# PROJECT DETAILS OF FINAL YEAR B.PHARM STUDENTS



JAYWANT SHIKSHAN PRASARAK MANDAL'S

Accredited by NACC With 'A' Grade)

S. No. 82/2, Pune - Mumbai By Pass Highway, Tathawade, Pune 411 033.



Vision: To be the premier institute in the field of pharmaceutical education, research and healthcare for the betterment of society.

#### List of Title of Projects Final year B. Pharm Semester-VII December 2024

A.V 2023-24

Sr. No.	Roll No.	Name of Student	Name & Signature of Teaching Staff	Title of Project	
		Formulation & Develo	pment		
1.	6 ·	Namrata sanjay Bendkule		Formulation & Evaluation of	
2.	9	Shweta Pandurang Bhalekar	Prof. Rodge Priya	Nanosponges.	
3.	10	Bhenki Aniruddha L.	•	• 0	
4.	13	Arti kishor biyani			
5.	16	Choudhary Chirag G.			
6.	27	Bhakti Gunjal		Comparison of marketed	
7.	28	Archana Gupta	Prof. Choudhari	formulation	
8.	33	Kadam Hritik Balasaheb	Nilima		
9.	36	Gauri Ambadas Kamble			
10.	37	Shruti Avinash Kanade			
11.	39	Rutuja Sanjay kapse		Review on CNRT Therapy	
12.	44	Khan Khan naim	Prof. K. D. Lone		
13.	45	Arti koul			
14.		Malode Swapnil Sahebrao			
15.		Shubham Santosh Navale			
16.		Teesha Numeshwar Sahu	/	Face pack Formulation &	
17.	_	Aditi Nilesh Sarmalkar	Prof. Swati Kshirsagar	Comparative Study with Marketed formulation	
18.	. 69	Sumedh Dashrath	Ksiiii sagai	Tylar Rotou Tot Mulation	
19.	. 72	Dhanshree yadav			
20.	. 46	Ritika sanjayrao kshirsagar	,		
21	. 56	Rani mohan pardeshi	Prof. Minal Solanki	Survey on Cosmetic preparation	
22	60		Tion name sound	propulation	
23	62	Vaishnavi dattatraya			
24	1. 67	Sayali Balkrishna sonawane			
		Synthetic & analytical	Chemistry		
25	5. 3	Jadhav Prajakta Bapurao		Formulation & Evaluation	
20			Dr. Patil Rajendra	Cow Urine as Tonic	
	7. 3				
	8. 4		*		
		1 Avantika Ganesh Kate			
-		2 Kate Sanskruti Sitaram	Prof. Chavan	Evaluation of Sunscreen	
_		3 Abhijit khamgal	Manisha	activity in medicinal Plant	
		Ashwini Vilas Nimsakhare			
		Sonika Sampat Padale			
_		57 Sahil Pawar	-		

35.	58	Swapnil Raju Pawar		Review on Mucomycosis
36.		Bhaskar poul	Prof. Asawari	
37		Ishwari Parag Ranadive	Pachauri	
38	64	Ankita Santosh Sakhare		
39	65	Tejas Arun sakhare		
40	68	Tejas Suresh Tambe		Method Development by UV
41	70	Amisha Sandeep wadekar	Prof. Suvarna	Spectrophotometer
42	71	Sakshi Sanjeev Wakhare	Vanjari	
43	73	Surbhi Baburao Yelwande		
44	74	Vaishnavi Kundlik Zunjar		
	٠.	Pharmacology		
45	1	Laukik Santosh Ahire		Study of Prescribing pattern
46	2	Tejal Sunil Ahirrao	Dr. Trupti Despande	of Antibiotics
47	3	Vaishnavi Anil Awate		
48	4	Aditya bharat bagade		
49	8	Krishna Machindra		
50	15	Chikhale Parag Arun		Review on Neurodegenerative
51	18	Yash Sunil Darekar	Prof. Vrushali	disorders
52	19	Shruti Suresh Dhamale	Kakad	
53	20	Prathamesh Dattatraya		
		Diwane		
54	23	Dipak krishna gaikwad		
55	24	Om Gaikwad		Review on Artificial
56	26	Ghoirat rushikesh damu	Prof. Ghadage	Intelligence in Pharmacovigilance
57	29	Samarth Mhalsakant Ingale	Priyanka	I hai macovignance
58	34	Anushka kale	4	
59	38	Prathamesh Sudarshan		
60	47	Pragati Ananta Mahale		Review on Homeopathic
61	49	Abhishek mane	Prof. Bharti Gawai	mouth tincture & Comparison
62	50	Avishka Santosh Mohite		to allopathic Drugs.
63	51	Alisha Sadique Mulla		
64	53	Najma Noormohammad	7	
		Shaikh		
-		Pharmcognos	y	
65	5	Sarthak N bangar		Development & Evaluation of
66	7	Bhagat Arpita Milind	Prof. Aarti Supekar	Herbal formulation for
67	11	Trupti Vinayak Bhosale		treatment of anaemia
68	12	Ravi Girdharilal Bihone		
69	14	Gouri Bajarang Chavan	,	
70	17	Pradeep Choudhary		Exploration of natural
71	21	Anjali Ramdas Folane	Dr. Chaudhari	excipients
72		Vaishnavi Shankar Funde	Rohini	
73				· ·
/.3	1 20			

Project Incharge

Exam Incharge

### CERTIFICATES OF PROJECTS OF FINAL YEAR B.PHARM STUDENTS



This is to certify that the project work entitled, "PCOS Perspectives: Exploring Journey & Solutions" being submitted by Mr. Parag Chikhale, Mr. Yash Darekar, Ms. Shruti Dhamale, Mr.Prathamesh Diwane, Mr. Dipak Gaikwad partial fulfillment of the requirement for the degree of "BACHELORS OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Prof. Vrushali Kakad (M.pharm) at Rajarshi Shahu College ofPharmacy & Research, Tathawade, Pune-33.

Date:-

Place:- Tathawade, Pune



Principal
Dr. K.R. KHANDELWAL
(M.Pharm, Ph.D)
PRINCIPAL

Rajarshi Shahu College of Pharmacy & Research Tathawade, Pune - 411 033.

2

#### <u>CERTIFICATE</u>



This is to certify that the project work entitled, "Review paper on Medications in Hypertension" being submitted by Ms. Najma Shaikh, Mr. Abhishek Mane, Ms. Avishka Mohite, Ms. Alisha Mulla and Ms. Pragati Mahale in partial fulfillment of the requirement for the degree of "BACHELOR OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Prof. Bharati Gawai [Pharmacology Department] at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Date:-

Place:- Tathawade, Pune



Principal Dr. K.R. KHANDELWAL

(M.Pharm, Ph.D) RSCOP&R, Tathawade, Pune-33



This is to certify that the project work entitled, "Unraveling Antibiotics: Their Role in Medicine and Beyond" being submitted by Mr. Laukik Ahire, Ms. Tejal Ahirrao, Ms. Vaishnavi Awate, Mr. Aditya Bagade, Mr. Krishna Bhalekar in partial fulfilment of the requirement for the degree of "BACHELOR OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Dr. Trupti Deshpande [Pharmacology Department] at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Date:-

Place:- Tathawade, Pune



Principal

Dr. K.R. KHANDELWAL

(M. Pharm, Ph. D)

RSCOP&R, Tathawade, Pune

PRINCIPAL

Rajarshi Shahu College of Pharmacy & Research
Tathawade, Pune - 411 033.

.

### <u>CERTIFICATE</u>



This is to certify that the project work entitled, "Developing Iron-Rich Gummies as a Novel Approach for Anaemia Management" being submitted by Mr. Sarthak N. Bangar, Ms. Arpita M. Bhagat, Ms. Trupti V. Bhosale, Mr. Ravi G. Bihone, Ms. Gouri B. Chavan in partial fulfillment of the requirement for the degree of "BACHELOR OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Prof. Aarati R. Supekar (DEPARTMENT OF PHARMACOGNOSY) at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Place:- Tathawade, Pune

Date:-

Principal
Dr. K.R. KHANDELWAL

(M. Pharm, Ph.D.) RSCOPR, Tathawade, Pune-33





# JAYAWANT SHIKSHAN PRASARAK MANDAL'S RAJARSHI SHAHU COLLEGE OF PHARMACY AND RESEARCH, TATHAWADE, PUNE-33

#### **CERTIFICATE**

This is to certify that the project work entitled, "Formulation And Evaluation Of Cow Urine Tonic" being submitted by Ms. Prajakta B. Jadhav, Mr. Piyush R. Joshi, Mr. Prakash M. Kale, Mr. Yash S. Karpe, Ms. Avantika G. Kate in partial fulfillment of the requirement for the degree of "Bachelor of Pharmacy" of University of Pune, has been carried out under the guidance and supervision of Dr. Rajendra B. Patil, Associate Professor of Pharmaceutical Chemistry Department at JSPM'S Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune -33.

This dissertation is now ready for examination.

Place:- Tathawade, Pune

Date: - 30/04/2024

Tathawade Pune - 33.

Dr. K.R. Khandelwal

**Frincipal** 



This is to certify that the project work entitled "Formulation and Evaluation Of Hibiscus Facial Gel" being submitted by Ms. Bhakti Gunjal, Ms. Archana Gupta, Ms. Gauri Kamble, Ms. Shruti Kanade, Mr. Hritik Kadam in partial fulfilment of the requirement for the degree of "BACHELORS OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Prof. Nilima Chaudhari (M. Pharm) [Asst. Professor] at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Date:-

Place: - Tathawade, Pune.

College of

Principal

Dr. K. R. KHANDELWAL

(M. Pharm, Ph. D)

RSCOP&R, Tathawade, Pune-33.

PRINCIPAL



This is to certify that the project work entitled, "Mucormycosis Medication Review" being submitted by Ms. Ishwari Ranadive, Mr. Bhaskar Poul, Ms. Ankita Sakhare, Mr. Swapnil Pawar Mr. Tejas Sakhare partial fulfillment of the requirement for the degree of "BACHELOR OF PHARMACY" of University of Pune, has been carried out under the guidance and supervision of Prof. Asawari Pachauri Pharmaceutical Chemistry Department] at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Date: 30/04/2024

Place: Tathawade, Pune-33

Tathawade Pune - 33

Principal

Dr. K.R. KHANDELWAL

(M.Pharm, Ph.D)

RSCOP&R, Tathawade, Pune-33

PRINCIPAL

This is to certify that project work entitled as "Evaluation of Sunscreen Activity of extract of flowers of Spathodea campanulata" submitted in VIII semester final year B.Pharmacy is bonafied and genuine research work carried out by students under the guidance of Prof. Manisha Chavan, Assistant Professor, Department of Pharmaceutical Chemistry at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune 33.

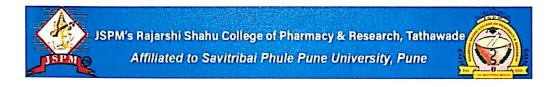
Date: 30/04/24

Place: Tathawade, Pune



Dr. K.R. Khandelwal
Principal

JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade,Pune -411033





This is to certify that the project work entitled, "Modified Derivative UV Spectroscopic Method Development And Validation on Pharmaceutical Bulk drug Gliclazide" being submitted by Mr. Tejas Tambe, Ms. Amisha Wadekar, Ms. Sakshi Wakhare, Ms. Surbhi Yelwande, Ms. Vaishnavi Zunjar, in partial fulfillment of the requirement for the degree of "Bachelor of Pharmacy" of University of Pune, has been carried out under the guidance and supervision of Prof. Suvarna Vanjari [Synthetic And Analytical Chemistry Department] at Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

Tathawade

Pune-33

Date: 27/04/24

Place:- Tathawade, Pune

Principal Dr. K.R.KHANDELWAL (M. Pharm, PhD) RSCOP&R, Tathawade, Pune-33

# PROJECT DETAILS OF FINAL YEAR M.PHARM STUDENTS

### M. Pharm. Sem IV Dissertation Titles 2023-24 Name of the College: J.S.P.M.'s Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33 BOS: Pharmaceutics

	BOS: Pharmaceutics				
Sr. No.	Name of the student	Торіс	Internal Guide		
1	GALDHAR AVINASH KANTA	FORMULATION AND EVALUATION OF ITRACONAZOLE LOADED NOVASOMES FOR TREATMENT OF TOPICAL CANDIDIASIS	Dr. Prof. (Mrs.) Ashlesha Pandit		
2	GANDHALE AJINKYA ADINATH	FORMULATION AND EVALUATION OF HYDROGEL OF OXIDIZED SODIUM ALGINATE FOR THE TREATMENT OF CELLULITIS	Dr. Ujjwala Kandekar		
3	HODSHIL RUTUJA GORAKHNATH	FORMULATION AND EVALUATION OF PROPOLIS NANOSPONGES LOADED TOPICAL GEL TO TREAT MICROBIAL INFECTION	Dr. Ujjwala Kandekar		
4	KAMBLE SANDESH MAROTI	SOLUBILITY ENHANCEMENT OF ALBENDAZOLE BY LIQUI-PELLET TECHNIQUE	Ms. Priya Rodge		
5	KARHALE POOJA SONAJI	FORMULATION AND EVALUATION OF SUSTAINED RELEASE TABLET OF NITROFURANTOIN	Ms. Nilima A Chaudhari		
6	KHAIRNAR ASHLESHA PUNJARAM	FORMULATION AND EVALUATION OF DAPSONE LOADED ASPASOMAL GEL FOR THE TREATMENT OF ACNE VULGARIS	Dr. Ujjwala Kandekar		
7	KHAN AFRIN JAKIR	FORMULATION AND EVALUATION OF HESPERIDIN LOADED NANOSPONGE GEL FOR TREATMENT OF IMPETIGO	Dr. Prof. (Mrs.) Ashlesha Pandit		
8	LOTAKE SHRIYASH SHEKHAR	FORMULATION AND EVALUATION OF MICONAZOLE NITRATE LOADED INVASOMAL GEL FOR THE TREATMENT OF FUNGAL INFECTION	Dr. Ujjwala Kandekar		
9	MALI ASMITA JAGANNATH	FORMULATION AND EVALUATION OF FACEWASH TABLET OF SALICYLIC ACID FOR THE TREATMENT OF ACNE	Dr. Ujjwala Kandekar		
10	MOHITE RUTUJA NARAYANRAO	FORMULATION AND EVALUATION OF MOMETASONE FUROATE MONOHYDRTAE NASAL SPRAY	Ms. Priya Rodge		
11	NAIGAONKAR MAYURI MADHUKAR	FORMULATION AND EVALUATION OF ANTIFUNGAL HERBAL GEL CONTAINING EXTRACT OF MURRAYA KOENIGII AND CATHARANTHUS ROSEUS LEAVES	Ms. Nilima A.Chaudhari		
	PAWAR ABHIJEET BABASO	FORMULATION AND EVALUATION OF DENTAL FILM CONTAINING SPRAY DRIED POMEGRANATE PEEL EXTRACT TO TREAT GINGIVITIS	Dr. Prof. (Mrs.) Ashlesha Pandit		
13	POKHARKAR RUTUJA SUBHASH	ENHANCEMENT OF TOPICAL DRUG DELIVERY OF GALLIC ACID THROUGH PRONIOSOMAL GEL	Ms. Nilima A.Chaudhari		
14	RASKAR SAYALI PRAKASH	FORMULATION AND EVALUATION OF QUERCETIN LOADED MICROSPONGES AS SUNSCREEN GEL-CREAM	Dr. Prof. (Mrs.) Ashlesha Pandit		
15	SHELAKE MAYANK NITIN	SOLUBILITY ENHANCEMENT OF CEFUROXIME AXETIL USING AMINO ACIDS	Dr. Ujjwala Kandekar		
16	TAYADE DNYANESH	FORMULATION AND EVALUATION OF HESPERIDIN LOADED NANO-SPANLASTICS FOR TREATMENT OF INFLAMMMATION	Dr. Prof. (Mrs.) Ashlesha Pandit		
17	THAKARE PRATIK HARIDAS	FORMULATION AND EVALUATION OF CLOTRIMAZOLE LOADED TOPICAL NIOSOMAL GEL FOR TREATMENT OF FUNGAL INFECTION	Dr. Prof. (Mrs.) Ashlesha Pandit		

18	MAHALE PRATIK UTTAM	FORMULATION AND EVALUATION OF RAFT FORMING CHEWABLE TABLET	Dr.Ujjwala Kandekar	
	M. Pharm. Sem IV Dissertation Titles 2023-24 Name of the College: J.S.P.M.'s Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33 BOS: Pharmaceutical Quality Assurance			
Sr. No.	Name of the student	Topic	Internal Guide	
	ALANGE DHANASHREE MALLINATH	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF MOXIFLOXACIN IN OPHTHALMIC DOSAGE FORM	Dr. Atul Sayare	
20	BOBDE KETAKI KISHOR	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF NITROFURANTOIN IN BULK AND TABLET DOSAGE FORM	Dr. Atul Sayare	
21	CHOUDHARI SRUSHTI PANDIT	FORMULATION DEVELOPMENT AND EVALUATION OF EXTENDED–RELEASE TABLET OF ANTICONVULSANT DRUG FOR THE TREATMENT OF EPILEPSY	Dr. Prashant Ghode	
22	DEORE SHWETA ASHOK	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF LOTEPREDNOL ETABONATE AND LEVOFLOXACIN IN OPHTHALMIC DOSAGE FORM	Dr. Atul Sayare	
23	DETH VARAD MEGHNATH	RP- HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF OFLOXACIN IN OPHTHALMIC DOSAGE FORM	Dr. Atul Sayare	
24	GUNJAL PRIYA SHIVAJI	DEVELOPMENT AND VALIDATION OF STABILITY INDICATING UPLC METHOD FOR ASSAY OF MELATONIN IN TABLET DOSAGE FORM.	Ms. Suvarna S. Vanjari	
25	HETE MRUDUL VINAY	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF BROMFENAC SODIUM IN OPHTHALMIC DOSAGE FORM	Dr. Atul Sayare	
26	JUMBAD PALLAVI NAYABRAO	FORMULATION DEVELOPMENT AND EVALUATION OF IMMEDIATE RELEASE TABLET OF ANTICOAGULANT DRUG	Ms. Manisha Chavan	
27	KAPSE RUTUJA NANDKISHOR	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF LINAGLIPTIN AND DAPAGLIFLOZIN PROPANEDIOL MONOHYDRATE IN TABLET DOSAGE FORM	Dr. Prashant Ghode	
28	KARAD AISHWARYA BABASAHEB	FORMULATION DEVELOPMENT AND EVALUATION OF IMMEDIATE RELEASE TABLET OF AN ANTIDIABETIC DRUG FOR THE TREATMENT OF DIABETES MELLITUS	Mrs. Asawari Pachauri	
29	KHANSOLE LAKSHMI GOPINATH	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF DEFERASIROX IN TABLET DOSAGE FORM	Dr. Atul Sayare	
30	LAKARE HARSHAL DILIP	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF FEXINIDAZOLE IN BULK AND ITS DOSAGE FORM	Dr.Rajendra Patil	
31	MANSINGE RUTUJA NAMDEV	FORMULATION DEVELOPMENT AND EVALUATION OF MODIFIED RELEASE CAPSULE OF NSAID DRUG FOR THE TREATMENT OF INFLAMMATION	Dr. Prashant Ghode	

32	PARKAR TAWHEED MANSOOR ALI	FORMULATION DEVELOPMENT AND EVALUATION OF IMMEDIATE RELEASE TABLET OF ANTICONVULSANT DRUG FOR THE TREATMENT OF EPILEPSY	Dr. Prashant Ghode
33	SALVE AKSHATA RAJU	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE SIMULTANEOUS ESTIMATION OF GENTAMICIN AND DEXAMETHASONE IN OPHTHALMIC DOSAGE FORM	Dr. Prashant Ghode
34	SHIPURKAR MEGHAN MANGALDAS	STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF ANTI-DIABETIC DRUG IN ITS DOSAGE FORM	Dr. Prashant Ghode
35	ZADKHANDE RITIKA BHAGWAN	HPLC METHOD DEVELOPMENT AND VALIDATION FOR DISSOLUTION STUDY OF PRAVASTATIN IN TABLET DOSAGE FORM	Dr.Rajendra Patil

# PROJECT CERTIFICATES OF FINAL YEAR M.PHARM PROJECT



This is to certify that the research work presented in the thesis entitled,

#### "FORMULATION AND EVALUATION OF ITRACONAZOLE LOADED NOVASOMES FOR TREATMENT OF TOPICAL CANDIDIASIS"

By,

#### Mr. Avinash Kanta Galdhar

For the partial fulfillment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of Dr. (Mrs.)Ashlesha P. Pandit, Professor, Department of Pharmaceutics.

Tathawade

The dissertation is now ready for examination

MAJON

Date:

Place:

Dr. K.R. Khandelwal

Rajarshi Shahu College of Pharmacy & Research

Tathawade, Pune - 411 033.



This is to certify that the research work presented in the thesis entitled,

### "FORMULATION AND EVALUATION OF HYDROGEL OF OXIDIZED SODIUM ALGINATE FOR THE TREATMENT OF CELLULITIS"

Ву,

#### Mr. Ajinkya Adinath Gandhale

For the partial fulfilment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of **Dr. Ujjwala Kandekar**, Associate Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

Principal

Date: 27-07-2024

Place: pune

Dr. K.R. Khandelwal





This is to certify that the research work presented in the thesis entitled,

#### "FORMULATION & EVALUATION OF PROPOLIS NANOSPONGES LOADED TOPICAL GEL TO TREAT MICROBIAL INFECTION"

Ву,

#### Miss. Rutuja Gorakhnath Hodshil

For the partial fulfilment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of **Dr. Ujjwala Kandekar** & **Mrs. Swati Kshirsagar** Professor, Department of Pharmaceutics.

Pune-33

The dissertation is now ready for examination

Date: 2917124

Place: pune

Principal

Dr. K.R. Khandelwal

PRINCIPAL



This is to certify that the research work presented in the thesis entitled, "SOLUBILITY ENHANCEMENT OF ALBENDAZOLE BY LIQUI-PELLET TECHNIQUE"

Ву

#### Mr.Sandesh M.Kamble

In partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutics) has been carried out in the Department of Pharmaceutics at JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathwade, Pune-411033, under my guidance and supervision. This dissertation is now ready for examination.

Place: Pune

Date: 29/07/24

Principal

Dr. K. R. Khandelwal JSPM's Rajarshi Shahu College, of Pharmacy & Research, Tathwade, Pune-411033



This is to certify that the research work presented in the thesis entitled,

### "FORMULATION AND EVALUATION OF SUSTAINED RELEASE TABLET OF NITROFURANTOIN"

Ву,

#### Miss. Pooja Sonaji Karhale

For the partial fulfilment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of Mrs. Nilima Chaudhari & Ms. Minal Solanki Assistant Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

Place: Pun-e

Date: 29 107 12024

1/8/2M

Tathawade Pune-33.

Dr. K.R. Khandelwal

Principal



This is to certify that the research work presented in the thesis entitled.

### "FORMULATION AND EVALUATION OF DAPSONE LOADED ASPASOMAL GEL FOR THE TREATMENT OF ACNE VULGARIS"

In the partial fulfilment of the work done for the award of degree of

#### Master of Pharmacy

(Pharmaceutics)

Has been carried out by Miss. Ashlesha punjaram khairnar in the laboratories of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune -33, under the guidance of Dr. Ujjwala Y. Kandekar.

Place: Pune

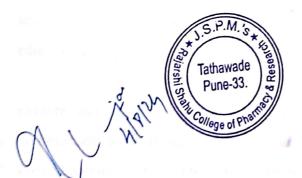
Date: 29/07/2024

Principal

Dr. K. R. Khandelwal

JSPM's Rajarshi Shahu Collegeof Pharmacy & Research,

Tathawade, Pune - 411033.





This is to certify that the research work presented in this thesis entitled:

#### "FORMULATION AND EVALUATION OF HESPERIDIN LOADED NANOSPONGE GEL FOR TREATMENT OF IMPETIGO"

By Miss. Afrin Jakir Khan

In the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutics) has been carried out in the Department of Pharmaceutics at JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune, under Dr. Mrs. Ashlesha P. Pandit guidance and supervision. This dissertation is now ready for examination.

Place: Pune

Date: 29/07/2024

Pune-33

Principal

Dr. K. R. Khandelwal

SPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade,

Pune - 411033

Jan 112/27



This is to certify that the research work presented in the thesis entitled,

### FORMULATION AND EVALUATION OF MICONAZOLE NITRATE LOADED INVASOMAL GEL FOR TREATMENT OF FUNGAL INFECTION

By

#### Mr. Shriyash Shekhar Lotake

For the partial fulfilment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of Dr. Ujjwala Kandekar, Associate Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

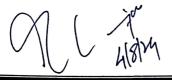
Date: 29/07/24

Place: Pune

Tathawade Pune-33.

Dr. K. R. Khandelwal

Principal





This is to certify that the research work presented in the thesis entitled,

# "FORMULATION AND EVALUATION OF FACEWASH TABLET OF SALICYLIC ACID FOR THE TREATMENT OF ACNE"

In the partial fulfilment of the work done for the award of degree of

### Master of Pharmacy (Pharmaceutics)

Has been carried out by Miss. Asmita Jagannath Mali in the laboratories of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune -33, under the guidance of Dr. Mrs. Ujjwala Y. Kandekar.

Place: - Pune

Date: 29-04-2024

Pune - 33.

Principal

Dr. K. R. Khandelwal



This is to certify that the research work presented in the thesis entitled,

### "FORMULATION AND EVALUATION OF MOMETASONE FUROATE MONOHYDRATE NASAL SPRAY"

Ву,

#### Miss. Rutuja N. Mohite

in the partial fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutics) is a bonafide and genuine research work carried out by Miss. Rutuja N. Mohite under guidance of Prof. Priya Rodge, Associate Professor, Department of Pharmaceutics, JSPM's Rajarshi Shahu College of Pharmacy and Research Tathawade, Pune. The dissertation is now ready for examination.

Date: 2917/2024

Place: pune

Son and

Tathawade Pune-33.

Principal

Dr. K.R. Khandelwal

PRINCIPAL, Rajarshi Shahu College of Pharmacy & Research Tathawade, Pune - 411 033.

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Formulation and evaluation of mometasone furoate monohydrate nasal spray





This is to certify that the research work presented thesis entitled.

#### "FORMULATION AND EVALUATION OF ANTIFUNGAL HERBAL GEL CONTAINING EXTRACT OF MURRAYA KOENIGII AND CATHARANTHUS ROSEUS LEAVES."

In the partial fulfillment of the work done for the award of degree of

### Master of Pharmacy (Pharmaceutics)

In the partly fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutics) has been carried out by MISS. NAIGAONKAR MAYURI MADHUKAR in the laboratories of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33 under the guidance of **Prof. Nilima Chaudhari**, Department of Pharmaceutics.

Dr.K.R. Khandelwal Principal,

இந்PM's Rajarshi Shahu College of Pharmacy

& Research, Tathawade, Pune-411033



This is to certify that the research work presented in the thesis entitled,

#### "FORMULATION AND EVALUATION OF DENTAL FILM CONTAINING SPRAY DRIED MICROPARTICLES OF POMEGRANATE PEEL EXTRACT TO TREAT GINGIVITIS"

In the partial fulfilment of the work done for the award of the degree of

### Master of Pharmacy (Pharmaceutics)

This has been carried out by **Mr. Abhijeet Babaso Pawar** in the laboratories of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune -33, under the guidance of **Dr. Mrs. Ashlesha P. Pandit.** 

Place: Pune

Date: 31/7124

13.7.1



Principal

Dr. K. R. Khandelwal



This is to certify that the research work presented in the thesis entitled,

## "ENHANCEMENT OF TOPICAL DRUG DELIVERY OF GALLIC ACID THROUGH PRONIOSOMAL GEL"

Ву,

#### Ms. Rutuja Subhash Pokharkar

For the partial fulfillment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of Ms. Nilima Chaudhari.

The dissertation is now ready for examination

Date: 29/7/24

Place: Pune

\$5,7°

Tathawade Pune-33.

Dr. K.R. Khandelwal



This is to certify that the research work presented in the thesis entitled,

### "FORMULATION AND EVALUATION OF QUERCETIN LOADED MICROSPONGES AS SUNSCREEN GEL-CREAM"

By,

#### Miss. Sayali Prakash Raskar

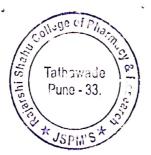
For the partial fulfillment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of **Dr.** (**Mrs.**) Ashlesha P. Pandit, Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

Date:

Place:

Sold Single



Principal

Dr. K.R. Khandelwal PRINCIPAL



This is to certify that the research work presented in the thesis entitled,

#### "SOLUBILITY ENHANCEMENT OF CEFUROXIME AXETIL **USING AMINO ACIDS"**

By Mr. Mayank Nitin Shelake in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutics) is a bonafide and genuine research work carried out by Mr. Mayank Nitin Shelake under guidance of Dr. Ujjwala Y. Kandekar, Associate Professor, Dept. of Pharmaceutics, JSPM's Rajarshi Shahu College of Pharmacy and Research Tathawade, Pune. The dissertation is now ready for examination.

Date: 29 10712024

Place: Pune

Tathawade Pune-33

Principal

Dr. K.R. Khandelwal

PRINCIPAL



This is to certify that the research work presented in the thesis entitled,

# "FORMULATION AND EVALUATION OF HESPERIDIN LOADED NANO-SPANLASTICS GEL FOR TREATMENT OF TOPICAL INFLAMMATION"

Ву,

#### Mr. Dnyanesh Maheshrao Tayade

For the partial fulfillment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of **Dr. (Mrs.) Ashlesha P. Pandit**, Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

Date: 29 (07 124

Place: Pune

Tathawade Pune-33. Pu

Principal

Dr. K.R. Khandelwal

PRINCIPAL



This is to certify that the research work presented in the thesis entitled,

"FORMULATION & EVALUATION OF CLOTRIMAZOLE LOADED TOPICAL NIOSOMAL GEL FOR TREATMENT OF FUNGAL INFECTION"

Ву,

#### Mr. Pratik Haridas Thakare

For the partial fulfilment of the Degree of Master of Pharmacy in Pharmaceutics has been carried out at JSPM's Rajarshi Shahu College of Pharmacy and Research, Tathawade, Pune-33, under the guidance of **Dr. Ashlesha P. Pandit** Professor & **Mrs. Madhavi Bindu** Assistant Professor, Department of Pharmaceutics.

The dissertation is now ready for examination

Date:29/07/2024

Place: Pune

Tathawade Pune-33.

Principal

Dr. K.R. Khandelwal PRINCIPAL Rajarshi Shahu College of Pharmacy & Research Tathawade, Pune - 411 033.



#### Certificate

This is to certify that investigations described in this dissertation entitled "RP-HPLC Method Development and Validation for the Estimation of Moxifloxacin Hydrochloride in Ophthalmic Dosage Form" in the partial fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Dhanashree Mallinath Alange under the guidance and supervision of Dr. Atul S. Sayare, Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune -33.

This dissertation is now ready for examination.

Date: 28/7/2024

Place: Pyne

Dr. K. R. Khandelwal

(Principal)



This is to certify that investigations described in this dissertation entitled "STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF NITROFURANTOIN IN BULK AND TABLET DOSAGE FORM" in the partial fulfillment of the work done for the award of the degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Ketaki Kishor Bobde under the guidance and supervision of Mr. Ajit Mulik, Sr. Research Scientist, Glenmark Pharmaceuticals, Taloja, Navi Mumbai and Dr. Atul S. Sayare, Professor (Pharmaceutical Quality Assurance), JSPM's Rajarshi Shahu college of Pharmacy & Research, Pune in the laboratories of the analytical department of Glenmark Pharmaceuticals, Taloja, Navi Mumbai.

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This Dissertation is now ready for examination.

Date: 28/7/24

Dr. K. R. Khandelwal

Place: Purl



This is to certify that investigations described in this dissertation entitled "Formulation, Development and Evaluation of Extended- Released Tablet of Anti-Convulsant Drug for The Treatment of Epilepsy" in the partial fulfillment of the work done for the award of the degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafede and genuine research work carried out by Ms. Srushti Pandit Choudhari under the guidance and supervision of Mr. Jayant Tayade (Industry guide) and Dr. Prashant D. Ghode, Professor, Department of Pharmaceutical Quality in the laboratories of the UMEDICA Laboratories Pvt. Ltd., Navi Mumbai and in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 411033.

This Dissertation is now ready for examination.

Date:

Fathawade 28/08/2024

Place:

Tathawade

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation entitled "RP-HPLC Method Development and Validation for the Estimation of Loteprednol Etabonate and Levofloxacin in Ophthalmic Dosage Form" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Shweta Ashok Deore under the guidance and supervision of Dr. Atul S. Sayare, Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 33.

This Dissertation is now ready for examination.

Date: 28 | 07 | 2024

4 1

Place: Pathawade Pune

Dr. K. R. Khandelwal

(Principal)

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This is to certify that investigations described in this dissertation entitled "RP-HPLC Method Development and Validation for the Estimation of Ofloxacin in Eye Drop" in the partial fulfillment of the work done for the award of the degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Mr. Varad Meghnath Deth under the guidance and supervision of Dr. Atul Sayare, Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune - 411033.

This dissertation is now ready for examination.

Experient Capringian) Date: 28/07/24

Place: Pune

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation entitled "Development and Validation of Stability Indicating UPLC Method for the Assay of Melatonin in Tablet Dosage Form" in the partial fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafide and genuine research work carried out by Ms. Priya Shivaji Gunjal under the guidance and supervision of Mr. Govind Shinde (Head of Analytical Department), in the laboratories of the Glenmark Pharmaceutical Taloja, Navi Mumbai and Prof.(Dr.) Suvarna S.Vanjari in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune – 33.

This Dissertation is now ready for examination.

Date: 28/07/2024

Place: Pune

Dr. K. R. Khandelwal
(Principal)



This is to certify that investigations described in this dissertation entitled "RP-HPLC METHOD DEVLOPMENT AND VALIDATION FOR THE ESTIMATION OF BROMFENAC SODIUM IN OPTHALMIC DOSAGE FORM" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafide and genuine research work carried out by Ms. Mrudul Vinay Hete under the guidance and supervision of Dr. Atul S. Sayare, Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 33.

This Dissertation is now ready for examination.

Date: 28/07/2024

Place: Tathawade, Pune

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation entitled "FORMULATION, DEVELOPMENT AND EVALUATION OF IMMEDIATE—RELEASE TABLET OF ANTI COAGULANT DRUG" in the partial fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafide and genuine research work carried out by Ms.Pallavi Nayabrao Jumbad under the guidance and supervision of Mr.Jayant Tayde Maneger ,and Ms. Manisha chavan Assistant Professor Pharmaceutical Chemistry department, in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 33.

This Dissertation is now ready for examination.

Place: Tathawade, Pune

Date: 28/07/2024

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation work entitled "RP-HPLC Method Development and Validation for the Simultaneous Estimation of Linagliptin and Dapagliflozin Propanediol Monohydrate in Tablet Dosage Form" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Rutuja Kapse under the guidance and supervision of Dr. Prashant D. Ghode, Associate Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune-33.

This Dissertation is now ready for examination.

Place: Pune

Date: 29/07/2024

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation entitled "Formulation, development and evaluation of Immediate-release tablet of an Antidiabetic drug for the treatment of Diabetes mellitus." in the partial fulfillment of the work done for the award of the degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafede and genuine research work carried out by Ms. Aishwarya Babasaheb Karad under the guidance and supervision of Prof. Asawari Pachauri in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 411033.

This Dissertation is now ready for examination.

Date:

Place:



Dr. K. R. Khandelwal

(Principal)

PRINCIPAL
Rajarshi Shahu College of Pharmacy & Research
Tathawade, Pune - 411 033.



This is to certify that investigations described in this dissertation work entitled "STABILITY INDICATING RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE ESTIMATION OF DEFERASIROX IN TABLET DOSAGE FORM" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Lakshmi G. Khansole under the guidance and supervision of Mr. Rahul Kapse, Sr. Research Scientist, Glenmark Pharmaceuticals, Taloja, Navi Mumbai and Dr. Atul S. Sayare, Professor (Pharmaceutical Quality Assurance), JSPM'S Rajarshi Shahu College of Pharmacyand Research, Pune in the laboratories of the analytical department of Glenmark Pharmaceuticals, Taloja, Navi Mumbai.

This Dissertation is now ready for examination.

Place: Tathawade, Pune

Date: 28/7/2024

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation entitled "A new simple RP-HPLC Method Development and Validation for the Estimation of Fexinidazole in Bulk Form" in the partial fulfillment of the work done for the award of the degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Mr. Harshal Dilip Lakare under the guidance and supervision of Dr. Rajendra B. Patil, Associate Professor (Pharmaceutical Chemistry), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 411033.

This dissertation is now ready for examination.

Date: 26 | 07 | 24

Place: Jafnuede, Pyne.

Dr. K. R. Khandelwal (Principal)



This is to certify that investigations described in this dissertation entitled "Formulation, Development and Evaluation of Modified Release Capsule of NSAID DrugFor the Treatment of Inflammation" in the partial fulfillment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafide and genuine research work carried out by Miss. Rutuja N. Mansinge under the guidance and supervision of Mr. Rajesh S. Patel (Industrial Guide), in the Department of Formulation and Research Development Laboratory, Umedica Pvt. Ltd. Turbhe MIDC Navi-Mumbai and Dr. Prashant D. Ghode Associate Professor in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune — 33.

This Dissertation is now ready for examination.

Date: 30/07/2024

Place: Pune

Dr. K. R. Khandelwal
(Principal)



This is to certify that investigations described in this dissertation work entitled "Formulation, Development and Evaluation of Immediate Release Tablet of Anticonvulsant Drug For the Treatment of Epilepsy" in Capsule Dosage Form in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried outby Mr. Tawheed Mansoor Ali Parkar in the Department of Formulation and Development Laboratory, Umedica Pvt. Ltd. Turbhe MIDC Navi-Mumbai under the guidance of Mr. Jayant Tayade and Dr. Prashant D. Ghode Associate Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune - 33.

This Dissertation is now ready for examination.

Date: 29 07 2024

Place: Tothawade, Pune

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation work entitled "RP-HPLC Method Development and Validation for the Simultaneous Estimation of Gentamicin and Dexamethasone in Ophthalmic Dosage Form" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried out by Ms. Akshata Raju Salve in the Department of Analytical Research & Development Laboratory, Shree Icon Pharmaceutical Laboratories, Vijayawada; under the guidance of Dr. Prashant D. Ghode, Associate Professor (Pharmaceutical Quality Assurance), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune – 33.

This Dissertation is now ready for examination.

Place: Pune

Date: 29/07/2024

Dr. K. R. Khandelwal



This is to certify that investigations described in this dissertation work entitled "Stability indicating RP-HPLC development and validation for the estimation of antidiabetic drug in its dosage form" in injectable Dosage Form in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a bonafide and genuine research work carried outby Mr. Meghan M. Shipurkar in the Department of Analytical Development Laboratory, Alkem Pvt. Ltd. Navi-Mumbai and in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu College of Pharmacy & Research, Tathawade, Pune – 33. Under the guidance of Dr. Prashant D. Ghode Associate Professor (Pharmaceutical Quality Assurance) and Mr. Shokin Keni (Industry Guide).

This Dissertation is now ready for examination.

Date: 30/07/2024

Place: Tathawade, Pune

Dr. K. R. Khandelwal



"HPLC METHOD DEVELOPMENT AND VALIDATION FOR THE DISSOLUTION OF PRAVASTATIN IN TABLET DOSAGE FORM" in the partial fulfilment of the work done for the award of degree of Master of Pharmacy (Pharmaceutical Quality Assurance) is a Bonafide and genuine research work carried out by Ms. Ritika Bhagwan Zadkhande under the guidance and supervision of Mr. Shailesh R. Pingalkar, Principal Scientist, Glenmark Pharmaceuticals Ltd. Taloja, Navi Mumbai and Dr. Rajendra B. Patil, Associate Professor (Pharmaceutical Chemistry), in the laboratories of the Department of Pharmaceutical Quality Assurance of JSPM's Rajarshi Shahu college of Pharmacy & Research, Tathawade, Pune - 33.

This Dissertation is now ready for examination.

Place: Tathawade, Pune

Date: 26/7/24

Dr. K. R. Khandelwal