Singh
05.	M. Pharm. (Pharmaceutics)	Priyanjna Bhagat
06.	M. Pharm. (Pharmaceutics)	Reena Kaushik
07.	M. Pharm. (Pharmaceutics)	Sikha Pandey
08.	M. Pharm. (Pharmaceutics)	Surendra
09.	M. Pharm. (Pharmaceutics)	Tripty Karri
10.	M. Pharm. (Pharmaceutics)	Vagesh Verma

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Students List [M. Pharm. (Pharmaceutical Chemistry)]

Sr. No.	Programme Name	Name Of The Student
01.	M. Pharm. (Pharmaceutical Chemistry)	Aditya Kumar Pradhan
02.	M. Pharm. (Pharmaceutical Chemistry)	B.G.V.S. Jagan
03.	M. Pharm. (Pharmaceutical Chemistry)	Kamal Bareth
04.	M. Pharm. (Pharmaceutical Chemistry)	Nidhi Agrawal
05.	M. Pharm. (Pharmaceutical Chemistry)	Nisha Lakra
06.	M. Pharm. (Pharmaceutical Chemistry)	Priya Tiwari
07.	M. Pharm. (Pharmaceutical Chemistry)	Rakesh Kumar Kore
08.	M. Pharm. (Pharmaceutical Chemistry)	Rekha Singh
09.	M. Pharm. (Pharmaceutical Chemistry)	Sunil Sahu
10.	M. Pharm. (Pharmaceutical Chemistry)	Tripti Kshatri

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Students List [M. Pharm. (Pharmacology)]

Sr. No.	Programme Name	Name Of The Student
01.	M. Pharm. (Pharmacology)	Ajit Kumar
02.	M. Pharm. (Pharmacology)	Bharti Vaishnav
03.	M. Pharm. (Pharmacology)	Dharmendra Prasad Kewat
04.	M. Pharm. (Pharmacology)	Geeta Singh
05.	M. Pharm. (Pharmacology)	Neha Sharma
06.	M. Pharm. (Pharmacology)	Nidhi Kumari
07.	M. Pharm. (Pharmacology)	Nirdesh Kumar
08.	M. Pharm. (Pharmacology)	Onkar Prasad Kesarwani
09.	M. Pharm. (Pharmacology)	Shivani Behera
10.	M. Pharm. (Pharmacology)	Urvashi Jain
11.	M. Pharm. (Pharmacology)	Venu Anand Das Vaishnav

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Students List [M. Pharm. (Pharmacognosy)]

Sr. No.	Programme Name	Name Of The Student
01.	M. Pharm. (Pharmacognosy)	Alap Pande
02.	M. Pharm. (Pharmacognosy)	Altamash Khan
03.	M. Pharm. (Pharmacognosy)	Apoorva Dwivedi
04.	M. Pharm. (Pharmacognosy)	Aswini Jangade
05.	M. Pharm. (Pharmacognosy)	Dalchand
06.	M. Pharm. (Pharmacognosy)	Dimpi Devangan
07.	M. Pharm. (Pharmacognosy)	Kajal Lal
08.	M. Pharm. (Pharmacognosy)	Monika Chandrakar
09.	M. Pharm. (Pharmacognosy)	Monika Ray
10.	M. Pharm. (Pharmacognosy)	Prachi Agrawal
11.	M. Pharm. (Pharmacognosy)	Pragya Gupta
12.	M. Pharm. (Pharmacognosy)	Priyanka Sahu
13.	M. Pharm. (Pharmacognosy)	Sinchan Das
14.	M. Pharm. (Pharmacognosy)	Vaishali Tiwari

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