

SCHOOL OF PHARMACY

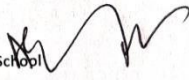
CRITERIA 1

SUB CRITERIA 1.3.4

Percentage of students undertaking field projects / research projects / internships

Academic Year

2022-2023

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"CELEBRATING DREAMS"

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Total Number of Research Projects in UG and PG

Research Projects	Program	Total Number of students involved in research projects
	B.Pharm	27
	M.Pharm(Pharmaceutics)	13

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
(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme: M Pharm (Pharmaceutics)

Semester: 3rd

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	MPH 301T	Research Methodology and Biostatistics	75	15	10	0	0	0	100	4	0	0	4
2	MPH 302P	Journal Club	0	0	0	0	25	0	25	0	0	1	1
3	MPH 303P	Discussion Presentation (Proposal Presentation)	0	0	0	50	0	0	50	0	0	2	2
4	MPH 304P	Research Work	0	0	0	200	100	50	350	0	0	14	14
5	MPH 305P	Research Presentation in Seminar/Conference/Symposium	0	0	0	50	0	0	50	0	0	2	2
Total Credits												23	

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STUDY AND EVALUATION SCHEME

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme: M Pharm (Pharmaceutics)

Semester: 4th

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	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
Total Credits											21		

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Syllabus

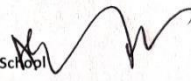
Title of the Course	Journal Club
Course Code	MPH

Part A

Year	Semester	Credits	L	T	P	C
			0	0	1	1
Course Type	Lab only					
Course Category	Discipline Core					
Pre-Requisite/s	1.The student should be know how to search the research/ review topics 2.To know about the Various databases 3. To know about the bibliography and presentation skills		Co-Requisite/s			
Course Outcomes & Bloom's Level	CO1- To acquire communication skills,group discussion, team work and to gain new knowledge(BL2-Understand) CO2- o critically evaluate recent articles in the academic literature (BL3-Apply)					
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professsonal Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG9(Industry Innovation and Infrastructure)			

Part B

Modules	Contents	Pedagogy	Hours
1	To understand the recent literature in Pharmaceutical sciences	WORD DOCUMENT/ppt	10
2	To prepare review articles	Word document/ppt	12
3	To present review articles	word document/ppt	3


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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
25	13	25	12	0	0

Part E

Books	NA
Articles	
References Books	NA
MOOC Courses	NA
Videos	NA

Course Articulation Matrix

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

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Syllabus

Title of the Course	Research Methodology and Biostatistics
Course Code	MPH 301T

Part A

Year	Semester	Credits	L	T	P	C
			4	0	0	4
Course Type	Theory only					
Course Category	Discipline Core					
Pre-Requisite/s	To develop research and analytical skills To find out how to conduct a research To identify the research problem and suitable methodology To calculate sample size and application of suitable stastical methods		Co-Requisite/s			
Course Outcomes & Bloom's Level	CO1- Develop the ability to apply the methods while working on a research project work(BL2-Understand) CO2- Describe the appropriate statistical methods required for a particular research design (BL2-Understand) CO3- Choose the appropriate research design and develop appropriate research hypothesis for a research project(BL3-Apply) CO4- Develop an appropriate framework for research studies(BL4-Analyze)					
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professsional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG9(Industry Innovation and Infrastructure)			

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Part B

Modules	Contents	Pedagogy	Hours
UNIT-I	General Research Methodology: Research, objective, requirements, practical difficulties, review of literature, study design, types of studies, strategies to eliminate errors/bias, controls, randomization, crossover design, placebo, blinding techniques	WHITEBOARD	12
UNIT-II	Biostatistics: Definition, application, sample size, importance of sample size, factors influencing sample size, dropouts, statistical tests of significance, type of significance tests, parametric tests (students "t" test, ANOVA, Correlation coefficient, regression), non-parametric tests (wilcoxon rank tests, analysis of variance, correlation, chi square test), null hypothesis, P values, degree of freedom, interpretation of P values.	WHITE BOARD	12
UNIT-III	Medical Research: History, values in medical ethics, autonomy, beneficence, non-maleficence, double effect, conflicts between autonomy and beneficence/non-maleficence, euthanasia, informed consent, confidentiality, criticisms of orthodox medical ethics, importance of communication, control resolution, guidelines, ethics committees, cultural concerns, truth telling, online business practices, conflicts of interest, referral, vendor relationships, treatment of family members, sexual relationships, fatality.	WHITE BOARD	12
UNIT-IV	CPCSEA guidelines for laboratory animal facility: Goals, veterinary care, quarantine, surveillance, diagnosis, treatment and control of disease, personal hygiene, location of animal facilities to laboratories, anesthesia, euthanasia, physical facilities, environment, animal husbandry, record keeping, SOPs, personnel and training, transport of lab animals	WHITE BOARD	12
UNIT-V	Declaration of Helsinki: History, introduction, basic principles for all medical research, and additional principles for medical research combined with medical care	WHITE BOARD	12

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	37	25	12
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	0				

Part E

Books	1. Pharmaceutical statistics- Practical and clinical applications, Sanford Bolton, publisher Marcel Dekker Inc. NewYork. 2. Fundamental of Statistics – Himalaya Publishing House- S.C.Guptha
Articles	NA
References Books	1. Design and Analysis of Experiments –PHI Learning Private Limited, R. Pannersevam. 2. Design and Analysis of Experiments – Wiley Students Edition, Douglas and C. Montgomery
MOOC Courses	https://www.coursera.org/search?query=biostatistics%20in%20public%20health
Videos	https://www.youtube.com/watch?v=UtivXLO7c9A

Course Articulation Matrix

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

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Syllabus

Title of the Course	Discussion Presentation (Proposal Presentation)
Course Code	MPH 303P

Part A

Year	Semester	Credits	L	T	P	C
			0	0	2	2
Course Type	Lab only					
Course Category	Projects and Internship					
Pre-Requisite/s	Selection and discussion of project proposal		Co-Requisite/s			
Course Outcomes & Bloom's Level	CO1- To know how to frame a research problem () CO2- to know how to set a hypothesis() CO3- can able to perform literature survey, and prepare a proposal of thesis()					
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)		SDG9(Industry Innovation and Infrastructure)	

Part B

Modules	Contents	Pedagogy	Hours
UNIT-I	General Research Methodology: Research, objective, requirements, practical difficulties, review of literature, study design, types of studies, strategies to eliminate errors/bias, controls, randomization, crossover design, placebo, blinding techniques	WHITEBOARD	12

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
50	25	50	25	0	0

Part E

Books	NA
Articles	NA
References Books	NA
MOOC Courses	NA
Videos	NA

Course Articulation Matrix

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

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Syllabus

Title of the Course	Research Work
Course Code	MPH 304P

Part A

Year	Semester	Credits	L	T	P	C
			0	0	28	28
Course Type	Lab only					
Course Category	Projects and Internship					
Pre-Requisite/s	1. TO Know about the basics of research 2. To know how to do literature survey, and methodologies 3. To know about the stastical applications and results		Co-Requisite/s			
Course Outcomes & Bloom's Level	CO1- To know how to conduct a research(BL2-Understand) CO2- To know about different research methodologies(BL2-Understand) CO3- Apllication of research principles and stastical principles(BL3-Apply)					
Coures Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professsional Ethics ✓ Gender ✗ Human Values ✓ Environment ✗		SDG (Goals)		SDG4(Quality education) SDG9(Industry Innovation and Infrastructure)	

Part B

Modules	Contents	Pedagogy	Hours
UNIT-I	General Research Methodology: Research, objective, requirements, practical difficulties, review of literature, study design, types of studies, strategies to eliminate errors/bias, controls, randomization, crossover design, placebo, blinding techniques	WHITEBOARD	12

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
	175				
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
350	175	200	100	150	75

Part E

Books	NA
Articles	NA
References Books	NA
MOOC Courses	NA
Videos	NA

Course Articulation Matrix

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

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Syllabus

Title of the Course	Research Presentation in Seminar/ Conference/Symposium
Course Code	MPH 305P

Part A

Year	Semester	Credits	L	T	P	C
			0	0	2	2
Course Type	Lab only					
Course Category	Projects and Internship					
Pre-Requisite/s	know about preparation of presentation	Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- develop the communication skills(BL2-Understand) CO2- develop presentation skills(BL3-Apply)					
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗	SDG (Goals)	SDG4(Quality education) SDG9(Industry Innovation and Infrastructure)			

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

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Part E

Books	NA
Articles	NA
References Books	NA
MOOC Courses	NA
Videos	NA

Course Articulation Matrix

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

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STUDY AND EVALUATION SCHEME

(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	BP813PW	Project Work	0	0	0	100	25	25	150	0	0	6	6
4		Elective2.	75	15	10	0	0	0	100	3	1	0	4
5		Elective2.	75	15	10	0	0	0	100	4	0	0	4
Total Credits												22	

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Syllabus()

Title of the Course	Project Work
Course Code	BP813PW

Part A

Year	4th	Semester	8th	Credits	L	T	P	C
					0	0	6	6
Course Type	Project							
Course Category	Projects and Internship							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- To understand Review literature (BL2-Understand) CO2- To apply knowledge into practical manner (BL3-Apply) CO3- To write and present thesis work (BL3-Apply)							
Course Elements	Skill Development ✗ Entrepreneurship ✓ Employability ✓ Professional Ethics ✓ Gender ✗ Human Values ✗ Environment ✓	SDG (Goals)	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

Books	As per Given Topic
Articles	As per Given Topic https://www.sciencedirect.com/search NCBI/Pubmed Library
References Books	As per Given Topic
MOOC Courses	NA
Videos	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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Details of UG Research projects

Name of the School: School of Pharmacy, ITM University, Gwalior.

Name of the Course and Branch: B.Pharm

Subject: BP813PW Project Work

Session: 2022– 2023

Total No. of Students enrolled: 27

Sample of Research Projects

S.No	Branch	Name of the Student	Roll No.	Title of the project	Duration	Allotment of Guide
1	Pharmacy	Satyam Chaurasia	BPYN1PY19067	Nutraceuticals and its impact on health	6 months	Mr. Shailendra Narwariya
2	Pharmacy	Daniel Chirwa	BPYN1PY19090			
3	Pharmacy	Rishav Dubey	BPYN1PY19056			
4	Pharmacy	Kate Kanyanga	BPYN1PY19098			
5	Pharmacy	Ritesh Kumar	BPYN1PY19057			
6	Pharmacy	Mwaka Naomi	BPYN1PY19045	Vaccine Safety Surveillance	6 months	Mr. Shailendra Narwariya
7	Pharmacy	Kate kanyanga	BPYN1PY19098			
8	Pharmacy	Rachel Tabani	BPYN1PY19088			
9	Pharmacy	Jogesh Kumar	BPYN1PY19030			
10	Pharmacy	Nancy Bandil	BPYN1PY19048			
11	Pharmacy	Biponi Biswas	BPYN1PY19018	Formulation and evaluation of jasmine medicated ZnO nanoparticle with antioxidant biocidal; property	6 months	Mr. Shailendra Narwariya
12	Pharmacy	Serena Robert				
13	Pharmacy	Senamiso				
14	Pharmacy	Md Amaan Siddiqui	BPYN1PY19041	MOA Adverse Effect And Side Effects Of Hepatoprotective Drug	6 months	Dr. Subodh dubey
15	Pharmacy	Mwilwa Chileshe	BPYN1PY19029	Adverse Drug Reaction	6 months	Dr. Subodh dubey
16	Pharmacy	Tinalesa katango	BPYN1PY19032	Synthetic hepatoprotective drugs and their adverse effects	6 months	Dr. Subodh dubey
17	Pharmacy	Abhishek Pulaiya	BPYN1PY19002	Drugs Used In Skin Disease And Their Side Effects	6 months	Dr. Subodh dubey
18	Pharmacy	Vishal Raj	BPYN1PY19080	Advantages, Disadvan	6 months	Dr. Subodh dubey



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				tages And Side Effects Of Herbal Face Mask		
19	Pharmacy	Aman Sihare	BPYN1PY19006	Drugs Used In Skin Disease And Their Side Effects	6 months	Dr. Subodh dubey
20	Pharmacy	Chie Sylviane	BPYN1PY19001	Recent Trends On Immediate Release Dosage Form: A Review	6 months	Mr. Shivam Tayal
21	Pharmacy	Godbless Vitalis	BPYN1PY19094		6 months	
22	Pharmacy	Aditi Chauhan	BPYN1PY19003	Role of Superdisintegrants In Solid Oral Dosage Form	6 months	Mr. Shivam Tayal
23	Pharmacy	Satisfy Nongkhlaw	BPYN1PY19066			
24	Pharmacy	Suyash Jain	BPYN1PY19075	Nanoparticle Based Drug Delivery System In Pharmaceutical Nano Technology	6 months	Mr. Shivam Tayal
25	Pharmacy	Insaf Ali	BPYN1PY19086			
26	Pharmacy	Elizabeth Banda	BPYN1PY19025	Herbal Excipients As Colourants And Dyes	6 months	Mr. Shivam Tayal
27	Pharmacy	Janeth James	BPYN1PY19028			

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Dr. Omveer Singh
REGISTRAR
ITM University
Gwalior (M.P.)

A

Project Report On

Role of Superdisintegrants in solid oral dosage form



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"CELEBRATING DREAMS"

Submitted By:

Aditi Chauhan

BPYN1PY19003

Satisfy Nongkhlaw

BPYN1PY19066

For partial fulfillment of the Degree of

Bachelor of Pharmacy

Under the Guidance Of:

Mr. Shivam Tayal

Associate Professor

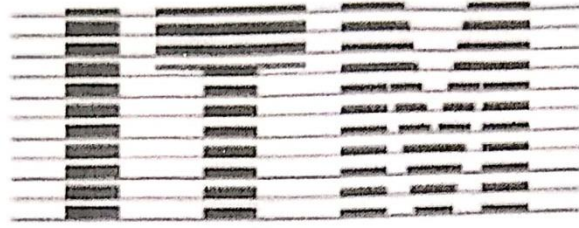
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ITM University
Gwalior, Madhya Pradesh

ITM University, Gwalior





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“ CELEBRATING DREAMS ”

PROJECT REPORT ON

ADVANTAGES, DISADVANTAGES AND SIDE EFFECTS
OF HERBAL FACE MASK

SUBJECT CODE: BP 813PS

SUBMITTED BY

VISHAL RAJ (BPYN1PY19080)

UNDER THE SUPPORT AND GUIDANCE OF


Dr. Omveer Singh
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ITM University
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Dr. SUBODH DUBEY
HOD (SOP Dept.)
SCHOOL OF PHARMACY


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ITM University
Gwalior, Madhya Pradesh





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"CELEBRATING DREAMS"

**DRUGS USED IN SKIN DISEASE AND THEIR SIDE
EFFECTS**

Literature Review

Submitted in the partial fulfilment of the project work for the award
of Bachelor of Pharmacy in B.Pharma

Submitted to

ITM UNIVERSITY GWALIOR [MP]

Project Work

Type your text

Subject Code: BP-813 [P]

Submitted By

Abhishek Pulaiya [BPYN1PY19002]

Under the guidance of

Dr. Subodh Dubey

(SOPDept.)

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DEPARTMENT OF SCHOOL OF PHARMACY

SCHOOL OF PHARMACY

ITM UNIVERSITY, GWALIOR - 474001 MP, INDIA (Jan – July2023)



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"CELEBRATING DREAMS"

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Submitted in the partial fulfilment of the project work for the award
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Submitted to

ITM UNIVERSITY GWALIOR [MP]

Project Work

Subject Code: BP-813 [P]

Submitted By

AMAN SIHARE

[BPYN1PY19006]

Under the guidance of

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(HOD, SOP Dept.)

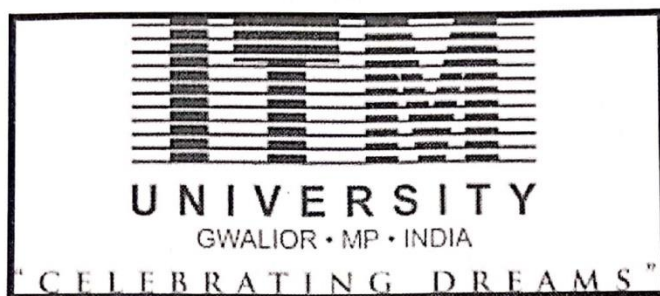

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ITM UNIVERSITY, GWALIOR - 474001 MP, INDIA (Jan – July2023)



ITM University Gwalior

Final year project report

On

ROLE OF PHARMACOVIGILANCE IN INDIA

A final year project report was submitted in partial fulfillment of the Requirement for the Degree of Bachelor of Pharmacy

Under the supervision of

**Assistant Professor
SHAIENDRA SINGH**

Submitted by
SERENA ROBERT
SENAMISO M M. NDHLOVU


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ITM University
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Dr. Omveer Singh
REGISTRAR
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Details of PG Research projects

Name of the School: School of Pharmacy, ITM University, Gwalior.

Name of the Course and Branch: M.Pharm (Pharmaceutics)

Session: 2022– 2023

Total No. of Students enrolled: 13

Sample of Research Projects

S.No	Specialization	Name of the Student	Roll No.	Title of the project	Duration	Guide's Name
1	Pharmaceutics	Akash Sharma	MPYN1PY2 1 001	Formulation And Evaluation Of Agomelatine Loaded Solid Lipid Nanoparticles For The Treatment Of Depression	2 Yrs	Mr. Shivam Tayal
2	Pharmaceutics	Anvesh Jain	MPYN1PY2 1 004	Design And Development Of Liposomal Hydrogel Of Diclofenac Sodium For The Treatment Of Rheumatoid Arthritis	2 Yrs	Mr. Shivam Tayal
3	Pharmaceutics	Gineeta Devi	MPYN1PY2 1 005	Formulation And Evaluation Of Fast Dissolving Tablets Of Fenoprofen	2 Yrs	Mr. Shailendra Singh
4	Pharmaceutics	Mineeta Mahra	MPYN1PY2 1 006	Design And Formulation Of Nanoemulsions Of Hydroxychloroquine For Rheumatoid Arthritis	2 Yrs	Mrs. Priyanka Keshri
5	Pharmaceutics	Mansi Tyagi	MPYN1PY2 1 007	Formulation Development And Characterization Of Floating Drug Delivery Of Rosiglipazone	2 Yrs	Mrs. Priyanka Keshri



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				Maleate		
6	Pharmaceutics	Divya Gupta	MPYN1PY2 1 009	Formulation And Evaluation Of Buccal Drug Delivery System Of Nifedipine	2 Yrs	Dr. M. Alagusundaram
7	Pharmaceutics	Pratibha Sharma	MPYN1PY2 1 010	Formulation And Evaluation Of Controlled Release Matrix Tablets Of Metoprolol Succinate	2 Yrs	Mrs. Priyanka Keshri
8	Pharmaceutics	Prabhakar	MPYN1PY2 1 011	Development and characterization of self heating transdermal patch of lidocaine for the management of pain	2 Yrs	Ms. Neha Chopra
9	Pharmaceutics	Vaibhav Saraswat	MPYN1PY2 1 012	Preparation Of Mouth Dissolving Tablets Of Amlodipine Besylate	2 Yrs	Dr. M. Alagusundaram
10	Pharmaceutics	Bhavesh Gupta	MPYN1PY2 1 013	Formulation Of Anti-Acne Gel From Moringa Oliefera As An Ethanollic Extract	2 Yrs	Ms. Neha Chopra
11	Pharmaceutics	Ashish Ranjan	MPYN1PY2 1 014	Formulation and evaluation of mucoadhesive buccal films of ranitidine	2 Yrs	Dr. Alagusundaram
12	Pharmaceutics	Brajesh Singh	MPYN1PY2 1 015	Formulation And Evaluation Of Aceclofenac Hydrogels	2 Yrs	Dr. Alagusundaram
13	Pharmaceutics	Yuvraj Singh	MPYN1PY2 0 008	Formulation Injection Usp 3% Development And Evaluation Of Sodium Chloride	2 Yrs	Dr. G. Venkateshwarlu

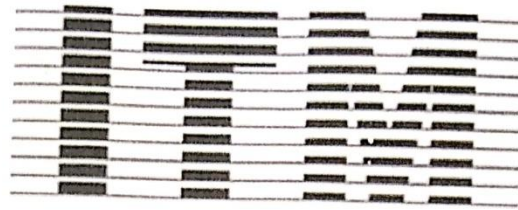
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Gwalior (M.P.)

**DESIGN AND DEVELOPMENT OF LIPOSOMAL HYDROGEL
OF DICLOFENAC SODIUM FOR THE TREATMENT OF
RHEUMATOID ARTHRITIS**



UNIVERSITY
GWALIOR • MP • INDIA

A dissertation submitted in partial fulfilment of the requirement for
the award of the degree of

**MASTER OF PHARMACY
PHARMACEUTICS
ITM UNIVERSITY GWALIOR**

By

ANVESH JAIN

Roll No. MPYN1PY21004

Under the Guidance of

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DESIGN AND FORMULATION OF NANO EMULSIONS OF HYDROXYCHLOROQUINE FOR RHEUMATOID ARTHRITIS

A dissertation submitted in partial fulfilment of the requirement for
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**FORMULATION AND EVALUATION OF FAST DISSOLVING
TABLETS OF FENOPROFEN USING 'NATURAL POLYMERS FOR
THE TREATMENT OF REHEUMATOID ARTHRITIS**

A dissertation submitted in partial fulfillment of the requirement for the award of
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**FORMULATION DEVELOPMENT AND
CHARACTERIZATION OF FLOATING DRUG
DELIVERY SYSTEM OF ROSIGLITAZONE
MALEATE**

A dissertation submitted in partial fulfilment of the requirement for
the award of the degree of



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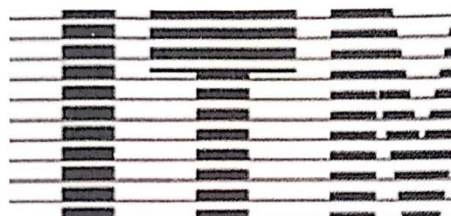
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FORMULATION AND EVALUATION OF BUCCAL DRUG DELIVERY SYSTEM OF NIFEDIPINE

A dissertation submitted in partial fulfilment of the requirement for
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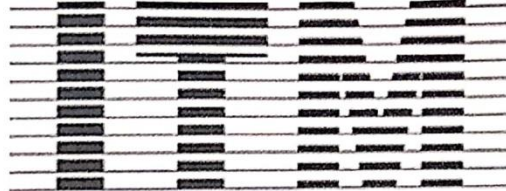
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FORMULATION AND EVALUATION OF CONTROLLED RELEASE MATRIX TABLETS OF METOPROLOL SUCCINATE

A dissertation submitted in partial fulfilment of the requirement for
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FORMULATION AND EVALUATION OF ACECLOFENAC HYDROGELS

A dissertation submitted in partial fulfilment of the requirement for
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**FORMULATION AND EVALUATION OF AGOMELATINE
LOADED SOLID LIPID NANO PARTICLES FOR THE
TREATMENT OF DEPRESSION**

A dissertation submitted in partial fulfilment of the requirement for
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**FORMULATION OF ANTI-ACNE GEL FROM MORINGA
OLIEFERA AS AN ETHANOLIC EXTRACT**

A dissertation submitted in partial fulfilment of the requirement for
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