

**Baddi University of Emerging Sciences and Technology**  
**Institute of Pharmacy and Emerging Sciences**  
**MASTER OF PHARMACY (M. PHARM.)**  
**GROUP - 1: M. PHARM. (PHARMACEUTICAL CHEMISTRY)**

SCHEME OF TEACHING AND EXAMINATION

Paper	Subject	Teaching Hours/Week		Examination Hours		Examination Marks
		T	P	T	P	
<b>FIRST SEMESTER THEORY</b>						
MPCHM-1011	Advanced Organic Chemistry-I	3	-	3	-	100
MPCHM-1012	Advances in Chemistry of Natural Products	3	-	3	-	100
MPCHM-1013	Advances in Medicinal Chemistry-I	3	-	3	-	100
MPCOM-1074	Modern Analytical and Pharmaceutical Techniques	3	-	3	-	100
<b>PRACTICAL</b>						
MPCHM-1111	Pharmaceutical Chemistry Practical-I	-	12	-	12	300
MPCOM-1172	Modern Analytical and Pharmaceutical Techniques Practical	-	06	-	12	100
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>SECOND SEMESTER THEORY</b>						
MPCHM-2011	Advanced Organic Chemistry-II	3	-	3	-	100
MPCHM-2012/ MPQUA-2052	Advanced Analytical Techniques	3	-	3	-	100
MPCHM-2013	Advances in Medicinal Chemistry-II	3	-	3	-	100
MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs	3	-	3	-	100
<b>PRACTICAL</b>						
MPCHM-2111	Pharmaceutical Chemistry Practical-II	-	18	-	12	400
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>THIRD SEMESTER</b>						200
Pre-Thesis and Viva Voce Voc						200
<b>FOURTH SEMESTER</b>						
Thesis Report, Seminar and Viva Voce						
Internal Examiner						200
External Examiner						200
<b>Total</b>						<b>400</b>

The result of the examination will be on the basis of CGPA.

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**MASTER OF PHARMACY (M. PHARM.)**  
**GROUP - 2: M. PHARM. (PHARMACEUTICS)**

SCHEME OF TEACHING AND EXAMINATION

Paper	Subject	Teaching Hours/Week		Examination Hours		Examination Marks
		T	P	T	P	
<b>FIRST SEMESTER THEORY</b>						
MPCEU-1021	Dosage Forms Design and Development	3	-	3	-	100
MPCEU-1022	Advances in Drug Delivery-I	3	-	3	-	100
MPCEU-1023	Advanced Pharmacokinetics and Biopharmaceutics-I	3	-	3	-	100
MPCOM-1074	Modern Analytical and Pharmaceutical Techniques	3	-	3	-	100
<b>PRACTICAL</b>						
MPCEU-1121	Pharmaceutics Practical-I	-	12	-	12	300
MPCOM-1172	Modern Analytical and Pharmaceutical Techniques Practical	-	06	-	12	100
Total		12	18			800
<b>SECOND SEMESTER THEORY</b>						
MPCEU-2021	Advances in Drug Delivery-II	3	-	3	-	100
MPCEU-2022	Advanced Pharmacokinetics and Biopharmaceutics-II	3	-	3	-	100
MPCEU-2023	Pharmaceutical Technology and Biotechnology	3	-	3	-	100
MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs	3	-	3	-	100
<b>PRACTICAL</b>						
MPCEU-2121	Pharmaceutics Practical-II	-	18	-	12	400
Total		12	18			800
<b>THIRD SEMESTER</b>						200
Pre-Thesis and Viva Voce Voc						200
<b>FOURTH SEMESTER</b>						
Thesis Report, Seminar and Viva Voce						
Internal Examiner						200
External Examiner						200
Total						400

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**MASTER OF PHARMACY (M. PHARM.)**  
**GROUP - 3: M. PHARM.**  
**(PHARMACOGNOSY)**

SCHEME OF TEACHING AND EXAMINATION

Paper	Subject	Teaching Hours/Week		Examination Hours		Examination Marks
		T	P	T	P	
<b>FIRST SEMESTER THEORY</b>						
MPCOG-1031	Drug Discovery from Natural Sources	3	-	3	-	100
MPCOG-1032	Phytochemical Techniques	3	-	3	-	100
MPCOG-1033/ MPQUA-1053	Plant Drug Standardization	3	-	3	-	100
MPCOM-1074	Modern Analytical and Pharmaceutical Techniques	3	-	3	-	100
<b>PRACTICAL</b>						
MPCOG-1131	Pharmacognosy Practical-I	-	12	-	12	300
MPCOM-1172	Modern Analytical and Pharmaceutical Techniques Practical	-	06	-	12	100
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>SECOND SEMESTER THEORY</b>						
MPCOG-2031	Advances in Pharmacognosy-I	3	-	3	-	100
MPCOG-2032	Advances in Pharmacognosy-II	3	-	3	-	100
MPCOG-2033	Plant Drug Cultivation	3	-	3	-	100
MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs	3	-	3	-	100
<b>PRACTICAL</b>						
MPCOG-2131	Pharmacognosy Practical-II	-	18	-	12	400
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>THIRD SEMESTER</b>						<b>200</b>
Pre-Thesis and Viva Voce Voc						<b>200</b>
<b>FOURTH SEMESTER</b>						
Thesis Report, Seminar and Viva Voce						
Internal Examiner						200
External Examiner						200
<b>Total</b>						<b>400</b>

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**MASTER OF PHARMACY (M. PHARM.)**  
**GROUP - 4: M. PHARM. (PHARMACOLOGY)**

SCHEME OF TEACHING AND EXAMINATION

Paper	Subject	Teaching Hours/Week		Examination Hours		Examination Marks
		T	P	T	P	
<b>FIRST SEMESTER</b>						
<b>THEORY</b>						
		T	P	T	P	
MPCOL-1041	General Pharmacology , Pathobiology and Therapeutics	3	-	3	-	100
MPCOL-1042	Experimental Pharmacological Techniques	3	-	3	-	100
MPCOL-1043	Drug Discovery and Toxicology	3	-	3	-	100
MPCOM-1074	Modern Analytical and Pharmaceutical Techniques	3	-	3	-	100
<b>PRACTICAL</b>						
MPCOL-1141	Pharmacology Practical-I	-	12	-	12	300
MPCOM-1172	Modern Analytical and Pharmaceutical Techniques Practical	-	06	-	12	100
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>SECOND SEMESTER</b>						
<b>THEORY</b>						
MPCOL-2041	Clinical Pharmacology	3	-	3	-	100
MPCOL-2042	Molecular Pharmacology	3	-	3	-	100
MPCOL-2043	Recent Advances in Pharmacology	3	-	3	-	100
MPCOM-2084	Intellectual Property Rights and Drug Regulatory Affairs	3	-	3	-	100
<b>PRACTICAL</b>						
MPCOL-2141	Pharmacology Practical –II	-	18	-	12	400
<b>Total</b>		<b>12</b>	<b>18</b>			<b>800</b>
<b>THIRD SEMESTER</b>						<b>200</b>
Pre-Thesis and Viva Voce Voc						<b>200</b>
<b>FOURTH SEMESTER</b>						
Thesis Report, Seminar and Viva Voce						
Internal Examiner						200
External Examiner						200
<b>Total</b>						<b>400</b>

The result of the examination will be on the basis of CGPA.

