

# **SCHOOL OF PHARMACY**

## **CRITERIA 1**

### **SUB CRITERIA 1.3.4**

**Percentage of students undertaking field projects / research projects / internships**

**Academic Year**

**2020-2021**

  
**Dr. Omveer Singh**  
REGISTRAR  
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Gwalior (M.P.)



UNIVERSITY

GWALIOR • MP • INDIA

"CELEBRATING DREAMS"

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3.	Research Projects of UG	9-17
4.	Research Projects of PG	18-23

Prof. A. Balasubramaniam

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Dr. Omveer Singh



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**SCHOOL OF PHARMACY**

**Total Number of Research Projects in UG and PG**

Research Projects	Program	Total Number of students involved in research projects
	B.Pharm	<b>50</b>
	M.Pharm(Pharmaceutics)	<b>11</b>

The students undertake major projects for increasing their practical knowledge and experience. Students are encouraged to do their research in the University, Industry and community to encourage the research insight in them.

  
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## STUDY AND EVALUATION SCHEME (2020-2021)

( SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme: BPharm(BPharm)

Semester: 8th

S.No	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits	
			Theory			Practical				Total Marks	L	T		P
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva						
1	BP801T	Biostatistics and Research Methodology	75	15	10	0	0	0	100	3	1	0	4	
2	BP802T	Social and Preventive Pharmacy	75	15	10	0	0	0	100	3	1	0	4	
3	BP814T	Online certified courses related to Pharmacy IV *	20	0	5	0	0	0	25	1	0	0	1	
4	BP813PW	Project Work	0	0	0	100	25	25	150	0	0	6	6	
5		Elective2.	75	15	10	0	0	0	100	3	1	0	4	
6		Elective2.	75	15	10	0	0	0	100	3	1	0	4	
<b>Total Credits</b>												<b>23</b>		

  
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## Syllabus

<b>Title of the Course</b>	Project Work
<b>Course Code</b>	BP813PW

### Part A

Year	4th	Semester	8th	Credits	L	T	P	C
					0	0	6	6
<b>Course Type</b>	Project							
<b>Course Category</b>	Projects and Internship							
<b>Pre-Requisite/s</b>				<b>Co-Requisite/s</b>				
<b>Course Outcomes &amp; Bloom's Level</b>	<b>CO1-</b> To understand Review literature ( <b>BL2-Understand</b> ) <b>CO2-</b> To apply knowledge into practical manner ( <b>BL3-Apply</b> ) <b>CO3-</b> To write and present thesis work ( <b>BL3-Apply</b> )							
<b>Course Elements</b>	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✓ Gender ✗ Human Values ✗ Environment ✓	<b>SDG (Goals)</b>	SDG1(No poverty) SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG8(Decent work and economic growth) SDG10(Reduced inequalities) SDG11(Sustainable cities and economies) SDG12(Responsible consumption and production) SDG17(Partnerships for the goals)					

### Part B

Modules	Contents	Pedagogy	Hours
1	1. The area of the project shall directly relate any one of the elective subject opted by the students 2. All the students shall undertake a project under the supervision of a teacher and submit a report. 3. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages). 4. The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). 5. Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). 6. The projects shall be evaluated as per the criteria given below.	PBL	150

  
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## Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
1	As per supervisor's instructions	PBL	BL2-Understand	10

## Part D(Marks Distribution)


Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
150	75	100	50	50	25

## Part E

<b>Books</b>	As per Given Topic
<b>Articles</b>	As per Given Topic <a href="https://www.sciencedirect.com/search">https://www.sciencedirect.com/search</a> NCBI/Pubmed Library
<b>References Books</b>	As per Given Topic
<b>MOOC Courses</b>	NA
<b>Videos</b>	As per Given Topic

## Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	3	3	1	0	0	-	-	-	-	1	0	0
CO2	2	1	2	3	2	1	0	0	-	-	-	-	1	0	0
CO3	2	1	2	3	2	1	0	0	-	-	-	-	1	0	0
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

  
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## STUDY AND EVALUATION SCHEME


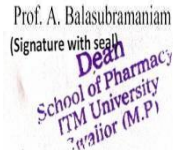
(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Name of Course: M Pharm(Pharmaceutics)

Semester: 4th

.No.	Subject Code	Subject Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	MPH 401P	Journal Club	0	0	0	0	25	0	25	0	0	1	1
2	MPH 402P	Discussion/Presentation (Proposal Presentation)	0	0	0	75	0	0	75	0	0	16	16
3	MPH 403P	Discussion/Final Presentation	0	0	0	200	100	100	400	0	0	3	3
4	MPH 404T	Research Publication /Report	0	0	0	50	0	0	50	0	0	1	1
<b>Total Credits</b>												21	

Newly Added Courses

  
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## Syllabus-2020-2021

(SOP)(MPharm-Pharmaceutics)

<b>Title of the Course</b>	Discussion/Final Presentation
<b>Course Code</b>	MPH 403P

### Part A

<b>Year</b>	2nd	<b>Semester</b>	4th	<b>Credits</b>	L	T	P	C
					0	0	3	3
<b>Course Type</b>	Lab only							
<b>Course Category</b>	Projects and Internship							
<b>Pre-Requisite/s</b>				<b>Co-Requisite/s</b>				
<b>Course Outcomes &amp; Bloom's Level</b>	<b>CO1-</b> To know how to conduct a research( <b>BL2-Understand</b> ) <b>CO2-</b> To know about different research methodologies( <b>BL2-Understand</b> ) <b>CO3-</b> Application of research principles and statistical principles( <b>BL3-Apply</b> )							
<b>Course Elements</b>	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		<b>SDG (Goals)</b>	SDG4(Quality education)				

### Part B

Modules	Contents	Pedagogy	Hours
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### Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	200				
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
400	200	200	100	200	100

  
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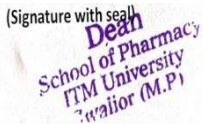


## Part E

<b>Books</b>	NA
<b>Articles</b>	NA
<b>References Books</b>	NA
<b>MOOC Courses</b>	NA
<b>Videos</b>	NA

## Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	3	3	3	1	-	-	-	-	-	3	-	1	-	3
CO2	-	2	3	3	1	-	-	-	-	-	3	-	-	-	1
CO3	-	3	3	3	-	-	-	-	-	-	2	-	1	-	3
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

  
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## Syllabus-2020-2021

### (SOP)(MPharm-PharmaCeutics)

<b>Title of the Course</b>	Research Publication /Report
<b>Course Code</b>	MPH 404T

#### Part A

<b>Year</b>	2nd	<b>Semester</b>	4th	<b>Credits</b>	L	T	P	C
					0	0	2	2
<b>Course Type</b>	Lab only							
<b>Course Category</b>	Projects and Internship							
<b>Pre-Requisite/s</b>					<b>Co-Requisite/s</b>			
<b>Course Outcomes &amp; Bloom's Level</b>	<b>CO1-</b> students should improve thier publication writing skills( <b>BL2-Understand</b> ) <b>CO2-</b> Improve their communication skills ( <b>BL3-Apply</b> ) <b>CO3-</b> should get sound knowledge of various databases ,referencing styles and softwares( <b>BL3-Apply</b> )							
<b>Course Elements</b>	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✓ Gender ✗ Human Values ✓ Environment ✗		<b>SDG (Goals)</b>	SDG4(Quality education)				

#### Part B

Modules	Contents	Pedagogy	Hours
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#### Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
1	presenting research/review papers in various seminars ,conferences or symposiums	PBL		

  
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## Part D(Marks Distribution)


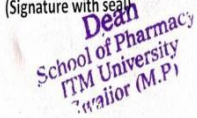
Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	25				
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
50	0	50	25	0	0

## Part E

<b>Books</b>	NA
<b>Articles</b>	NA
<b>References Books</b>	NA
<b>MOOC Courses</b>	NA
<b>Videos</b>	NA

## Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	3	2	2	1	-	-	-	-	-	3	-	1	1	3
CO2	1	1	2	2	-	-	-	-	-	-	2	-	2	2	3
CO3	1	3	3	2	1	-	-	-	-	-	3	-	1	2	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

  
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## Details of UG, Project Report

**Name of the School: School of Pharmacy**

**Name of the Course and Branch: B. Pharm**

**Session: 2020-21**

**Total No. of Students enrolled: 50**


S. No	Specialization	Name of the Student	Roll No.	Title of the project	Duration	Guide's Name
1	Pharmacy	Agnibha Chakraborty	BPYN1PY17001	Rotary Tableting Press	6 months	Mr Anurag Agrawal
2	Pharmacy	Akshay Anand	BPYN1PY17002	Finished Goods Quality Assurance	6 months	Mr Anurag Agrawal
3	Pharmacy	Aman Agrawal	BPYN1PY17003	The Perfect Excipient Product	6 months	Mr Anurag Agrawal
4	Pharmacy	Aman Jain	BPYN1PY17004	Composition Affects Material Selection	6 months	Mr Anurag Agrawal
5	Pharmacy	Ankur Singh Baghel	BPYN1PY17005	Fractional Experimental Design.	6 months	Mr Anurag Agrawal
6	Pharmacy	Anoop Tyagi	BPYN1PY17006	The moisture content of tablet	6 months	Ms. Ankita Kishore
7	Pharmacy	Anuj Kumar Singh	BPYN1PY17008	Stability of the colorant	6 months	Ms. Ankita Kishore
8	Pharmacy	Anushka Raj	BPYN1PY17009	Changes in tablet hardness. friability. dissolution rate	6 months	Ms. Ankita Kishore
9	Pharmacy	Apoorva Singh	BPYN1PY17010	evaluation of colon-targeted drug delivery system	6 months	Ms. Ankita Kishore
10	Pharmacy	Aradhya Garg	BPYN1PY17011	drug delivery and bio-availability.	6 months	Ms. Ankita Kishore
11	Pharmacy	Arpit Jain	BPYN1PY17012	Methods and types of dosage form	6 months	Mr Nem Kumar Jain
12	Pharmacy	Ashish Ranjan	BPYN1PY17014	Methods and types of dosage form	6 months	Mr Nem Kumar Jain
13	Pharmacy	Brajesh Singh	BPYN1PY17016	Early and common problems related to existing dosage forms	6 months	Mr Nem Kumar Jain
14	Pharmacy	Chipu Bubala	BPYN1PY17017	Points you have to study and review for literature	6 months	Mr Nem Kumar Jain

				purpose		
15	Pharmacy	Dharma Singh Dhakar	BPYN1PY17019	Study of Tray Dryers	6 months	Mr Nem Kumar Jain
16	Pharmacy	Ethel longa	BPYN1PY17020	Study of fluidized Bed Dryer.	6 months	Mr. Shivam Tayal
17	Pharmacy	Evelyn Bupambo	BPYN1PY17021	Study of Vacuum Dryer	6 months	Mr. Shivam Tayal
18	Pharmacy	Gaurab Sharma	BPYN1PY17022	Study of Freeze Dryer	6 months	Mr. Shivam Tayal
19	Pharmacy	Harsh Bhatele	BPYN1PY17024	Viscosity- Imparting Agents in Disperse Systems	6 months	Mr. Shivam Tayal
20	Pharmacy	Hemant kumar Haldkar	BPYN1PY17025	Oral Aqueous Suspensions	6 months	Mr. Shivam Tayal
21	Pharmacy	Kajal Mishra	BPYN1PY17028	Topical Suspensions A review	6 months	Dr. Bala Subramaniam
22	Pharmacy	Khushboo Shrotriy	BPYN1PY17030	Formulation of atomoxetine HCL buccal drug delivery system	6 months	Dr. Bala Subramaniam
23	Pharmacy	Manvendra Tyagi	BPYN1PY17031	Nanocapsules: Nano Novel Drug Delivery system	6 months	Dr. Bala Subramaniam
24	Pharmacy	Musonda Pearson	BPYN1PY17032	Methods and types of dosage form	6 months	Dr. Bala Subramaniam
25	Pharmacy	Mwangala Mushewa	BPYN1PY17033	Sustained Release Effervescent Floating Bilayer	6 months	Dr. Bala Subramaniam
26	Pharmacy	Nikharika Modi	BPYN1PY17035	Formulation And Evaluation Of Metformin Hydrochloride Buccal Patch.	6 months	Dr. Subodh Kumar Dubey
27	Pharmacy	Nikhil Gupta	BPYN1PY17036	Formulation And Evaluation Of Orodispersible Tablets To Enhance Dissolution Rate Of Lamotrigine By Using Solid Dispersion Technique	6 months	Dr. Subodh Kumar Dubey
28	Pharmacy	Param Singh Solanki	BPYN1PY17037	Formulation Development And In Vitro Evaluation Of Mouth Dissolving Tablets Of Pioglitazone Hydrochloride.	6 months	Dr. Subodh Kumar Dubey
29	Pharmacy	Pawan Kumar Goswami	BPYN1PY17038	Preparation And Evaluation Of Nano-Emulsion	6 months	Dr. Subodh Kumar Dubey

				Formulation By Using Spontaneous Emulsification		
30	Pharmacy	Prashant Jain	BPYN1PY17039	A Review On Gastro-Intestinal Drug Esomeprazole. Effect Of Ascorbic Acid On Dissolution Stability Of Rifampicin In Market Fixed Dose Combination Products For Tuberculosis	6 months	Dr. Subodh Kumar Dubey
31	Pharmacy	Pratibha Sharma	BPYN1PY17040	Tablets A Review Of Novel Approach	6 months	Mr. H.K Pathan
32	Pharmacy	Pravin Kumar sharma	BPYN1PY17041	Formulation And Evaluation Of Atomoxetine Hydrochloride Sustained Release Tablets. Nano-Particles Containing Anticancer Drug.	6 months	Mr. H.K Pathan
33	Pharmacy	Priyanti Halder	BPYN1PY17042	Solubility Enhancement Of Poorly Water Soluble Drug By Spherical Crystallization Technique.	6 months	Mr. H.K Pathan
34	Pharmacy	Punnet Rawat	BPYN1PY17043	In-Vitro Antiproliferative Activity Of M. Azedarach	6 months	Mr. H.K Pathan
35	Pharmacy	Rishabh Khare	BPYN1PY17045	Impact And Management Tool For Identification And Reduction Of Human Errors In Pharmaceuticals Industry.	6 months	Mr. H.K Pathan
36	Pharmacy	Ritu Karna	BPYN1PY17046	Solid Dispersion- A Review. Validation-In Pharmaceutical Industry :	6 months	Mr. H.K Pathan
37	Pharmacy	Rohit Bhandari	BPYN1PY17047	Cleaning Validation – A Brief.	6 months	Mr. H.K Pathan

38	Pharmacy	Rohit Gaur	BPYN1PY17048	Formulation and evaluation of Cinnarizin sustained	6 months	Mr. H.K Pathan
39	Pharmacy	Saroj Prince Rakesh	BPYN1PY17049	Design, formulation & Evaluation of multilayer Floating tablet of metiguanide Hcl and sitagliptin phosphate	6 months	Mr. H.K Pathan
40	Pharmacy	Saswati Dubey	BPYN1PY17050	Formulation of montelucast Fast dissolving tablet and Their evaluation	6 months	Mr. H.K Pathan
41	Pharmacy	Satyam Dubey	BPYN1PY17051	Formulation development and characterization of topical Organogel of econazole for the treatment of skin disease	6 months	Mrs Priyanka Kesari
42	Pharmacy	Shilpa Verma	BPYN1PY17052	Formulation and evaluation of liposomal drug delivery System for adriablastin	6 months	Mrs Priyanka Kesari
43	Pharmacy	Thewo Chapansi	BPYN1PY17054	Formulation and evaluation of bi-layered of volproate semisodium	6 months	Mrs Priyanka Kesari
44	Pharmacy	Vaibhav Nigotiya	BPYN1PY17056	Development and validation of hplc method for the determination of ketamine hcl in urine sample	6 months	Mrs Priyanka Kesari
45	Pharmacy	Yuvraj Singh	BPYN1PY17058	Formulation and evaluation studies of Acycloguanosine topical gels for anti-viral activity	6 months	Mrs Priyanka Kesari
46	Pharmacy	Luundu Miyoba	BPYN1PY17059	Preparation and evaluation of muco-adhesive buccal tablets of Psidiu guajava stem bark ethanol extract for oral infection disease	6 months	Mrs. Ekta Khare
47	Pharmacy	Nicholas Shapenga	BPYN1PY17061	Design development and evaluation of	6 months	Mrs. Ekta Khare

				Nucleoside analog reverse transcriptase Inhibitor (nrtis) based fdds		
48	Pharmacy	Banda Kelvin	BPYN1PY17062	Design, formulation & Development of fast dissolving Multilayer tablet of anti-hiv Drugs	6 months	Mrs. Ekta Khare
49	Pharmacy	Rajesh Rajoriya	BPYN1PY17063	Study of hammer mill	6 months	Mrs. Ekta Khare
50	Pharmacy	Pradeep Kashyap	BPYN1PY17064	Study of Nano Carriers	6 months	Mrs. Ekta Khare

  
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# FINISHED GOODS AND QUALITY ASSURANCE



A Dissertation submitted to

ITM University, Gwalior

in the partial fulfillment of the degree of

**BACHELOR'S IN PHARMACY**

**Submitted by:**

**AKSHAY ANAND**

**BPYN1PY17002**

**Supervised by**

**Mr. ANURAG AGRAWAL**

**(ASSOCIATE PROFESSOR)**



Prof. A. Balasubramaniam

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# STABILITY OF THE COLORANT



A Dissertation submitted to

ITM University, Gwalior

in the partial fulfillment of the degree of

**BACHELOR'S IN PHARMACY**

**Submitted by:**

**ANUJ KUMAR SINGH**


**BPYN1PY17008**

**Supervised by**

**Ms. ANKITA KISHORE**

**(ASSISTANT PROFESSOR)**

  
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Prof. A. Balasubramaniam  
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**Gwalior (M.P.)**

# STUDY OF TRAY DRYERS



A Dissertation submitted to

ITM University, Gwalior

in the partial fulfillment of the degree of

**BACHELOR'S IN PHARMACY**

**Submitted by:**

**DHARAM SINGH DHAKAR**

**BPYN1PY17019**

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**Mr. NEM KUMAR JAIN**

**(ASSISTANT PROFESSOR)**



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# ORAL AQUEOUS SUSPENSION



A Dissertation submitted to

ITM University, Gwalior

in the partial fulfillment of the degree of

**BACHELOR'S IN PHARMACY**

**Submitted by:**

**HEMANT KUMAR HALDKAR**

**BPYN1PY17025**

**Supervised by**

**Mr. SHIVAM TAYAL**

**(ASSOCIATE PROFESSOR)**



Prof. A. Balasubramaniam

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### Details of UG, PG research projects

**Name of the School: School of Pharmacy**  
**Name of the Course and Branch: M.Pharm**  
**(Pharmaceutics) Session: 2020-21**  
**Total No. of Students enrolled: 11**

S.No	Specialization	Name of the Student	Roll No.	Title of the project	Duration	Guide's Name
1	Pharmaceutics	Abhish ek Kushw ah	MPYN1PY1 9 001	Formulation and evaluation studies of Acycloguanos ine topical gels for anti-viral activity	2 Yrs	Mr. Anurag Agrawal
2	Pharmaceutics	Nirmal Goswa mi	MPYN1PY1 9 006	Preparation and evaluation of muco-adhesive buccal tablets of Psidiu guajava stem bark ethanol extract for oral infection disease	2 Yrs	Mr. Nem Kumar Jain
3	Pharmaceutics	Parth Rawat		Design developme nt and evaluation of Nucleoside analog reverse transcriptase Inhibitor (nrtis) based fdds	2 Yrs	Mr. Nem Kumar Jain

4	Pharmaceutics	Amita Mandil	MPYN1PY1 9 003	Design, formulation & Development of fast dissolving Multilayer tablet of anti-hiv Drugs	2 Yrs	Dr. Subodh Kumar Dubey
5	Pharmaceutics	Priyanshu Kumar	MPYN1PY1 9 017	Formulation and evaluation of Cinnarizin sustained released tablets	2 Yrs	Mr. Shivam Tayal
6	Pharmaceutics	Mayank Kulshrestha	MPYN1PY1 9 005	Design, formulation & Evaluation of multilayer Floating tablet of metiguanide Hcl and sitagliptin phosphate	2 Yrs	Dr. Subodh Kumar Dubey
7	Pharmaceutics	Rahul Bhadoriya	MPYN1PY1 9 010	Formulation of montelucast Fast dissolving tablet and Their evaluation	2 Yrs	Dr. Subodh Kumar Dubey
8	Pharmaceutics	Shubham Gupta	MPYN1PY1 9 016	Formulation development and characterizati on of topical Organogel of econazole for the treatment of skin disease	2 Yrs	Dr. Subodh Kumar Dubey
9	Pharmaceutics	Shubham Dixit	MPYN1PY1 9 014	Formulation and evaluation of liposomal drug delivery System for adriablastin	2 Yrs	Mr. Shivam Tayal
10	Pharmaceutics	Sanket Shrivastava	MPYN1PY1 9 012	Formulation and evaluation of bi- layered of volproate semisodium	2 Yrs	Mr. HK Pathan

11	Pharmaceutics	Shalini Singh		Development and validation of hplc method for the determination of ketamine hcl in urine sample	2 Yrs	Dr. Subodh Kumar Dubey
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Prof. A. Balasubramaniam

(Signature with seal)

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# DESIGN, FORMULATION & DEVELOPMENT OF FAST DISSOLVING MULTILAYER TABLET OF ANTI-HIV DRUGS

*Thesis*

*Submitted in partial fulfillment for the award of the degree of*

**MASTER OF PHARMACY**

in pharmaceutics



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"CELEBRATING DREAMS"

Submitted by

**AMITA MANDIL**

**(MPYNIPY19003)**


Under the guidance of

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**ITM UNIVERSITY, GWALIOR- 474026 (M.P.), INDIA**

2021



# FORMULATION OF MONTELUCAST FAST DISSOLVING TABLET AND THEIR EVALUATION

*Thesis*

*Submitted in partial fulfillment for the award of the degree of*

**MASTER OF PHARMACY(PHARMACEUTICS)**



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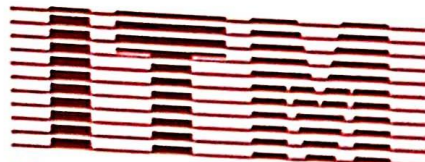
**Dr. Omveer Singh**  
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**FORMULATION DEVELOPMENT AND  
CHARACTERIZATION OF TOPICAL ORGANOGEL OF  
ECONAZOLE FOR THE TREATMENT OF SKIN DISEASE**

*Thesis*

*Submitted in partial fulfillment for the award of the degree of*

**MASTER OF PHARMACY (Pharmaceutics)**



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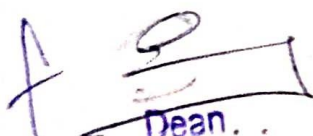
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**DEVELOPMENT AND VALIDATION OF HPLC  
METHOD FOR THE DETERMINATION OF  
KETAMINE HCL IN URINE SAMPLE**

*Thesis*

*Submitted in partial fulfillment for the award of the degree of*

**MASTER OF PHARMACY**



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