

NAAC CRITERIA 01: Curricular Aspects

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

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**MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon- 422 003,
Dist: Nashik (M.S.), India.**

M. Pharm Research Project 2023-24 List

Department: - Pharmaceutics

Roll No.	Name of the student	Title of the Dissertation	Name of the Guide
1	Vaishnavi C. Shingare	Development and Evaluation of Topical Ethosomal Formulation of Alpha Arbutin	Dr. M. P. Patil
2	Ankita Rameshwar Yadav	Development and evaluation of solid self emulsifying drug delivery system of cilostazol using spray drying technique	Dr. M. P. Patil
3	Bhaves Dandgavhal	"Formulation and Invitro - Invivo Characterization of Hepatoprotective Nanoparticles"	Dr.Smita P. Kakad
4	Shrenik Tated	Development and characterization of tin oxide nanoparticles and testing its anti microbial activity	Dr.Smita P. Kakad
5	Tejas Rajesh Kayastha	Development and Evaluation of topical Niosomal formulation of Luliconazole	Dr. M. P. Patil
6	Jaybhawe Madhuri Bhagwan	Formulation Development and Evaluation of Biodegradable Sanitary Napkin by using Caesalpinia pulcherrima galactomannan as a Natural Polymer	Dr Thombre Nilima A.
7	Mundkar Tirupati Kishanrao	Formulation and Optimization of Process Parameters in Fluid Bed Technology For Extended-Release Potassium Chloride Pellets	Dr Thombre Nilima A.
8	Mahevish Shaikh	Enhancement of solubility and dissolution of Dolutegravir Sodium by cocrystal approach	Dr. M. P. Patil
9	Navale Shivam Kisanrao	Formulation, Optimization and Evaluation of Sertraline Hydrochloride	Dr. D. S. Bhambere
10	Amrutkar Samiksha Sanjay	Development and Assessment of Loratadine Fast-Disintegrating Tablets via β -Cyclodextrin Complexation with Superdisintegrants"	Dr. D. S. Bhambere
11	Saloni Daulat Hirudkar,	Formulation Development and Evaluation of Herbal Hair Mask for the Treatment of Grey Hair'	Dr. Sapana P. Ahirrao.
12	Pooja ghule	Formulation & Evaluation of mucoadhesive tablet containing econazole	Dr. Sapana P. Ahirrao.
13	Prasad Rayte	Formulation and development of an integrated solid oral dosage form for smoking cessation therapy	Dr. SJ Kshirsagar
14	Chetan Dhaktode	Formulation development and evaluation of herbal face pack and herbal oral dosage form for Facial Melanosis	Dr. SJ Kshirsagar
15	Sanket Pawar	Formulation and evaluation of SR tablet of Benzbromarone	Dr. SJ Kshirsagar

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M. Pharm Research Project 2023-24 List

Department: - Pharmaceutical Quality Assurance

Roll No.	Name of the student	Title of the Dissertation	Name of the Guide
1	Mayuri Pawar	Accelerated stability studies of ritonavir nanosuspension with method development and validation by HPLC	Dr.Smita P. Kakad
2	Anushri Sonar	Accelerated stability studies of emtricitabine in situ gel formulation with method development and validation by HPLC	Dr.Smita P. Kakad
3	Ms.Anuja Page	Development and evaluation of nano technology-based formulation of fertilizer containing macro and micro elements.	Dr.Gitanjali S. Deokar
4	Ms. DHARANI POOJARY	Development and Evaluation of Formulation for Bacterial Blight Disease of Pomegranate (Punica granatum)	Dr.Gitanjali S Deokar
5	Mr. Bhagwant Khedkar	Isolation and Evaluation of Bioactive Peptide from Ragi Seeds (Eleusine Coracana)	Dr.Gitanjali S Deokar
6	Mr Ashutosh Rajput	Herbal Template Assited Synthesis of Zinc oxide nano particles As antibacterial agent	Dr Santosh Chhajed
7	Deepika Kurne	Development and Validation of HPLC method for Estimation of Apremilast in Spiked Human Plasma by HPLC	Dr. S. S. Sonawane
8	Harshal Bachhav	Development and Validation of Stability Indicating HPLC method for Estimation of Lobeglitazone Sulfate in Bulk and Tablets	Dr. S. S. Sonawane
9	Shivshankar Badhe	Bioanalytical Method Development and Validation for Estimation of Indapamide in Spiked Human Plasma by HPLC	Dr. S. S. Sonawane
10	Barwal Pawan Gokul	Formulation development and Evaluation of Curcumin Loaded into the Caesalpinia pulcherrima galactomannan	Dr Thombre Nilima A.
11	Ganesh Shirsath	Development and Validation of Stability Indicating HPLC method for Estimation of Valsartan in Bulk and Tablets	Dr. S. S. Sonawane
12	Malode Akshada	“To Formulate And Evaluate Film Forming Herbal Spray For The Treatment Of Arthritis”	Dr. S. N.Surse
13	Jadhav Sarthak	Formulation Development and Evaluation of Polyherbal Film Forming Spray for the Treatment of Inflammation	Dr. S. N.Surse
14	Pravin Pawara	Formulation development and evaluation of probiotics loaded formulation for mouth ulcer	Dr. SJ Kshirsagar
15	Aishwarya Lad	Formulation development and evaluation of pre-workout gummies	Dr. SJ Kshirsagar

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M. Pharm Research Project 2023-24 List

Department: - Pharmaceutical Regulatory Affairs

Roll No.	Name of the student	Title of the Dissertation
1	Rajan Mali	Regulatory pathways for the drug approval in the US and Europe: Comparative analysis with an overview of medical devices.
2	Ms.Shreya Shinde	Stability Evaluation and Data Interpretation of Branded and Generic Dosage Form
3	Ms.Pallavi Pagar	Bioequivalence Profiling and Data Interpretation of Approved Dosage Form With Marketed Generic Dosage Form
4	Sujit Pachorkar	Development of generic tablet formulation and dossier preparation for US submission
5	Kale Ankita Sunil	Market Authorization Process for Aerosol Pumps as a medical device in Various emerging market
6	Shruti Madavi	TO STUDY FDA AND EU REGULATIONS ON IN-VITRO DIAGNOSTICS AND PREPARATION OF CHECKLIST ON IVOR
7	Krushanali Pawar	Comparative analysis of combination product regulation in the USA EU
8	Saniya Bhalerao	The regulatory landscape for drug device combination products across India, USA, Argentina and Germany

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M. Pharm Research Project 2023-24 List

Department: - Pharmaceutical Chemistry

Roll No.	Name of the student	Title of the Dissertation
1	Pooja Yelmamae	Synthesis and Characterization of N-Containing Heterocyclic Agent as an Antifungal Agent
2	Miss Mayuri Jadhav	To synthesize and Characterize Thiophene analogue as anticancer agent
3	Ghatkar Rituja Prakash	Analytical Quality by Design technique for optimization and validation of Dolutegravir and Rilpivirine using RP-HPLC
4	DUMBARE PRAJAKTA RAGHUNATH	Synthesis and Pharmacological evaluation of some substituted Quinazolinone derivatives for anticonvulsant activity
5	DESHMUKH SAGAR SANDIP	Design, Synthesis and Biological evaluation of few 4-thiazolidinone derivatives.
6	BADGUJAR SHREYAS PRAKASH	Design and Synthesis of some Gallic acid derivatives and their Biological evaluation.

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Dist: Nashik (M.S.), India.

M. Pharm Research Project 2023-24 List

Department: - Pharmacology

Roll No.	Name of the student	Title of the Dissertation	Name of the Guide
1	Sumit P. Dange	Effect of Nanoparticulate System of Naringenin on Immunomodulation Activity Using Experimental Animals	Dr. Neelam Amol Morankar
2	Vidya V. Ekhande	DEVELOPMENT AND EVALUATION OF DAIDZEIN NANOPARTICLES AGAINST SCOPOLAMINE INDUCED ALZHEIMERS DISEASE	Dr. Neelam Amol Morankar
3	Ms.kalyani Sunil Nikam	Effect of nanoparticulate system of Diosmin against Rotenone induced Parkinson's Disease in rats	Dr. Neelam Amol Morankar
4	Sakshi Somani	Evaluation of safety, efficacy and immunogenicity of biosimilar of tocilizumab in Antimetabolite Resistant Rheumatoid Arthritis patients	Dr Pavan Udavant
5	Mayuri Salve	Assessment of Hepatoprotective potential of a Sinapic acid on animal model of alcohol induced hepatotoxicity	Dr Pavan Udavant
6	Prasad Nikam	Assessment of hepatoprotective potential of Troxerutin on animal model of Isoniazid and Rifampicin induced hepatotoxicity	Dr Pavan Udavant

**MET's Institute of Pharmacy,
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Dist: Nashik (M.S.), India.**

Ph D Research Project 2023-24 List

Roll No.	Name of the student	Name of Department	Title of the Dissertation	Name of the Guide
	Awarded			
1	Ms. Lalita Shashikant Nemade	Pharmaceutics	Design and development of nanosuspension of poorly soluble drug	Dr. M. P. Patil
2	Dr. Eknath D. Ahire	Pharmaceutics	Investigation of excipients for their efflux	Dr. Sanjay J. Kshirsagar
3	Kavita R. Chandramore	Pharmaceutical	Development and Validation of Stability Indicating Methods for Few Drugs	Dr. Sandeep S. Sonawane
4	Rakesh Uttamrao Shelke	Pharmaceutical	Analytical Method Development and Validation of Few Drugs in Plasma	Dr. Dinesh Dattatraya Rishipathak
	Admitted			
5	Divya Goraksha Thite	Pharmacology	EXPLORATION OF POTENTIAL THERAPEUTIC EFFECT OF NANO-BASED FORMULATION OF PHYTOCONSTITUENT (S) FOR ALZHEIMERS DISEASE IN	Dr. Neelam L. Dashputre
6	Priyanka Pandurang Thore	Pharmaceutics	Design and development of antiretroviral formulation to erradiacte HIV resorviors	Dr. Smita Prakash Kakad
7	Kuskar Sharmila Dasa	Pharmaceutics	Design and development of microarray patches for post-menopausal women	Dr Ahirrao S P
8	Netane Sampada Subhash	Pharmaceutics	Design and development of miconazole nitrate vaginal mucoadhesive tablet for vulvovaginal candidiasis	Dr Ahirrao S P
9	Mitali Dalvi	Pharmacology	EVALUATION OF NEUROPROTECTIVE EFFECT OF SOME PHYTOCONSTITUENTS IN ANIMAL MODELS OF ALZHEIMER'S DISEASE	Dr. Pavan B. Udavant
10	Suvarna Khairnar	Pharmacology	Systematic investigation of protective effect of some phytoconstituents in experimental models of hepatotoxicity'	Dr. Pavan B. Udavant

OC

MET/IOP/ 2023-24/42

Date: 26/08/2023

To
 Deputy Registrar,
 PG Admission,
 Savitribai Phule Pune University,
 Pune

Subject: Submission of Research Proposal for Ph.D. in Pharmaceutics and Pharmacology of
 MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik.

College Puncode: CPHN018080

Ref.: PGS/2956, Dated: 03/07/2023

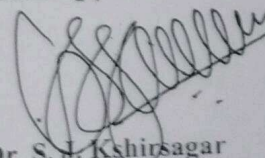
Respected Sir,

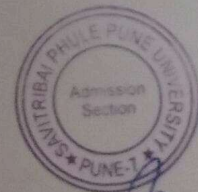
With reference to the subject cited above, presentations on research proposal of Ph.D. candidate were conducted on 26/08/2023 at MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik as per the norms laid by Savitribai Phule Pune University. We are submitting herewith the documents mentioned in enclosures.

Details of the Student:

Sr. No.	Application ID	Name of the Students	Subject	Name of the Guide
01	22030004625	Sharmila Deepak Kuskar	Pharmaceutics	Dr. S. P. Ahirrao
02	22030051306	Sampada Subhash Netane	Pharmaceutics	Dr. S. P. Ahirrao
03	22030048576	Priyanka Pandurang Thore	Pharmaceutics	Dr. S. P. Kakad
04	22030026382	Suvarna Sanjay Khairnar	Pharmacology	Dr. P. B. Udavant
05	22030011690	Mitali Vijay Dalvi	Pharmacology	Dr. P. B. Udavant
06	22030025710	Divya Goraksha Thite	Pharmacology	Dr. N. L. Dashputre

Kindly do the needful and oblige.
 Thanking you.


 Dr. S. J. Kshirsagar
 PRINCIPAL
 MET's Institute of Pharmacy
 Adgaon, Nashik-3.



29/8/2023

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MET's Institute of Pharmacy

Bhujbal Knowledge City, Adgaon- 422 003,

B. Pharm Final Year Project 2023-24 List

Sr . No.	Name of the student	Name of Guide	Title of the Project	Department
1	Kothawade Madhuri Ashok	Dr.Deepak Bhambere	A comparative cross sectional descriptive market survey of various brands of pantoprazole	Pharmaceutics
2	Lade Harshali Dadaji			
3	Shirsath Pooja Uttam			
4	Malle Rakhi Ashok			
5	Pardeshi Nisha Manoj			
6	Bedse Sushant Yuvraj	Mrs.Devyani Chavan	Polyherbal premix: Antiuro lithic activity	Pharmacognosy
7	Chaudhari Tejas Pramod			
8	Dalvi Prathamesh Sharad			
9	Mali Himanshu Sadashiv			
10	Bhadgale Srushti Sanjayrao	Mrs.Priya Gadakh	Formulation and Evaluation of Herbal Hair Mask	Pharmacognosy
11	Bhoi Jagruti Ashok			
12	Devare Gauri Pinkesh			
13	Godse Sanika Sunil			
14	Khule Akshada Prashant	Mr. Ganesh Shinde	Formulation and Evaluation of Herbal Antifungal Cream	Pharmaceutics
15	Mate Kanchan Haribhau			
16	More Prajakta Ganesh			
17	More Sakshi Kitan			
18	Salunke Saurbh Sunil	Ms.Pratiksha Sonwane	formulation and evaluation of antibacterial deodorant powder	pharmaceutics
19	Pingale Pratiksha Balasaheb			
20	Patil Aditi Prashant			
21	Mahale Kaushal Somnath			
22	Patil Vaishnavi Nilesh			
23	Chavan Atharva Subhash	Dr. S. P. Ahirrao	Leave-On Herbal Hair Conditioner	Pharmaceutics
24	Parik Prathumesh Yogesh			
25	Patil Dhiraj Jitendra			
26	Wagh Atharva Ravindrasingh			
27	Nere Tejaswini Sunil	Mr. Rohan Ahire	Formulation and evaluation of herbal face serum	pharmaceutics
28	Patil Ovi Pravinkumar			
29	Thattekar Srushti Vijaynand			
30	Shinde Vaishnavi Dhananjay			
31	Shirole Sayalilayprakash			
32	Ashte Amrata Mahadev	Mr.Abhish Jadhav	Formulation and evaluation of Herbal Hair Growth Oil,serum and cream.	Pharmaceutics.
33	Dalavi Kamini Hiramam			
34	Indave Mayuri Milind			
35	Sayyed Laiba Jalil			
36	Pradhan Pratik Deelip	Mr.Shantanu Ghodke	Pharma AI nexus: A Comprehensive Platform for Pharmacy Software and AI Tools Integration	Pharmaceutics
37	Gawai Srushti Arun			
38	Sanap Sakshi Sanjay			
39	Lasure Vedashree Mangesh			
40	Nirbhavane Roshan Balu	Mrs. Sarika V. Patil	Formulation and Evaluation of Spirulina Infused Gummies	Pharmaceutics.
41	sathe Dammpal Annasaheb			
42	Yeola Vedant Rajesh			
43	Sonawani Rajas Rahul	Mrs. Vaidehi Gaidhani	Artificial Intelligence in Regulatory Affairs	Regulatory Affairs
44	Vadakkedath Sneha Sathian			
45	DereRushikesh Bapurao			
46	Khatane Priyanka Yamaji			
47	Chokhande Swati Ganpat	Dr. Eknath D. Ahire	Comparative study of various brand and generic tablet	Pharmaceutics
48	Pawara Pooja Keshav			
49	Sakharkar Mayuri Prakashrao			
50	Shaikh MohammadNoor Sajid			
51	Shaikh Siftain Shabbir			
52	Barhate Kajal Ganesh	Ms. Smita Kothmire	Formulation of Ayurvedic Tea to Overcome Hormonal Imbalance	Pharmacognosy
53	Jadhav Diganti Madhav			
54	Kasliwal Anurag Santosh			
55	Shaikh Faizan Naushad			
56	Khetmalas Vaishnavi Dattatraya-			
57	Beigh Danish Ashraf	Ms. Vaishnavi Kulkarni	Development and Evaluation of Herbal formulation for diabetic wound healing	Pharmacology
58	Jadhav Pratiksha Tukaram			
59	Pagar Neha Sahebrao			
60	Shaikh Muskan Rauf			

61	Rathod Sakshi Prakash			
62	Patil Geetanjali Kashinath	Mr. Tathagat pagare	A radicals approach to treat fungal inspection using trasdernal spray	Pharmaceutics
63	Shaikh Afifa Khanam			
64	Thakare Nikita Sahebrao			
65	Yeola Sakshi Bharat			
66	Ugale Pranali Kailas			
67	Sonar Akshay Kantilal	Ms.Poonam Wajpayi	Comparative analysis of Sunflower oil and its Rancid (household) oil- lead cause of CVS disease and various risk to human brain	Pharmaceutics Analysis
68	Bhavsar Gitika Gajanan			
69	Shah RomilRatnapal			
70	Gadekar Rashmi Ravindra			
71	Patil Laxmi Vinod			
72	Banate Siddesh Mohan	Dr. Sunita Surse	Formulation Of Herbal Mouthwash	Pharmacognosy
73	Bhagwat Ankush Vilas			
74	Vanve Jivan Anil			
75	Nangare Om Bhagavan			
76	Vanve Abhishek Anil			
77	Ghumare Prasad Arun	Prof. shubham khairnar	Bonducella rasayana (sagargoti chyawanprash)	Pharmacognosy
78	Jane Sakshi Shivaji			
79	Handore Aditi Dinesh			
80	Khambayat Nitin Chintaman			
81	Rathod Nandini Suresh			
82	Kathe Ashwini Ravindra	Dr. Rahul Sable sir	Herbal lozenges for Mouth ulcer	Pharmacognosy
83	More Skashi jagannath			
84	Narole Niranjan Mukund			
85	Pachokar Priyanka Nitin			
86	Wakchoure Santosh Laxman			
87	Dongare Adity	Suchita Shirsath	Polyherbal hair gel formulation	Pharmacognosy
88	Kadam Smruti			
89	Shaikh Mustabshira			
90	Khairnar Nivedita Vijay			
91	Mirajkar Gaurav Mandar			
92	Pimpale Pushpalata	Prof. Pratap pawar	formulation and evaluation of polyherbal Anti-inflammatory cream	Pharmacognosy
93	Palvi Sunil Popat			
94	Gavit Manish Gonu			
95	Shinde Akshda Vinod			
96	Bedade Sakshi Mahendra	Mrs. Suvarna Bhalerao	Formulation of Topical Emulgel	Pharmaceutics
97	Bhalerao Sakshi Arun			
98	Gholap Rutuja Ganesh			
99	Gosavi Kajol Sanjay			
100	Gite Sanskruti Santosh	S.D Sonkamble	Development of multipurpose topical herbal gel	Pharmacognosy
101	Nikam Isha Yogesh			
102	Udgire Prashant Sanjay			
103	Gatade Anil Tanmay			
104	Kshatriya Kunal Gopal	Prof. shubham khairnar	Formulation and Evaluation Of Polyherbal Pain Relief Gel	Pharmaceutics
105	Ingle Rohit Bhaurao			
106	Kedare Yogesgh Ravindra			
107	Khairnar Kalpesh Deepak			
108	Deore Mayuri Yashwant	Mr. Rajendra Mogal	FORMULATION AND EVALUATION OF ANTI-ACNE HERBAL CLEANSER	Pharmaceutics
109	Watpade Gayatri Vasant			
110	Chakor Vaishnavi Eknath			
111	Aringale Payal Deepak			
112	Halde Apurva Rajesh			
113	Khushbu Singh	Mrs.Shradha Sangale	Herbal Soft lozenges: A promising Approach For managing Diabetes	Pharmacognosy
114	Sayzil Jasrotia			
116	Pawar Shruti Jagdish	Mr. Abhijit Deore	A Survey on Current trend in drug development of anticancer drugs	Pharmacology
120	Mrunal Karpe	DR. RANI KANKATE MAM	ANTIDIABETIC CHIPS	Pharmaceutics
121	Gayatri somwanshi			
122	Divya Sansare			
123	Dhanashre Pawar			
124	Payal Vishram Patil	Dr. Rakesh U. Shelke	"Revolutionizing Type 2 Diabetes Care: Scientific Journey of fiber rich cookies made from Green unripe jackfruit & Sorghum Flour "	Pharmaceutics
125	Tanishk Devidas Khairnar			
126	Anjali Dattatray Kshirsagar			
127	Saurabh Arun Gangurde			



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Evaluation of Topical Ethosomal Formulation of Alpha Arbutin”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, during the academic year 2023-2024 by **Ms. Vaishnavi Changdev Shingare**, under the guidance and supervision of **Dr. Moreshwar P. Patil**.

This dissertation is now ready for examination.

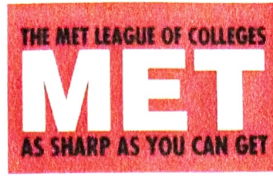
Place: **Nashik**

Date **20/6/24**

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Evaluation of Topical Ethosomal Formulation of Alpha Arbutin”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, during the academic year 2023-2024 by **Ms. Vaishnavi Changdev Shingare**, under my guidance and supervision.

This dissertation is now ready for examination.

Dr. Moreshwar P. Patil

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: **Nashik**

Date: **19/06/2024**

DECLARATION

I hereby declare that the dissertation entitled “**Development and Evaluation of Topical Ethosomal Formulation of Alpha Arbutin**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Moreshwar P. Patil**.

Place: **Nashik**


Ms. Vaishnavi Changdev Shingare

Date: **19/06/2024**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Evaluation of Solid Self Emulsifying Drug Delivery System of Cilostazol Using Spray Drying Technique”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Ankita Rameshwar Yadav**, under the guidance and supervision of **Dr. M. P. PATIL**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **21/6/24**

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Evaluation of Solid Self Emulsifying Drug Delivery System of Cilostazol Using Spray Drying Technique”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Ankita Rameshwar Yadav**, under my guidance and supervision. This dissertation is now ready for examination.

Dr. M. P. Patil

Guide

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: Nashik

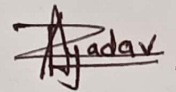
Date: 21/6/24

DECLARATION

I hereby declare that the dissertation entitled “**Development and Evaluation of Solid Self Emulsifying Drug Delivery System of Cilostazol Using Spray Drying Technique**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. M. P. Patil**.

Place: **Nashik**

Date: **21/06/2024**



Ms. Ankita Rameshwar Yadav



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Invitro - Invivo Characterization of Hepatoprotective Nanoparticles”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Bhavesh Ghansham Dandgavhal**, under the guidance and supervision of **Dr. Smita P. Kakad**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Invitro-Invivo Characterization of Hepatoprotective Nanoparticles”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Bhavesh Ghansham Dandgavhal** under my guidance and supervision.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 09/07/2024



Dr. Smita P. Kakad

Guide,

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled “**Formulation and Invitro-Invivo Characterization of Hepatoprotective Nanoparticles**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Smita P. Kakad**.

Place: **Nashik**



Bhavesh Ghansham Dandgavhal

Date: **09/07/2024**



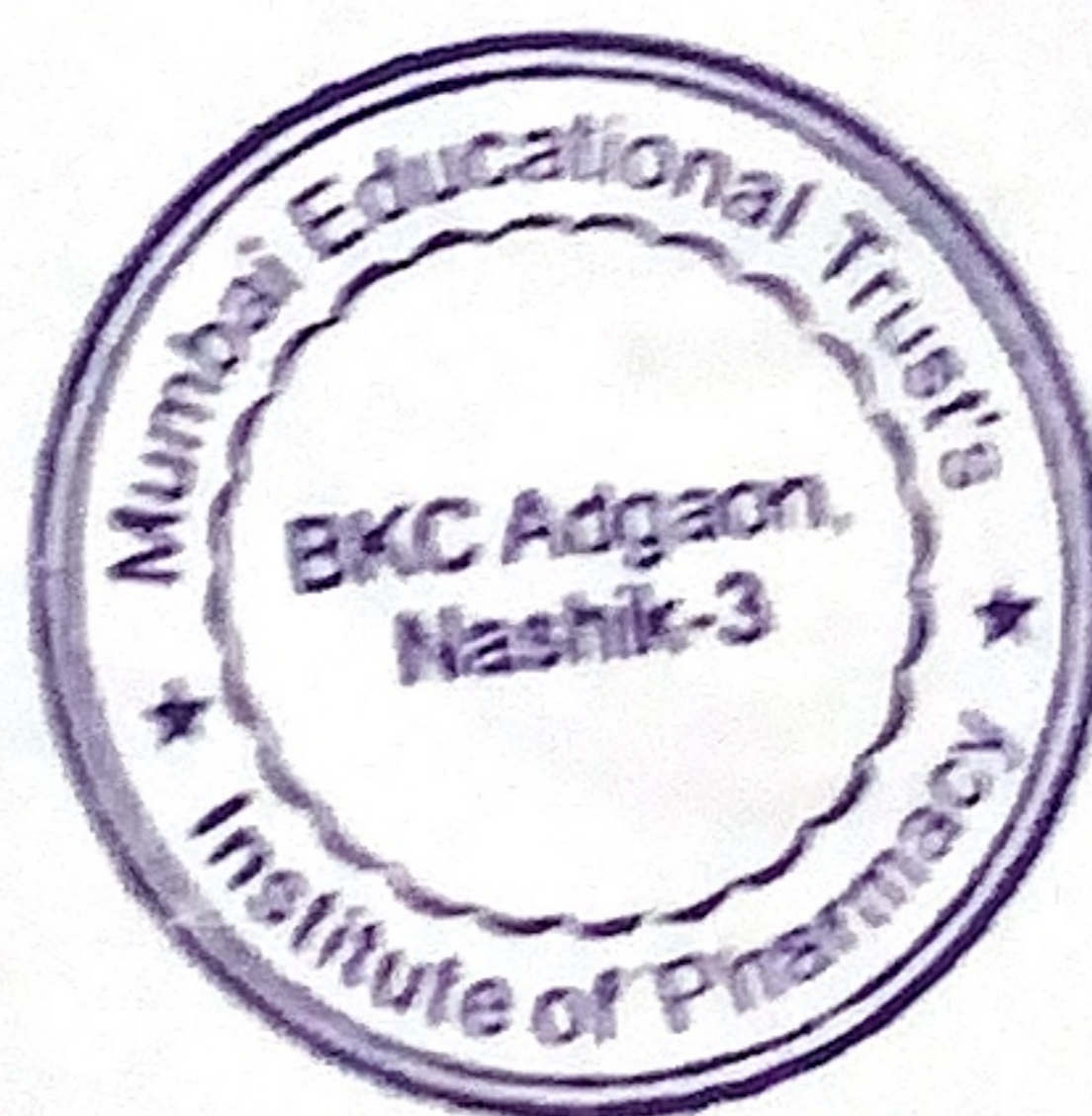
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Characterization of Tin Oxide Nanoparticles and Testing its Anti-Microbial Activity”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Shrenik Prashant Tated**, under the guidance and supervision of **Dr. SMITA P. KAKAD**.

This dissertation is now ready for examination.

Place: Nashik

Date 26/6/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

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Place: Nashik

Date: 24-06-2024



Dr. Smita P. Kakad

Guide

Assistant Professor

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled "**Development and Characterization of Tin Oxide Nanoparticles and Testing its Anti-Microbial Activity**" is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Smita P. Kakad**.



Place: Nashik

Date: 26/06/24

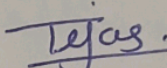
A handwritten signature in black ink, appearing to read "Shrenik Prashant Tated".

Mr. Shrenik Prashant Tated

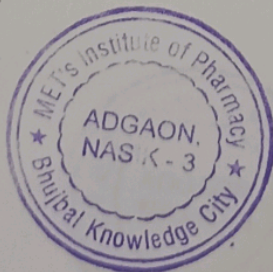
DECLARATION

I hereby declare that the dissertation entitled “**Development and Evaluation of topical Niosomal formulation of Luliconazole**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Moreshwar P.Patil.**

Place: Nashik


Tejas Rajesh Kayastha

Date: 15/07/2024





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Evaluation of topical Niosomal formulation of Luliconazole”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr/Ms/Mrs. Tejas Rajesh Kayastha, under my guidance and supervision.

This dissertation is now ready for examination.

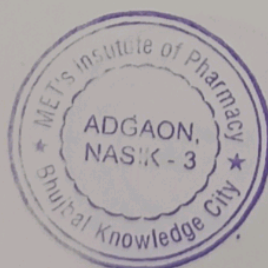
Place: **Nashik**

Dr. Moreshwar P.Patil

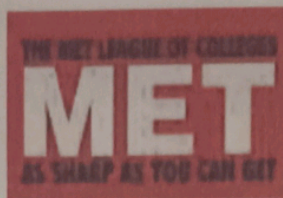
Date: **15/07/2024**

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



2022-2024



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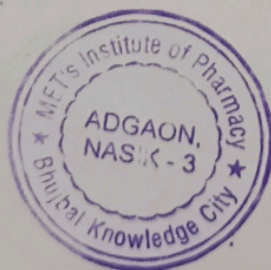
Place: Nashik

Date 15/07/2024

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development and Evaluation of Biodegradable Sanitary Napkin by using *Caesalpinia pulcherrima* galactomannan as a Natural Polymer”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Madhuri Bhagwan Jaybhawe**, under the guidance and supervision of **(Dr. Nilima A.Thombre)**This dissertation is now ready for examination.

Place: **Nashik**

Date: **21/6/2024**



Dr. S. J. Kshirsagar

Principal

**Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003**



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Place: **Nashik**

Date: **21/6/2024**



Name of the Guide

Dr. Nilima A. Thombre



DECLARATION

I hereby declare that the dissertation entitled “**Formulation Development and Evaluation of Biodegradable Sanitary Napkin by using *Caesalpinia pulcherrima* galactomannan as a Natural Polymer**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Nilima A. Thombre.**

Place: **Nashik**

Date: **21/6/2024**



Madhuri

Name of the student

Ms. Madhuri Bhagwan Jaybhawe

CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "**Formulation and Optimization of Process Parameters In Fluid Bed Technology For Extended Release Potassium Chloride Pellets**" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Tirupati Kishanrao Mundkar**, under the guidance and supervision of **Dr. Nilima A. Thombre** This dissertation is now ready for examination.

Place: **Nashik**

Date **09/07/2024**



A handwritten signature in black ink, appearing to read "Dr. S. J. Kshirsagar".

Dr. S. J. Kshirsagar
Principal
PRINCIPAL
Bhujbal Knowledge City
MET's Institute of Pharmacy
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

A handwritten signature in blue ink, appearing to read "Tirupati Kishanrao Mundkar", with the date "9/7/2024" written below it.



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "**Formulation and Optimization of Process Parameters In Fluid Bed Technology For Extended Release Potassium Chloride Pellets**" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Tirupati Kishanrao Mundkar** under my guidance and supervision **Dr. Nilima A. Thombre**.

This dissertation is now ready for examination.



Dr. Nilima A. Thombre

Guide,

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: **Nashik**

Date: **09/07/2024**



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Place: **Nashik**


Mr. Tirupati Kishanrao Mundkar

Date: 09/07/2024





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Enhancement of solubility and dissolution of Dolutegravir Sodium by cocrystal approach”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Mahevish Naeem Shaikh**, under the guidance and supervision of **Dr. Moreshwar P. Patil**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **30/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



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This dissertation is now ready for examination.

Place: **Nashik**

Date: **29/7/2024**



Dr. Moreshwar P. Patil.

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled “**Enhancement of solubility and dissolution of Dolutegravir Sodium by cocrystal approach**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Moreshwar P. Patil**.

Place: **Nashik**


Ms. Mahevish Naeem Shaikh

Date: **29/7/2024**

**“Formulation, Optimization & Evaluation of Fast Disintegrating Tablet of
Sertraline Hydrochloride”**

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In the Partial Fulfillment of Requirements for the Award of Degree of
MASTER OF PHARMACY**

IN

PHARMACEUTICS

In the Faculty of Science and Technology

BY

Mr. Shivam Kisanrao Navale

Guide

Dr. Deepak S. Bhambere



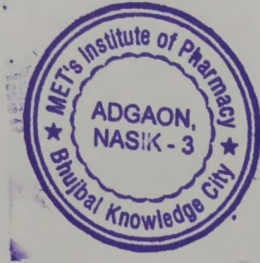
**BHUIBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY
ADGAON, NASHIK-422003
2022-2024**

CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "**Formulation, Optimization & Evaluation of Fast Disintegrating Tablet of Sertraline HCL**" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Shivam Kisanrao Navale**, under the guidance and supervision of **Dr. Deepak S. Bhambere** This dissertation is now ready for examination.

Place: Nashik

Date 27/6/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



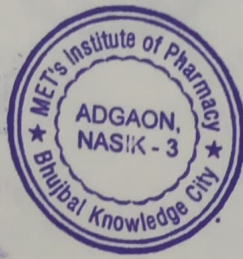
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **26/06/2024**

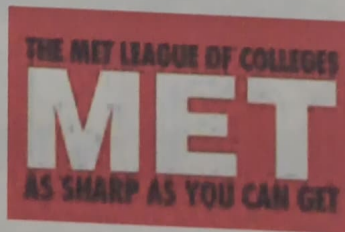


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Dr. Deepak S. Bhambere

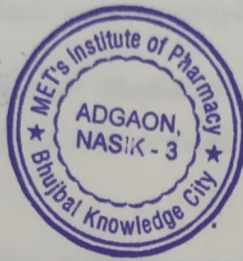
Guide,

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



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Place: Nashik

A handwritten signature in black ink, appearing to read "Shivam".

Mr. Shivam Kisanrao Navale

Date: 26/06/2024



Acknowledgments

I would like to thank all people who have helped and inspired me during my M. Pharm research study. It is a pleasure to convey my gratitude to them. All in my humble acknowledgment.

In first place, I want to give special thanks to my respected and esteemed guide, **Dr. Deepak S. Bhambere**, for his guidance during my research and study at Bhujbal Knowledge City METs Institute of Pharmacy. The current work would not have been possible without his expert guidance and scholarly supervision during the course of this investigation. In addition, He was always accessible and willing to help students with his research. They have instilled in me self-confidence and patience, which made me to accomplish the research problems successfully.

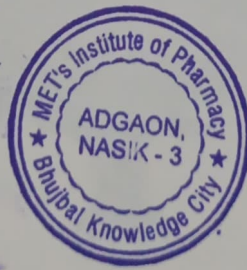
I am very much thankful to **Shri Samir Bhujbal**, Trustee, MET and **Smt Shefali Bhujbal**, Chief Administrator Bhujbal Knowledge City for providing infrastructure and all the necessary facilities for this research work.

I gratefully acknowledge **Dr. Sanjay J. Kshirsagar**, Principal, Bhujbal Knowledge City, METs Institute of Pharmacy. Many thanks go in particular to **Dr. Deepak S. Bhambere**, Department of Pharmaceutics.

I express my wholehearted gratitude and special thanks to my classmates for their help during my research work and for giving me such a pleasant time when working together with them

Place: Nashik

Date: 26/06/2024



Shivam

Shivam Kisanrao Navale

**“Development and Assessment of Loratadine Fast-Disintegrating Tablets
via β -Cyclodextrin Complexation with Superdisintegrants”**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

In the Partial Fulfillment of Requirements for the Award of Degree of

MASTER OF PHARMACY

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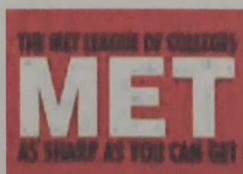
BY

Ms. Samiksha Sanjay Amrutkar

Guide

Dr. Deepak. S. Bhambere

BHUJBAL KNOWLEDGE CITY



MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422003

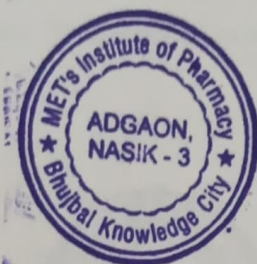
2022-2024

CERTIFICATE

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Place: Nashik

Date: 27/6/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

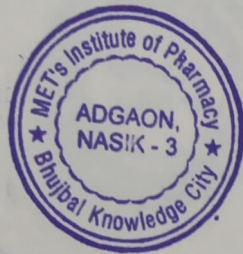


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Dr. Deepak S. Bhambere

Guide,

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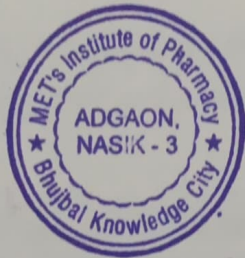


DECLARATION

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Place: Nashik

Date: 27/6/24



A handwritten signature in blue ink, appearing to read "Samiksha".

Ms. Samiksha Sanjay Amrutkar





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development and Evaluation of Herbal Hair Mask for the Treatment of Grey Hair”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss. Saloni Daulat Hirudkar**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/2024**


Dr. Sapana P. Ahirrao

Guide

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003



**“FORMULATION AND EVALUATION OF
MUCOADHESIVE TABLET CONTAINING
ECONAZOLE NITRATE FOR TREATMENT OF
VAGINAL CANDIDIASIS.”**

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In Partial Fulfillment of Requirements for the Award of
Degree of**

**MASTER OF PHARMACY
IN
PHARMACEUTICS**

In Faculty of Science and Technology

BY

MISS. POOJA KADUBAL GHULE

GUIDE

Dr. SAPANA P. AHIRRAO

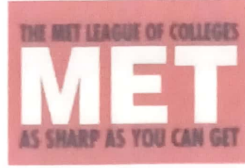


**BHUBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY
ADGAON, NASHIK-422003**

2022-2024

Handwritten signature and date: 28/17



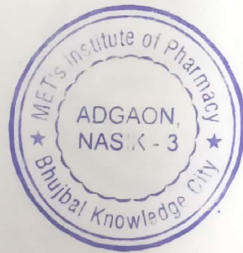


CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Evaluation of Mucoadhesive Tablet containing Econazole Nitrate for Treatment of Vaginal Candidiasis”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss. Pooja Kadubal Ghule**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**.
This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Formulation and development of an integrated solid oral dosage form for smoking cessation therapy." submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune, was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Mr. Prasad D. Rayte, under the guidance and supervision of Dr. Sanjay J. Kshirsagar.

This dissertation is now ready for examination.

Place: Nashik

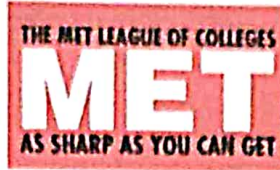
Date : 01/08/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



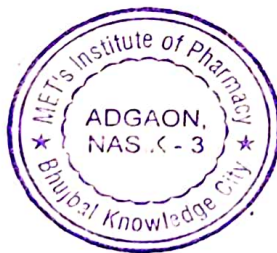
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **11/8/24**



Dr. S. J. Kshirsagar

Guide, Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled "**Formulation and development of an integrated solid oral dosage form for smoking cessation therapy.**" is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.

Place: **Nashik**

Date: 01/08/24



Prasad D. Rayte



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Formulation development and evaluation of herbal face pack and herbal oral dosage form for the treatment of Facial Melanosis" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, during the academic year 2023-2024 by Mr. Chetan Babasaheb Dhaktode, under the guidance and supervision of Dr. Sanjay. J. Kshirsagar.

This dissertation is now ready for examination.

Place: Nashik

Date 27/7/24

Dr. Sanjay. J. Kshirsagar,

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003





CERTIFICATE

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This dissertation is now ready for examination.

Place: Nashik

Date: 27/7/24

Dr. Sanjay J. Kshirsagar

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





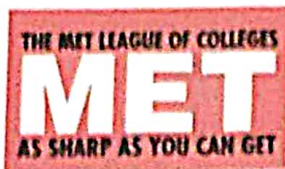
DECLARATION

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Place: Nashik


Mr. Chetan Balasaheb Dhaktode.

Date: 26/07/24



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Formulation and Evaluation of Sustain Release Tablet of Benzbromarone" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmaceutics**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Sanket Sanjay Pawar**, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **09/07/2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

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This dissertation is now ready for examination.

Place: Nashik

Date: 09/07/2024

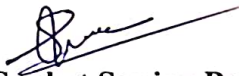


Dr. Sanjay J. Kshirsagar
Principal,
Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled "Formulation and Evaluation of Sustain Release Tablet of Benzbromarone" is based on the work carried out by me in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003 under the guidance and supervision of Dr. Sanjay J. Kshirsagar

Place: Nashik


Sanket Sanjay Pawar

Date: 09/07/2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Accelerated Stability Studies of Ritonavir Nanosuspension with Method Development and Validation by HPLC" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Mayuri Rambhau Pawar**, under the guidance and supervision of **Dr.Smita Prakash Kakad**.

This dissertation is now ready for examination.

Place: Nashik

Date: 11/7/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

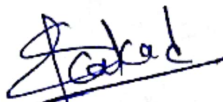
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This dissertation is now ready for examination.

Place: Nashik

Date: 11-7-2024




Dr. Smita P. Kakad
Name of the Guide
Assistant Professor
Guide

DECLARATION

I hereby declare that the dissertation entitled "Accelerated Stability Studies of Ritonavir Nanosuspension with Method Development and Validation by HPLC" is based on the work carried out by me in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003 under the guidance and supervision of Dr.Smita Prakash Kakad.

Place: Nashik

Date: 11/07/2024



M.Pawar
Ms. Mayuri Rimbhau Pawar
Name of the student



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Accelerated Stability Studies of Emtricitabine Intra Nasal In-Situ Gel Formulation with Method Development and Validation By HPLC”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Anushri Dipak Sonar**, under the guidance and supervision of **(Dr. S.P. Kakad)**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **9/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003
MET’s Institute of Pharmacy :
Adgaon, Nashik-3.



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This dissertation is now ready for examination.

Place: Nashik

Date: 09/07/2024

Name of the Guide

Dr. S.P. Kakad

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Place: Nashik

Date: 09/07/2024



Name of the student

Anushri Dipak Sonar

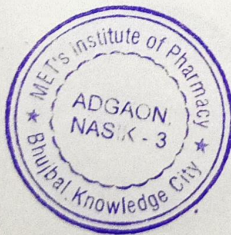


CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and evaluation of nano technology-based formulation of fertilizer containing macro and micro elements.”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance), in the Faculty of Pharmaceutical Sciences , Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Anuja Sunil Page** , under the guidance and supervision of **Dr. Gitanjali S. Deokar**.
This dissertation is now ready for examination.

Place: Nashik

Date 28/7/24



Dr. S. J. Kshirsagar

Principal

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MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



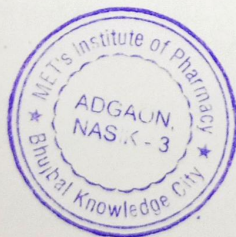
CERTIFICATE

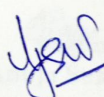
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This dissertation is now ready for examination.

Place: Nashik

Date: 23/07/24




Dr. Gitanjali S. Deokar

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

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Page

Ms. Anuja Sunil page

Place: Nashik

Date: 23/07/24

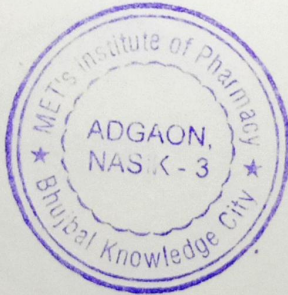


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This is to certify that the research work presented in this dissertation entitled, “**Development and evaluation of formulation for bacterial blight disease of pomegranate (*Punica granatum*)**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance), in the Faculty of **Pharmaceutical Sciences**, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Dharani Dombayya Poojary**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**. This dissertation is now ready for examination.

Place: **Nashik**

Date **23/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

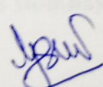
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This dissertation is now ready for examination.

Place: Nashik

Date: 23/07/24




Dr. Gitanjali S. Deokar

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Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

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Dharani Dombayya Poojary

Place: **Nashik**

Date: **23/07/24**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “Isolation and Evaluation of Bioactive Peptide from Ragi Seeds (*Eleusine coracana*)” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, Quality Assurance, in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Bhagwant Chandrakant Khedkar**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**.

This dissertation is now ready for examination.

Place: Nashik

Date: 16-07-2024



Dr. S. J. Kshirsagar

Principal

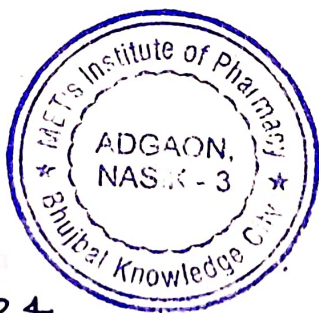
Bhujbal Knowledge City,
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



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This dissertation is now ready for examination.



Place: Nashik

Date: 16-07-2024

Dr. Gitanjali S. Deokar

Guide

DECLARATION

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Mr. Bhagwant Chandrakant Khedkar

Place: Nashik

Date: 16-07-2024

**Herbal Template Assisted Synthesis Of Zinc Oxide Nano
Particles As Antibacterial Agent**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

In Partial Fulfillment of Requirements for the Award of Degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL QUALITY ASSURANCE

In Faculty of Science and Technology

BY

Ashutosh Govindsing Rajput

Guide

Dr. Santosh S. Chhajed



BHUJBAL KNOWLEDGE CITY

MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422003

2023-2024



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This dissertation is now ready for examination.

Place: **Nashik**

Date: **9/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



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Place: **Nashik**

Date: **09/07/2024**


Dr. Santosh S. Chhajed.

Guide

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Place: **Nashik**

Date: **09/07/2024**



Name of the student

Ashutosh Govindsing Rajput

Acknowledgments

I am profoundly grateful to my parents for their endless support and encouragement. Their faith in my abilities and their constant motivation have been my driving force.

I am very much thankful to the Trustees, MET's Bhujbal Knowledge City, Adgaon, Nashik-422003 for providing the infrastructure and all the necessary facilities for this research work.

I would like to express my deep gratitude to **Dr. Sanjay J. Kshirsagar**, Principal of MET's Institute of Pharmacy, Nashik, for his support and for providing me with the opportunity to pursue this research.

I owe my deepest appreciation to my guide, **Dr. Santosh S. Chhajed**, whose expertise, patience, and insightful suggestions have been invaluable in the completion of this thesis. Their guidance helped me navigate through all the challenges I encountered during this research.

I am thankful to P.G. In charge, **Dr. M.P. Patil**, and a special thanks to **Dr. G.S. Deokar** (HOD of QA department), **Dr. S. S. Sonawane** (HOD of RA department), **Dr. Umesh Laddha** MET's Institute of Pharmacy Bhujbal Knowledge City, for their guidance during research and study at Bhujbal Knowledge City MET's Institute of Pharmacy.

Many thanks to other staff members for their valuable suggestions and help. I am also thankful to every supportive non-teaching staff of MET's Bhujbal Knowledge City, Adgaon, Nashik- 422003

I also want to thank my friends for their support and encouragement. Their assistance and understanding have been vital in my journey.

Thank you all for your unwavering support and guidance.

Place: Nashik

Date: 09/07/2024



Name of the student

ASHUTOSH G. RAJPUT.



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“DEVELOPMENT AND VALIDATION OF HPLC METHOD FOR ESTIMATION OF APREMILAST IN SPIKED HUMAN PLASMA BY HPLC”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss. **Deepika Valmikrao kurne**, under the guidance and supervision of **Dr. Sandeep S.Sonawane**.

This dissertation is now ready for examination.

Place: Nashik

Date 12/07/24



Dr. Sanjay J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Handwritten signature and date: 28/7/2024





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Dr. Sandeep S. Sonawane

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: **Nashik**

Date: **12/07/24**

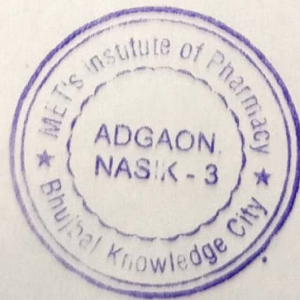


CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Development and Validation of Stability Indicating HPLC Method for Estimation of Lobeglitazone Sulfate in Bulk and Tablets**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Bachhav Harshal Arun** , under the guidance and supervision of **Dr. Sandeep S. Sonawane**.
This dissertation is now ready for examination.

Place: **Nashik**

Date: **12/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003



DECLARATION
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This dissertation is now ready for examination.

Dr. Sandeep S. Sonawane

Place: **Nashik**

Date: **12/07/2024**

Guide,
Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

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Dr. Sandeep S. Sonawane

Research Guide

Bhujbal Knowledge City

MET's Institute of Pharmacy,

Adgaon, Nashik- 422003

Place- Nashik

Date- 12/07/25



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Place: Nashik

Date: 12/7/24



Dr. S. J. Kshirsagar,

Principal,

Bhujbal Knowledge City,

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422 003.



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation development and Evaluation of Curcumin Loaded into the *Caesalpinia pulcherrima galactomannan*”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality assurance), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Pawan Gokul Barwal**, under the guidance and supervision of **Dr. Nilima A. Thombre**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **4/7/24**



Examined
[Signature]
2/8/2024

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003

PRINCIPAL

MET's Institute of Pharmacy
Adgaon, Nashik-3.



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This dissertation is now ready for examination.

A handwritten signature in blue ink, appearing to read "Nilima A. Thombre".

Place: **Nashik**

Name of the Guide

Date: **4/07/24**

Dr. Nilima A. Thombre

DECLARATION

I hereby declare that the dissertation entitled "**Formulation development and Evaluation of Curcumin Loaded into the *Caesalpinia pulcherrima galactomannan***" is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Nilima A. Thombre.**

Place: **Nashik**

Date: **4/07/24**



Name of the student

Pawan Gokul Barwal



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Validation of Stability Indicating HPLC Method for Estimation of Valsartan in bulk and tablets”** submitted in the partial fulfilment of the requirement for the degree of Master of Pharmacy, (Quality Assurance Techniques), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Ganesh Bhagwan Shirsath**, under the guidance and supervision of **Dr, Sandeep S. Sonawane**. This dissertation is now ready for examination.

Place- Nashik


Date- 12/7/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





CERTIFICATE

This is to certify that the research work presented in this dissertation entitled “Development and Validation of Stability Indicating HPLC Method for Estimation of Valsartan in bulk and tablets” submitted in the partial fulfilment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Ganesh Bhagwan Shirsath**, under my guidance and supervision. This dissertation is now ready for examination.

Place- **Nashik**

Date- **12/07/24**

Dr. Sandeep S. Sonawane

Research Guide

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled "**Development and Validation of Stability Indicating HPLC Method for Estimation of Valsartan in bulk and tablets**" is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Sandeep S. Sonawane**.

G. Shirasath

Place: **Nashik**

Mr. Ganesh Bhagwan Shirasath

Date: **12/07/24**

**“TO FORMULATE AND EVALUATE FILM FORMING
HERBAL SPRAY FOR THE TREATMENT OF
ARTHRITIS”**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

**In Partial Fulfillment of Requirements for the Award of
Degree of**

MASTER OF PHARMACY

IN

PHARMACEUTICAL QUALITY ASSURANCE

In Faculty of Science and Technology

BY

Ms. Akshada Dinkar Malode

Guide

Dr. Sunita Narendra Surse



BHUJBAL KNOWLEDGE CITY

MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422003

2023-2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**To Formulate and Evaluate Film Forming Herbal Spray for The Treatment of Arthritis**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Akshada Dinkar Malode** , under the guidance and supervision of **Dr. Sunita Narendra Surse**

This dissertation is now ready for examination.

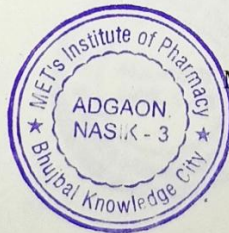
Place: **Nashik**

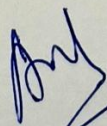
Date: **27/7/24**


Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003




28/7/2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“To Formulate and Evaluate Film Forming Herbal Spray for The Treatment of Arthritis”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Akshada Dinkar Malode**, under the guidance and supervision of **Dr. Sunita Narendra Surse**.

This dissertation is now ready for examination.

Place: Nashik

Date: 19/07/2024

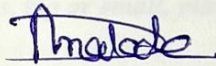


Name of the Guide

Dr. Sunita Narendra Surse

DECLARATION

I hereby declare that the dissertation entitled **“To Formulate and Evaluate Film Forming Herbal Spray for The Treatment of Arthritis”** is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Sunita Narendra Surse.**

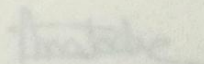


Place: **Nashik**

Name of the student

Date: **19/07/2024**

Ms. Akshada Dinkar Malode



Name of the student

Ms. Akshada Dinkar Malode

Place: **Nashik**

Date: **19/07/2024**

**“FORMULATION DEVELOPMENT AND EVALUATION
OF POLYHERBAL FILM FORMING SPRAY FOR THE
TREATMENT OF INFLAMMATION”**

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In Partial Fulfillment of Requirements for the Award of
Degree of**

MASTER OF PHARMACY

IN

PHARMACEUTICAL QUALITY ASSURANCE

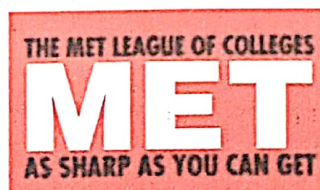
In Faculty of Science and Technology

BY

Mr. Sarthak Pandurang Jadhav

GUIDE

Dr. Sunita N. Surse



**BHUIBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY
ADGAON, NASHIK-422003**

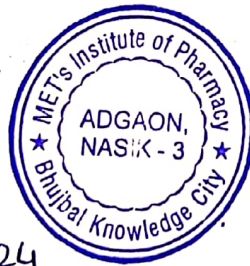
2023-2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development And Evaluation Of Polyherbal Film Forming Spray For The Treatment Of Inflammation”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, Quality Assurance, in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune was carried out in the laboratories of **MET Bhujbal Knowledge City Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Sarthak Pandurang Jadhav**, under the guidance and supervision of **Dr. Sunita N. Surse**

This dissertation is now ready for examination.



Place: Nashik

Date: 09/07/2024

Dr. S. J. Kshirsagar

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MET's Institute of Pharmacy :
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Bhujbal Knowledge City,
Institute of Pharmacy,
Adgaon, Nashik- 422003



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This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/24**

Dr. Sunita N. Surse

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DECLARATION

I hereby declare that the dissertation entitled “**Formulation Development And Evaluation Of Polyherbal Film Forming Spray For The Treatment Of Inflammation**” is based on the work carried out by me in the laboratories of **MET Bhujbal Knowledge City Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Guide Dr. Sunita N. Surse.**



Place: **Nashik**

Mr. Sarthak Pandurang Jadhav

Date: **09/07/2024**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “Formulation development and evaluation of probiotic loaded formulation for Mouth Ulcers” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003, during the academic year 2023-2024 by Mr. Pravin Premising Pawara, under the guidance and supervision of Dr. Sanjay J. Kshirsagar

This dissertation is now ready for examination.

Place: Nashik

Date 27/7/24

Dr. S. J. Kshirsagar

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MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



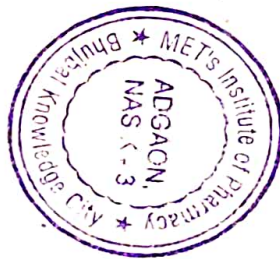
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This dissertation is now ready for examination.

Place: Nashik

Date: 27/7/24



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Adgaon, Nashik- 422003



DECLARATION

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Mr. Pravin Premsing Pawara

Place: **Nashik**

Date: **26/07/2024**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development and Evaluation of Pre-Workout Gummies”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss. Aishwarya Suhas Lad**, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.

This dissertation is now ready for examination.

Place: Nashik

Date: 12/7/24



Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



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This dissertation is now ready for examination.

Place: **Nashik**

Date: **12/7/24**



Dr. Sanjay J. Kshirsagar

Research Guide


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Adgaon, Nashik- 422003

DECLARATION

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Place: **Nashik**

Miss. Aishwarya Suhas Lad

Date: **12/07/24**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“REGULATORY PATHWAYS FOR DRUG APPROVAL IN THE US AND EUROPE : A COMPARATIVE ANALYSIS WITH AN OVERVIEW OF MEDICAL DEVICES”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Rajan Nitin Mali**, under the guidance and supervision of **Dr. Smita P. Kakad**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **12/7/24**



Dr. S. J. Kshirsagar

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**Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003**



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This dissertation is now ready for examination.

Place: **Nashik**

Date: **12-07-2024**

A handwritten signature in blue ink, appearing to read 'Smita P. Kakad', written over a horizontal line.

Dr. Smita P. Kakad

Guide

DECLARATION

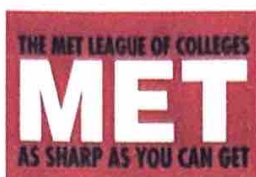
I hereby declare that the dissertation entitled **“REGULATORY PATHWAYS FOR DRUG APPROVAL IN THE US AND EUROPE: A COMPARATIVE ANALYSIS WITH AN OVERVIEW OF MEDICAL DEVICES”** is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Smita P Kakad** and **Mr. Amol Gotmare**.

Place: **Nashik**

Date: **12/07/24**



Rajan Nitin Mali



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “Stability Evaluation and Data Interpretation of Marketed Tablet Dosage Forms” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Regulatory Affairs), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr/Ms/Mrs. **Shreya Sunil Shinde**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**.

This dissertation is now ready for examination.

Place: **Nashik**

Date : 23/07/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



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This dissertation is now ready for examination.

Place: Nashik

Date: 23/07/24



Dr. Gitanjali S. Deokar

Guide,

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



DECLARATION

I hereby declare that the dissertation entitled “Stability Evaluation and Data Interpretation of Marketed Tablet Dosage Forms” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Gitanjali S. Deokar.**

Ms. Shreya Sunil Shinde

Place: **Nashik**

Date: 23/07/24



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Bioequivalence profiling and data interpretation of approved dosage form with marketed generic dosage form”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Regulatory Affairs), in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Pallvi Ravindra Pagar**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**. This dissertation is now ready for examination.

Place: Nashik

Date: 23/04/2024



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

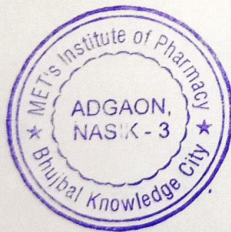


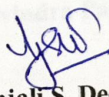
CERTIFICATE

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Place: **Nashik**

Date: **23/07/2024**




Dr. Gitanjali S. Deokar

Guide

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

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Ms. Pallavi Ravindra Pagar

Place: **Nashik**

Date: **23/07/2024**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development of generic tablet formulation and dossier preparation for US submission”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Regulatory Affairs), in the Faculty of Pharmaceutical Sciences and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Sujit Anil Pachorkar**, under the guidance and supervision of **Dr. Moreshwar P. Patil**.

This dissertation is now ready for examination.

Place: Nashik

Date: 28/7/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

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Place: **Nashik**

Date: **19/07/2024**



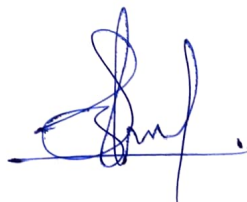
Guide

Dr. Moreshwar P. Patil

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled “**Development of generic tablet formulation and dossier preparation for US submission**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Moreshwar P. Patil**



Mr. Sujit Anil Pachorkar

Place: **Nashik**

Date: **19/07/2024**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Market Authorization Approval Process for Aerosol Pumps as a Medical Device in Various Emerging Markets" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy Regulatory affairs, in the Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Ankita Sunil Kale**, under the guidance and supervision of **Dr. Deepak S. Bhambere**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **09/07/2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik - 422003

Ankita Sunil Kale
15/08/24



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**TO STUDY FDA AND EU REGULATIONS ON IN-VITRO DIAGNOSTICS AND PREPARATION OF CHECKLIST ON IVDR**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Regulatory Affairs**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss. **Shruti Tulshiram Madavi**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **13/07/2024**

Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
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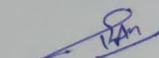
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This dissertation is now ready for examination.

Place: Nashik

Date: 12/07/2024


Dr. Sapana P. Ahirrao

Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

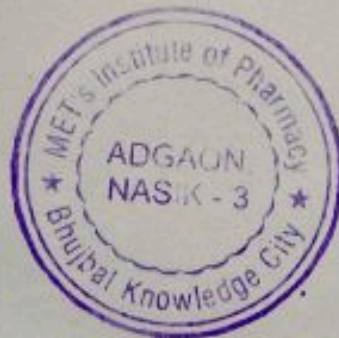


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This dissertation is now ready for examination.

Place: **Nashik**

Date **16/07/2024**



Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



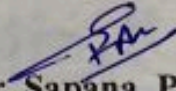
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **16/07/2024**


Dr. Sapana. P. Ahirrao
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CERTIFICATE

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This dissertation is now ready for examination.

Place: **Nashik**

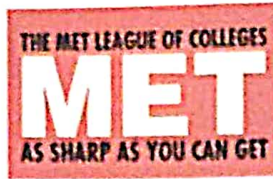
Date: **8/8/24**



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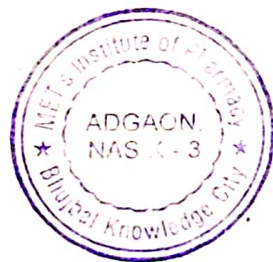


CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**The Regulatory Landscape for Drug-Device Combination Products Across India, USA, Argentina, and Germany**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Regulatory Affairs), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. Saniya N. Bhalerao, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.
This dissertation is now ready for examination.

Place: Nashik

Date: 8/8/24



Dr. S. J. Kshirsagar

Research Guide

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003


DECLARATION

I hereby declare that the dissertation entitled “**The Regulatory Landscape for Drug-Device Combination Products Across India, USA, Argentina, and Germany**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.

Place: **Nashik**

Date:




Ms. Saniya N Bhalerao

**“Synthesis and Characterization of *N*-Containing
Heterocyclic Agent as an Antifungal Agent”**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

**In the Partial Fulfillment of Requirements for the Award of
Degree of**

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

BY

YELMAME POOJA HARISH

GUIDE

Dr. SANTOSH S. CHHAJED



BHUJBAL KNOWLEDGE CITY

MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422003

2022-2024



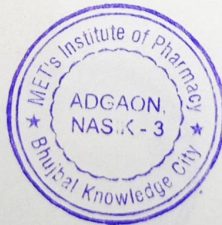
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Characterization of N-Containing Heterocyclic Agent as an Antifungal Agent”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Pooja Harish Yelmame** under the guidance and supervision of **Dr. Santosh S. Chhajed**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **12-07-2024**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE


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This dissertation is now ready for examination.

Place: Nashik

Date: 12-07-2024




Dr. Santosh S. Chhajed

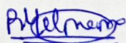
Guide,

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled “**Synthesis and Characterization of N-Containing Heterocyclic Agent as an Antifungal Agent**” is based on the work carried out by me in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of Dr. **Santosh S. Chhajed**.

Place: **Nashik**


Pooja Harish Yelmame

Date: **12-07-2024**

Acknowledgments

I would like to thank all people who have helped and inspired me during my M. Pharm research study. It is a pleasure to convey my gratitude to them all in my humble acknowledgment.

In the first place I want to give special thanks to my respected and esteemed guide Dr. Santosh S. Chhajed, for their guidance during my research and study at Bhujbal Knowledge City MET's Institute of Pharmacy. The current work would not have been impossible without their expert guidance and scholarly supervision during the course of this investigation. In addition, they were always accessible and willing to help students with their research. They have instilled in me self-confidence and patience, which made me to accomplish the research problems successfully.

I am very much thankful to Shri. Samir Bhujbal, Trustee, MET and Mrs. Shefali Bhujbal Chief Administrator Bhujbal Knowledge City for providing infrastructure and all the necessary facilities for this research work. I gratefully Deore sir, for their valuable suggestions and kind help. Collective acknowledgment to Principal Bhujbal Knowledge City, MET's Institute of Pharmacy.

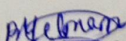
Many thanks go in particular to Dr. Sanjay Kshirsagar sir, Dr. Santosh Chhajed sir, Dr. Sandeep Sonawane sir, and individual acknowledgments are also owed to my lab buddies i.e., Prajakta, Mayuri, rituja. I express my wholehearted gratitude and special thanks to my colleagues for giving me such a pleasant time when working together with them.

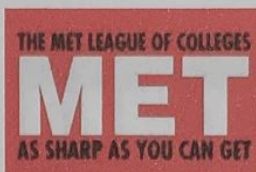
My deepest gratitude goes to my family for their unflinching love and support throughout my life. I am indebted to my father, for his care and love. I cannot ask for more from my mother, as she is simply perfect.

Finally, I would like to thank everybody who was important to the successful realization of thesis, as well as expressing my apology that I could not mention personally one by one.

Place: Nashik

Date: 12-07-2024


Pooja H. Yelname



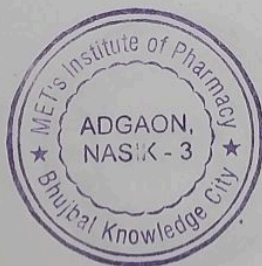
CERTIFICATE

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This dissertation is now ready for examination.

Place: **Nashik**

Date **18-7-24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



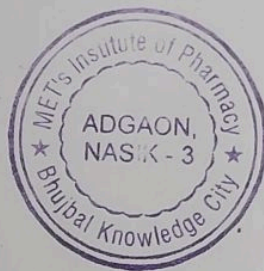
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **11-7-20**



Name

DR. Santosh. S. chhajed

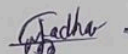
Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

DECLARATION

I hereby declare that the dissertation entitled **“TO SYNTHESIZE AND CHARACTERIZE THIOPHENE ANALOGOUS AS ANTICANCER AGENT”** is **Q** of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003** under the guidance and supervision of **DR. Santosh. S. Chhajed.**

Place: **Nashik**

Date: **-11-7-24**



Ms. Mayuri Babasaheb Jadhav



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Analytical Quality By Design Technique For Optimization And Validation Of Dolutegravir And Rilpivirine Using RP-HPLC”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Rituja Prakash Ghatkar**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **25/7/24**

A handwritten signature in black ink, appearing to be "S. J. Kshirsagar", written over a diagonal line.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “Analytical Quality By Design Technique For Optimization And Validation Of Dolutegravir And Rilpivirine Using RP-HPLC ”submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Rituja Prakash Ghatkar**, under my guidance and supervision. This dissertation is now ready for examination.

Place: **Nashik**

Date: 25/7/24

A handwritten signature in blue ink, appearing to be "DR" with a flourish.

Dr. Dinesh D. Rishipathak

Guide,

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MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Pharmacological Evaluation of some substituted Quinazolinone derivatives for anticonvulsant activity.”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Prajakta R. Dumbare**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **16/7/24**

Dr. S. J. Kshirsagar
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Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





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This dissertation is now ready for examination.

Place: Nashik

Date: 16/7/24




Dr. Dinesh D. Rishipathak

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Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“DESIGN, SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF SOME 4-THIAZOLIDIONE DERIVATIVES ”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutical chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr. DESHMUKH SAGAR SANDIP , under the guidance and supervision of DR.DINESH D. RISHIPATHAK.

This dissertation is now ready for examination.

Place: Nashik

Date 27/08/24



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Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

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This dissertation is now ready for examination.

Dr. DINESH. D. RISHIPATHAK

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Adgaon, Nashik- 422003



Place: **Nashik**

Date: **07/08/24**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Design and synthesis of some gallic acid derivatives and their biological evaluation”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Badgujar Shreyas Prakash**, under the guidance and supervision of **Dr. Dinesh D Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **08/08/2024**

A handwritten signature in black ink, appearing to read "S. J. Kshirsagar", written over a horizontal line.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003




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This dissertation is now ready for examination.

Place: **Nashik**

Date: **08/08/2024**


Dr. Dinesh D Rishipathak.
Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

**EFFECT OF NANOPARTICULATE SYSTEM OF
NARINGENIN ON IMMUNOMODULATION ACTIVITY
USING EXPERIMENTAL ANIMALS**

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In the Partial Fulfillment of Requirements for the Award of
Degree of**

**MASTER OF PHARMACY
IN
PHARMACOLOGY**

In the Faculty of Science and Technology

BY

MR. SUMIT P. DANGE

Guide

DR. NEELAM L. DASHPUTRE



**BHUIBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY
ADGAON, NASHIK-422003**

2022-2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Effect Of Nanoparticulate System Of Naringenin On Immunomodulation Activity Using Experimental Animals**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmacology**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr. Sumit P. Dange under the guidance and supervision of DR. Neelam L. Dashputre

This dissertation is now ready for examination.

Place: Nashik

Date 27/7/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Dr. C. R. Patil
28/07/24
(EXT. Examiner)



CERTIFICATE

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This dissertation is now ready for examination.

Place: Nashik

Date: 27/07/2024

A handwritten signature in blue ink, appearing to be "N. Dashputre", is written over a faint circular stamp.

DR. NEELAM L. DASHPUTRE

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

**DEVELOPMENT AND EVALUATION OF DAIDZEIN NANOPARTICLES
AGAINST SCOPOLAMINE INDUCED ALZHEIMER'S DISEASE IN
ALBINO WISTAR RATS**

A DISSERTATION SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

**IN THE PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE
AWARD OF DEGREE OF
MASTER OF PHARMACY**

IN

PHARMACOLOGY

IN THE FACULTY OF SCIENCE AND TECHNOLOGY

BY

MISS.VIDYA VASANTRAO EKHANDE

GUIDE

**DR. NEELAM L. DASHPUTRE
BHUJBAL KNOWLEDGE CITY**



**MET'S INSTITUTE OF PHARMACY
ADGAON, NASHIK-422003**

2022-2024



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "DEVELOPMENT AND EVALUATION OF DAIDZEIN NANOPARTICLES AGAINST SCOPOLAMINE INDUCED ALZHEIMER'S DISEASE IN ALBINO WISTAR RATS" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**Pharmacology**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Miss. Vidya Vasantao Ekhande, under the guidance and supervision of Dr. Neelam L. Dashputre.

This dissertation is now ready for examination.



Place: Nashik

Date 25/7/24

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

Examined
Dr. C.R. Patil
28/07/24
(Ext. Examiner)



CERTIFICATE


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This dissertation is now ready for examination.

Place: Nashik

Date: 25/7/24




Dr. Neelam L. Dashputre
Guide

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

**Effect of nanoparticulate system of Diosmin against
Rotenone induced Parkinson's Disease in rats**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

In Partial Fulfillment of Requirements for the Award of Degree of

MASTER OF PHARMACY

IN

PHARMACOLOGY

IN FACULTY OF SCIENCE AND TECHNOLOGY

BY

Ms.kalyani Sunil Nikam

GUIDE

Dr. N. L. Dashputre

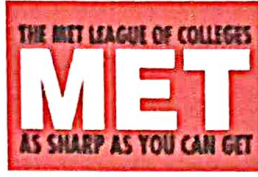
BHUJBAL KNOWLEDGE CITY



MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422 003

2022-2024



CERTIFICATE

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This dissertation is now ready for examination.

Place: Nashik

Date: 27/7/24



Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422 003

28/7/24
Dr. C. R. Patil
Cent. Examiner



CERTIFICATE

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This dissertation is now ready for examination.

A handwritten signature in black ink, appearing to be "N. L. Dashputre", written over a faint circular stamp.

Dr. N. L. Dashputre

Guide

Place: **Nashik**

Date:

Bhujbal Knowledge City,
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

**“EVALUATION OF SAFETY, EFFICACY AND
IMMUNOGENICITY OF BIOSIMILAR OF TOCILIZUMAB IN
ANTIMETABOLITE RESISTANT RHEUMATOID ARTHRITIS
PATIENTS”**

A Dissertation Submitted to

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**In the Partial Fulfillment of Requirements for the Award Of
Degree Of**

MASTER OF PHARMACY

IN

PHARMACOLOGY

In the Faculty of Science and Technology

BY

MISS. SAKSHI RAJENDRA SOMANI

Guide

DR. PAVAN B. UDAVANT



BHUJBAL KNOWLEDGE CITY

MET's INSTITUTE OF PHARMACY

ADGAON, NASHIK-422003

2022-2024

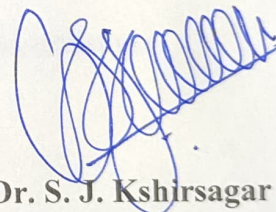
CERTIFICATE

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This dissertation is now ready for examination.

Place: **Nashik**

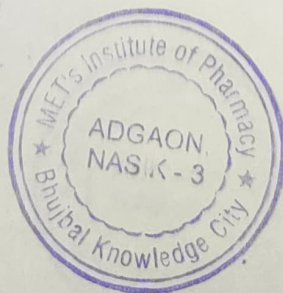
Date **27/7/24**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003





CERTIFICATE

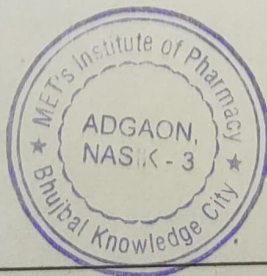
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This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/7/2024**

Dr. Pavan B. Udavant
Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



**“ASSESSMENT OF HEPATOPROTECTIVE
POTENTIAL OF A SINAPIC ACID ON ANIMAL MODEL
OF ALCOHOL INDUCED HEPATOTOXICITY”**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

**In the Partial Fulfillment of Requirements for the Award of
Degree of**

MASTER OF PHARMACY

IN

PHARMACOLOGY

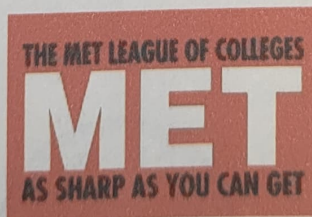
In the Faculty of Science and Technology

BY

MAYURI RAMESH SALAVE

Guide

DR. P. B. UDAVANT



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MET's INSTITUTE OF PHARMACY
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2022-2024



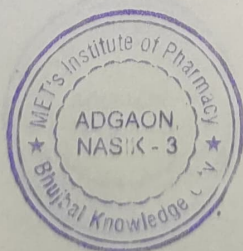
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“ASSESSMENT OF HEPATOPROTECTIVE POTENTIAL OF A SINAPIC ACID ON ANIMAL MODEL OF ALCOHOL INDUCED HEPATOTOXICITY”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (**PHARMACOLOGY**), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **MAYURI RAMESH SALAVE**, under the guidance and supervision of **DR. P. B. UDAVANT**).

This dissertation is now ready for examination.

Place: Nashik

Date 25/7/24



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



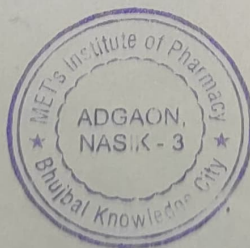
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This dissertation is now ready for examination.

Place: Nashik

Date: 25/7/2024



Dr. Pavan B. Udavant

Guide

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

**“ASSESSMENT OF HEPATOPROTECTIVE
POTENTIAL OF TROXERUTIN ON ANIMAL MODEL
OF ISONIAZID AND RIFAMPICIN INDUCED
HEPATOTOXICITY”**

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

In Partial Fulfillment of Requirements for the Award of

Degree of

MASTER OF PHARMACY

IN

PHARMACOLOGY

In Faculty of Science and Technology

BY

Mr. PRASAD DADAJI NIKAM

Guide

Dr. PAVAN B. UDAVANT



**BHUJBAL KNOWLEDGE CITY
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ADGAON, NASHIK-422003**

2022-2024



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This dissertation is now ready for examination.

Place: - Nashik

Date:- 27/7/24

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
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This dissertation is now ready for examination.

Place: - **Nashik**

Date: - **26/11/24**

Dr. Pavan B. Udavant

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003

OC

MET/IOP/ 2023-24/42

Date: 26/08/2023

To
 Deputy Registrar,
 PG Admission,
 Savitribai Phule Pune University,
 Pune

Subject: Submission of Research Proposal for Ph.D. in Pharmaceutics and Pharmacology of
 MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik.

College Puncode: CPHN018080

Ref.: PGS/2956, Dated: 03/07/2023

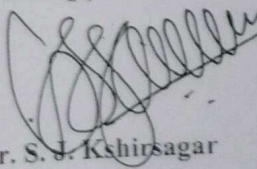
Respected Sir,

With reference to the subject cited above, presentations on research proposal of Ph.D. candidate were conducted on 26/08/2023 at MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik as per the norms laid by Savitribai Phule Pune University. We are submitting herewith the documents mentioned in enclosures.

Details of the Student:

Sr. No.	Application ID	Name of the Students	Subject	Name of the Guide
01	22030004625	Sharmila Deepak Kuskar	Pharmaceutics	Dr. S. P. Ahirrao
02	22030051306	Sampada Subhash Netane	Pharmaceutics	Dr. S. P. Ahirrao
03	22030048576	Priyanka Pandurang Thore	Pharmaceutics	Dr. S. P. Kakad
04	22030026382	Suvarna Sanjay Khairnar	Pharmacology	Dr. P. B. Udavant
05	22030011690	Mitali Vijay Dalvi	Pharmacology	Dr. P. B. Udavant
06	22030025710	Divya Goraksha Thite	Pharmacology	Dr. N. L. Dashputre

Kindly do the needful and oblige.
 Thanking you.


 Dr. S. J. Kshirsagar
 PRINCIPAL
 MET's Institute of Pharmacy
 Adgaon, Nashik-3.



29/8/2023

Adgaon, Nashik - 422 003
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 E-mail : enquiries@bkc.met.edu | www.metbhujbalknowledgecity.ac.in
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Savitribai Phule Pune University

(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Candidate's Name : Nemade Lalita Shashikant
(नेमाडे ललिता शशिकांत)

Mother's Name : Sheela (शिला)



University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

Relevant details are as under :

1. Faculty : Science and Technology
2. Subject Name : Pharmaceutics
3. Title of Thesis : "Design and development of nanosuspension of poorly soluble drug."
4. Research Center : MET's Institute of Pharmacy, Nashik - 422003
5. Name and Address of the Guide : Dr. Patil Moreshwar Pandharinath
MET's Institute of Pharmacy, Nashik - 422003
6. Date of Registration : 22/02/2020
7. Date of Declaration of Result : 29/01/2024



Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./24/S&T/0487
Date : 31/01/2024

Director
Board of Examinations & Evaluation



Savitribai Phule Pune University

(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Candidate's Name : Ahire Eknath Damu
(अहिरे एकनाथ दामू)

Mother's Name : Dhanabai (धनाबाई)



University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

Relevant details are as under :

1. Faculty : Science and Technology
2. Subject Name : Pharmaceutics
3. Title of Thesis : "Investigation of excipients for their efflux pump inhibitory potential and development of formulation."
4. Research Center : MET's Institute of Pharmacy, Nashik - 422003
5. Name and Address of the Guide : Dr. Kshirsagar Sanjay Jayprakash
MET's Institute of Pharmacy, Nashik - 422003
6. Date of Registration : 22/02/2020
7. Date of Declaration of Result : 29/01/2024

Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./24/S&T/0488
Date : 31/01/2024

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Board of Examinations & Evaluation



Savitribai Phule Pune University

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Declaration of Result of the Doctor of Philosophy (Ph.D.)

Candidate's Name : Chandramore Kavita Ravindra
(चंद्रमोरे कविता रविंद्र)



Mother's Name : Padma (पदमा)

University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

Relevant details are as under :

1. Faculty : Science and Technology
2. Subject Name : Pharmaceutical Chemistry
3. Title of Thesis : "Development and Validation of stability indicating methods for few drugs."
4. Research Center : MET Institute of Pharmacy, Nashik - 422003
5. Name and Address of the Guide : Dr. Sonawane Sandeep Suresh
MET Institute of Pharmacy, Nashik - 422003
6. Date of Registration : 22/02/2020
7. Date of Declaration of Result : 17/05/2024



Ganeshkhind, Pune - 411007.
Ref. No. PGS/Ph.D./24/S&T/0689
Date : 20/05/2024

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Board of Examinations & Evaluation



Savitribai Phule Pune University

(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Candidate's Name : Shelke Rakesh Uttamrao
(शेळके राकेश उत्तमराव)



Mother's Name : Rohini (रोहिणी)

University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

Relevant details are as under :

1. Faculty : Science and Technology
2. Subject Name : Pharmaceutical Chemistry
3. Title of Thesis : "Analytical Method Development and Validation of Few Drugs in Plasma."
4. Research Center : MET Institute of Pharmacy, Nashik - 422003.
5. Name and Address of the Guide : Dr. Rishipathak Dinesh Dattatraya
MET Institute of Pharmacy, Nashik - 422003.
6. Date of Registration : 22/02/2020
7. Date of Declaration of Result : 05/02/2024

Ganeshkhind, Pune - 411007.

Ref. No. PGS/Ph.D./24/S&T/0509

Date : 08/02/2024

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Savitribai Phule Pune University
Ganeshkhind, Pune - 411007.



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P. G. Admissions Section

वेबसाइट / Website: www.unipune.ac.in


Ref. No.: PGS/41

Date :25/01/2024

To,
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Mumbai Educational Trust MET Institute of
Pharmacy Addr: Bhujbal Knowledge City
Adgav Ta: Nashik Dist: Nashik
[CPHN018080]

Sir/Madam

The Ph.D. cases forwarded by your Institute/Centre were placed before the Research & Recognition Committee in Pharmacology (Science and Technology) held on 30/09/2023. The decision/s of Research & Recognition Committee are as follows :

Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Divya Goraksha Thite Guide : Dr. Dashputre Neelam Laxman 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- "EXPLORATION OF POTENTIAL THERAPEUTIC EFFECT OF NANO-BASED FORMULATION OF PHYTOCONSTITUENT (S) FOR ALZHEIMERS DISEASE IN EXPERIMENTAL ANIMALS."

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Divya Goraksha Thite
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.Dashputre Neelam Laxman
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



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Ganeshkhind, Pune - 411007.



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The Ph.D. cases forwarded by your Institute/Centre were placed before the Research & Recognition Committee in Pharmaceutics (Science and Technology) held on 29/08/2023. The decision/s of Research & Recognition Committee are as follows :

Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Priyanka Pandurang Thore Guide : Dr. KAKAD SMITA PRAKASH 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- Design and development of antiretroviral formulation to eradicate HIV reservoir

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Priyanka Pandurang Thore
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.KAKAD SMITA PRAKASH
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



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Ganeshkhind, Pune - 411007.



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The Ph.D. cases forwarded by your Institute/Centre were placed before the Research & Recognition Committee in Pharmaceutics (Science and Technology) held on 29/08/2023. The decision/s of Research & Recognition Committee are as follows :

Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Sharmila Deepak Kuskar Guide : Dr. Ahirrao Sapana Prabhakar 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- Design and Development of Microarray patches for postmenopausal Women

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Sharmila Deepak Kuskar
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.Ahirrao Sapana Prabhakar
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



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गणेशखिंड, पुणे - ४११ ००७.
Savitribai Phule Pune University
Ganeshkhind, Pune - 411007.



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दूरध्वनी क्रमांक : ०२० - २५६२१२०५

Telephone : 020 - 25621205.

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Ref. No.: PGS/41

Date :25/01/2024

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Mumbai Educational Trust MET Institute of
Pharmacy Addr: Bhujbal Knowledge City
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Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Sampada Subhash Netane Guide : Dr. Ahirrao Sapana Prabhakar 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- Design and development of Miconazole nitrate vaginal mucoadhesive tablet for vulvovaginal candidiasis

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Sampada Subhash Netane
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.Ahirrao Sapana Prabhakar
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



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७५ वर्षांचा उत्सव

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Telephone : 020 - 25621205.

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Ref. No.: PGS/41

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Pharmacy Addr: Bhujbal Knowledge City
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[CPHN018080]

Sir/Madam

The Ph.D. cases forwarded by your Institute/Centre were placed before the Research & Recognition Committee in Pharmacology (Science and Technology) held on 30/09/2023. The decision/s of Research & Recognition Committee are as follows :

Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Mitali Vijay Dalvi Guide : Dr. Udavant Pavan Bhausheeb 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- Evaluation of Neuroprotective effect of some phytoconstituents in animal models of Alzheimer's Disease

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Mitali Vijay Dalvi
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.Udavant Pavan Bhausheeb
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



सावित्रीबाई फुले पुणे विद्यापीठ
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Savitribai Phule Pune University
Ganeshkhind, Pune - 411007.



सावित्रीबाई फुले पुणे विद्यापीठ
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Pharmacy Addr: Bhujbal Knowledge City
Adgav Ta: Nashik Dist: Nashik
[CPHN018080]

Sir/Madam

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Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Suvarna Sanjay Khairnar Guide : Dr. Udavant Pavan Bhausheeb 	Topic Approved and Admitted w.e.f. 26/08/2023 as follows :- Systematic investigation of protective effect of some phytoconstituents in experimental models of hepatotoxicity'

Please comply with the directions of Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Mr. Shripad Burkule
Assistant Registrar

Copy to :

1. Mr./Ms. Suvarna Sanjay Khairnar
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik
2. Dr.Udavant Pavan Bhausheeb
Mumbai Educational Trust MET Institute of Pharmacy Addr: Bhujbal Knowledge City Adgav Ta: Nashik Dist: Nashik



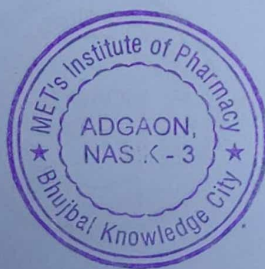
CERTIFICATE

This is to certify that the review work presented in this dissertation entitled, **“A Comparative cross sectional discriptive market survey of various brands of pantoprazole”** submitted in the partial fulfillment of the requirement for the degree of Bachelor of Pharmacy, Savitribai Phule Pune University, Pune was carried out in the **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2023-2024 by **Miss. Kothawade Madhuri Ashok** under the guidance and supervision of **Dr. Deepak Bhambere**.

This dissertation is now ready for examination.

Dr. Deepak Bhambere

Guide



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422 003


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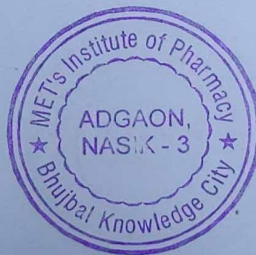
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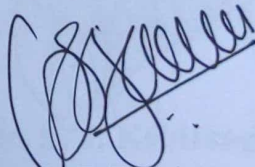
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This dissertation is now ready for examination.


Dr. Deepak Bhambere

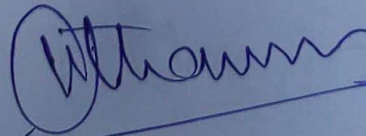
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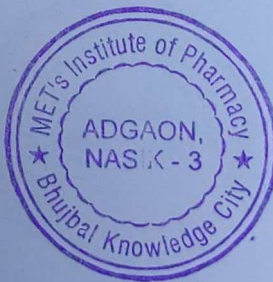


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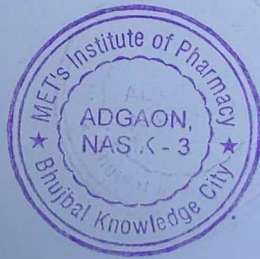
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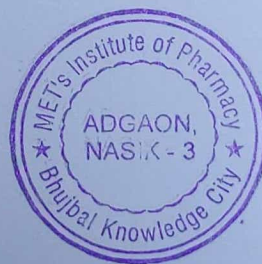
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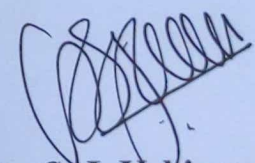
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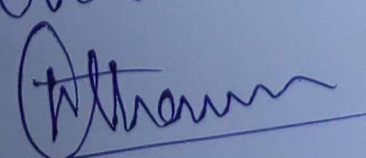

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Place: Nashik

Date: 18/4/24

Name Of Student

Kothawade Madhuri Ashok



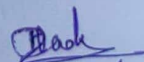
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Name Of Student

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Pardeshi Nisha Manoj



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Place: Nashik

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3. **Malle Rakhi Ashok**
4. **Pardeshi Nisha Manoj**
5. **Shirsath Pooja Uttam**

Polyherbal Premix : Antiurolithic Activity

**A DISSERTATION SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE AWARD
OF DEGREE OF
BACHELOR OF PHARMACY
BY**

SR. NO.	NAME	ROLL NO.
1	MAST. SUSHANT YUVRAJ BEDSE	04
2	MAST. PRATHAMESH SHARAD DALVI	12
3	MAST. HIMANSHU SADASHIV MALI	35

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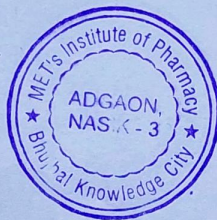
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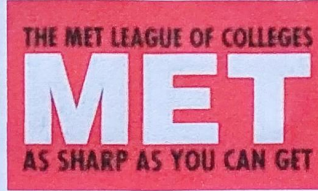
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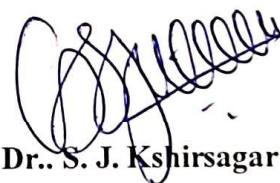
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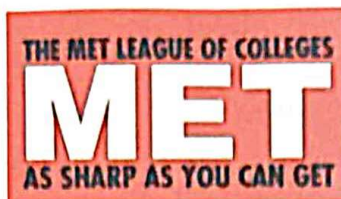
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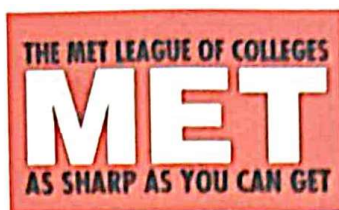
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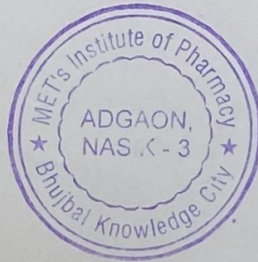


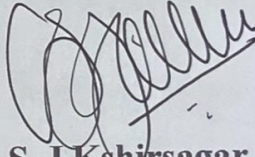
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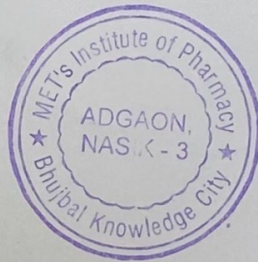
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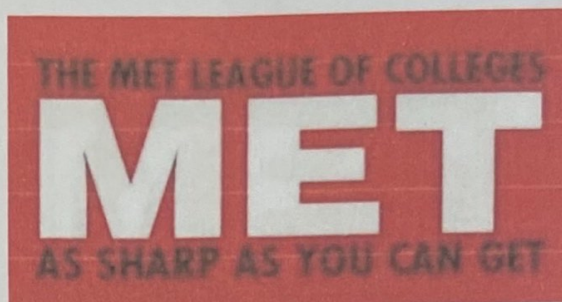
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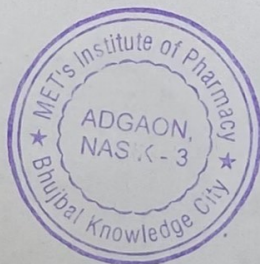
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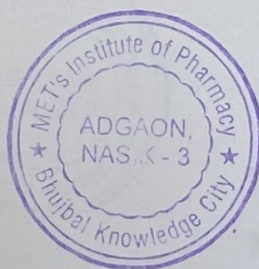


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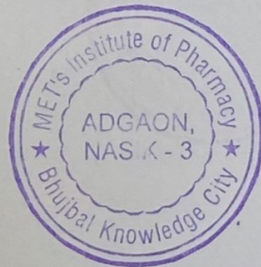
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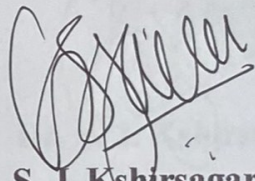
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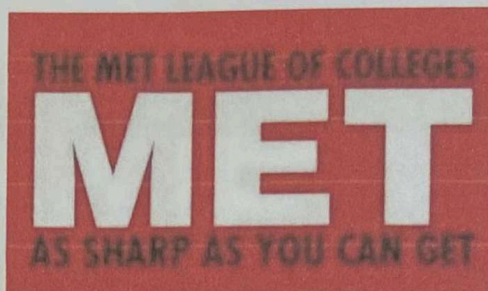
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A handwritten signature in blue ink, appearing to read "Pratiksha N. Sonwane", is written over the printed name.

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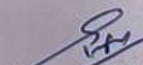
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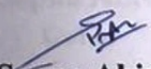


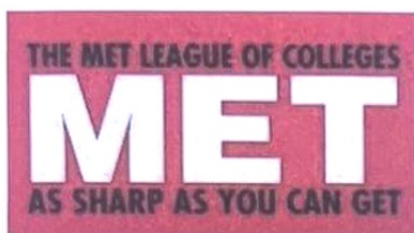
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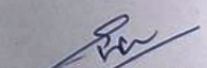


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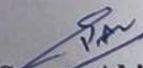
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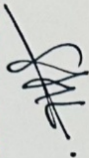
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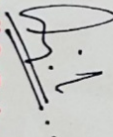
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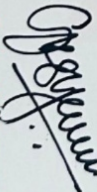
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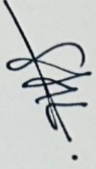
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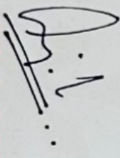


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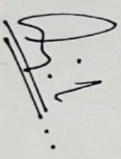
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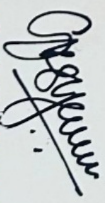
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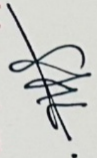
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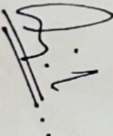
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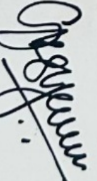


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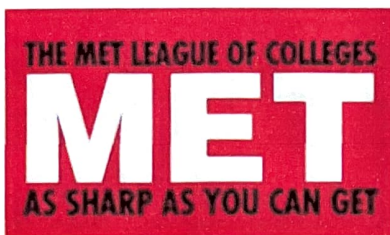

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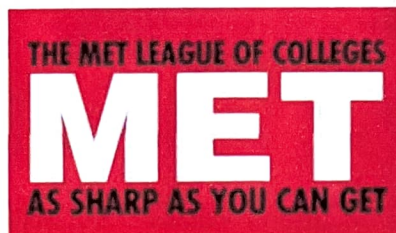
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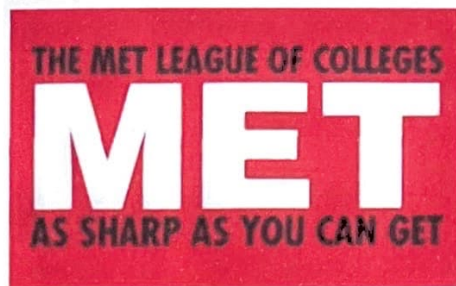
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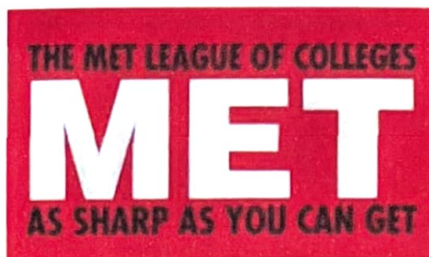
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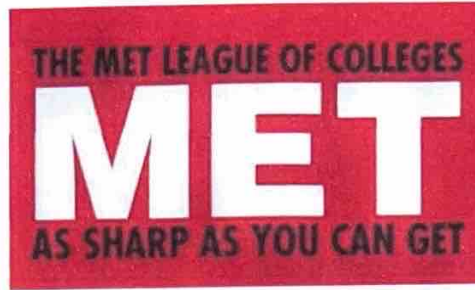
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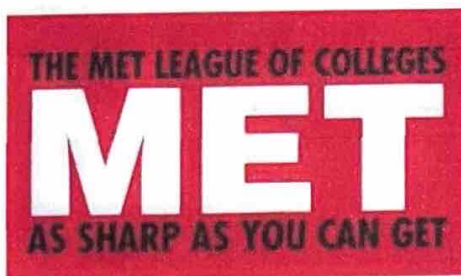
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This dissertation is now ready for examination.

Place: Nashik

Date: 15/04/2024




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Date 15/04/2024

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Place Nashik

Date 15/04/2024

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Mr. Abhish Jadhav

Guide

Formulation and Evaluation of Spirulina Infused Gummies

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In Partial Fulfillment of Requirements for the Award of
Degree of
BACHELOR OF PHARMACY**

SR. NO.	NAME	ROLL NO.
1	MR.DHAMMAPAL A. SATHE	37
2	MR.ROSHAN B. NIRBHVANE	28

Guide

MRS.SARIKA PATIL



**BHUIBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY
ADGAON, NASHIK-422 003
2023-2024**



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Place: **Nashik**

Date: **15/04/2024**



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MRS. Sarika Patil

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Place: **Nashik**

Date: **15/04/2024**



MRS. Sarika Patil

Guide



DECLARATION

We hereby declare that the dissertation entitled, , "**Formulation and Evaluation of Spirulina Infused Gummies**" is based on the work carried out by me in the laboratories of **MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2023-2024 under the guidance and supervision of **Prof MRS. Sarika Patil**.

Place: **Nashik**

Name of the student

Date: **15/04/2024**

1. **Mr. Dhammapal A Sathe**

Sathe

2. **Mr. Roshan B Nirbhvane**

Nirbhvane

Acknowledgments

We take this opportunity to express our profound gratitude and deep regards to our Guide **MRS. Sarika Patil** from MET's Institute of Pharmacy, for their exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by her time to time shall carry me a long way in the journey of life on which we about to embark. We obliged to all teaching and non-teaching staff of **MET's Institute of Pharmacy** for the valuable information provided by them in their respective fields. We grateful for their cooperation during the period of our project.

Place: **Nashik**

Name of the student

Date: **15/04/2024**

1.Mr.Dhammapal A Sathe

2.Mr.Roshan B Nirbhvane



Dedicated to

In the hopes that work may in some way contribute to their exploration of space, this is dedicated to MET BKC IOP, Respected Principal Dr. Sanjay J. Kshirsagar Sir and Guide MRS. Sarika Patil Mam.



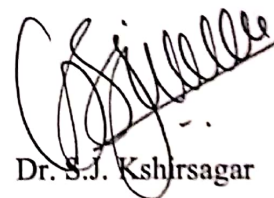
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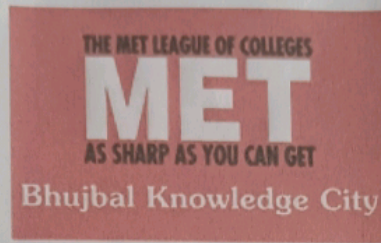
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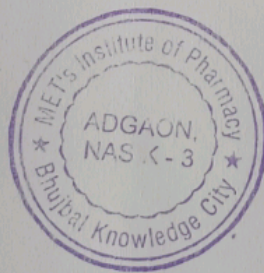
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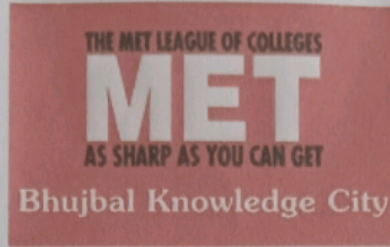
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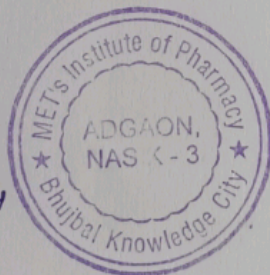
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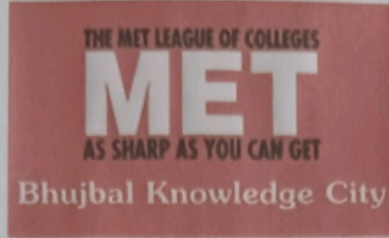
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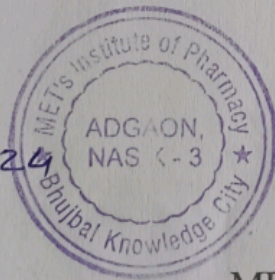
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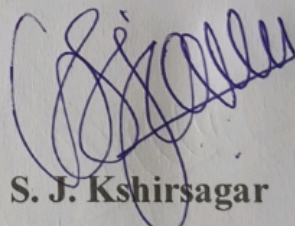
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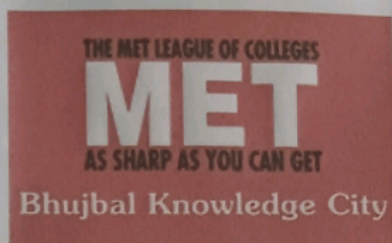

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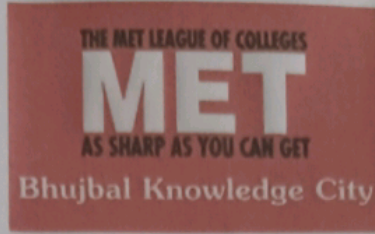

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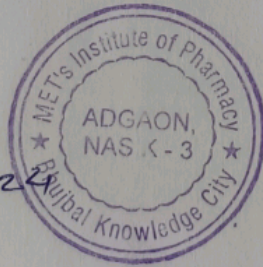
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Place: Nashik

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Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
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Ms. Smita Kothmire



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Dr. S. J. Kshirsagar

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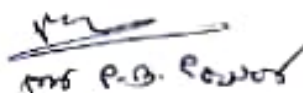
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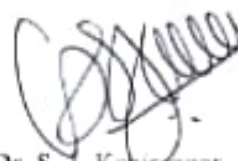
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Ms. P. G. Pawar



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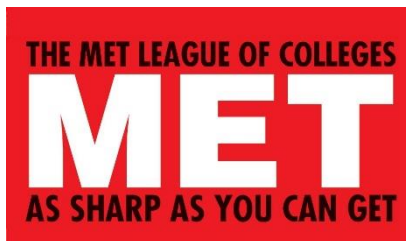
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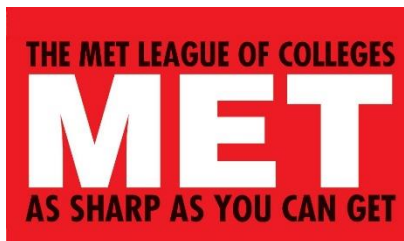
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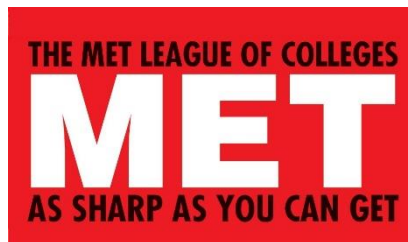
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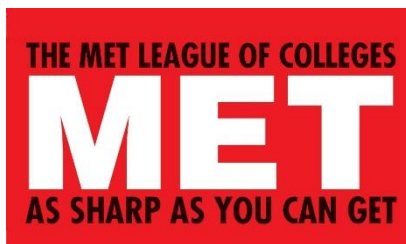
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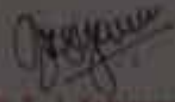
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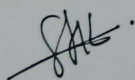
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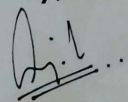
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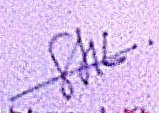
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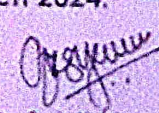
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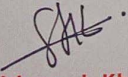
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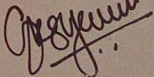
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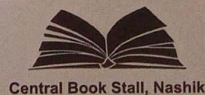
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**COMPARATIVE ANALYSIS OF SUNFLOWER OIL AND ITS
RANCID (HOUSEHOLD) OIL- LEAD CAUSE OF CVS DISEASE
AND VARIOUS RISK TO HUMAN BRAIN**

A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In Partial Fulfillment of Requirements for the Award of
Degree of
BACHELOR OF PHARMACY

BY
MR. SONAR AKSHAY KANTILAL

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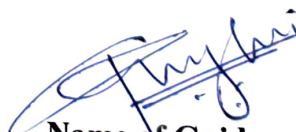


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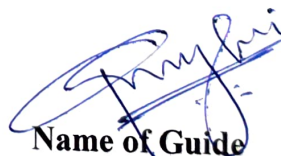


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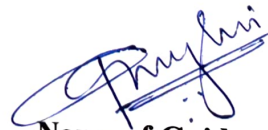


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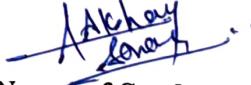


DECLARATION

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Name of Student

Mr. Sonar Akshay Kantilal



DECLARATION

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Place: **Nashik**

Gitika Bhavsar
Name of Student

Date: *16/4/24*

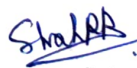
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Mr. Shah Romil Ratnapal



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Ms. Gadekar Rashmi Ravindra



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Place: **Nashik**

Name of Student

Date: **16/4/24**

Ms. Patil Laxmi Vinod

METORA-HERBAL ORGANIC MOUTHWASH

A DISSERTATION SUBMITTED TO SAVITRIBAI PHULE PUNE
UNIVERSITY, PUNE

IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE AWARD OF
DEGREE OF

BACHELOR OF PHARMACY

BY

Sr. No.	Name	Roll No.
1.	Siddesh Mohan Banate	2
2.	Ankush Vilas Bhagwat	4
3.	Om Bhagavan Nangare	51
4.	Jivan Anil Vanve	48
5.	Abhishek Anil Vanve	47

GUIDE

DR. SUNITA N. SURSE



BHUJBAL KNOWLEDGE CITY MET'S
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2023-24



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“METORA- HERBAL ORGANIC MOUTHWASH”** submitted in the partial fulfillment of the requirement for the degree of Bachelor of Pharmacy, Savitribai Phule Pune University, Pune was carried out in the laboratories of **MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2023-2024 by **Mr. Siddesh M Banate**, under the guidance and supervision of **Dr. Sunita N. Surse**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **19/04/2024**

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Mr. B. B. Pawar



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This dissertation is now ready for examination.

Place : Nashik.

Date: 19/04/2024

Dr. Sanjay. J. Kshirsagar

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Mr. C. B. Nangare



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Name of the student

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Mr. Ankush V Bhagwat

Mr. Om B Nangare

Mr. Jivan A Vanve

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ankush
Om
Jivan A
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Bonducella Rasayana

Crafting the ultimate use of Sagargoti Chyawanprash Formula

A Dissertation Submitted To

Savitribai Phule Pune University, Pune

In Partial Fulfillment of Requirements for the Award of Degree of

BACHELOR OF PHARMACY

BY

SR. NO.	NAME	ROLL NO.
1	ADITI DINESH HANDORE	13
2	SAKSHI SHIVAJI JANE	15
3	PRASAD ARUN GHUMARE	20
4	NITIN CHINTAMAN KHAMBAYAT	30

UNDER THE GUIDANCE OF

MR.SHUBHAM KHAIRNAR.



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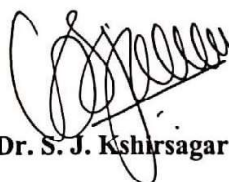
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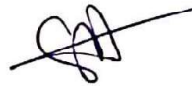
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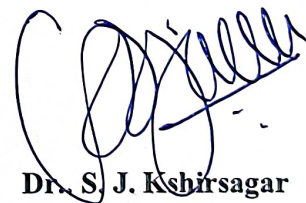
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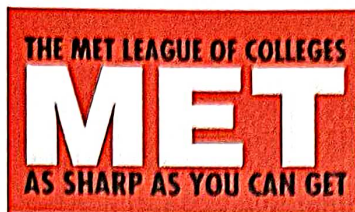
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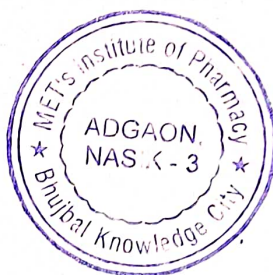
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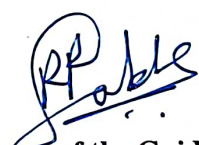
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Date: 18/4/2024




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Dr.Rahul Sable.

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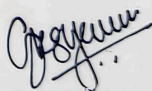
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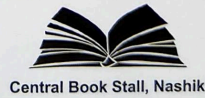
This is to certify that Dr/Mr/Ms/Mrs Sakshi Jagannath More
has actively participated and presented poster in **9th MET RXPLORE National Level Undergraduate Research Conference 2024** held at Bhujbal Knowledge City, MET's Institute of Pharmacy, Nashik on 23rd March 2024.


Mr. Shubham J. Khairnar
Event Co-ordinator


Dr. Anjali S. Tajanpure
Event Co-ordinator


Dr. S. J. Kshirsagar
Convenor

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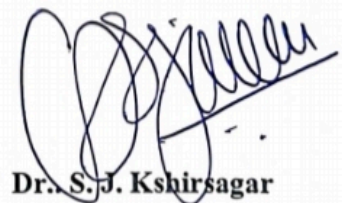
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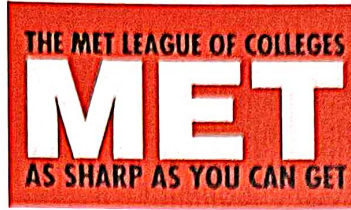
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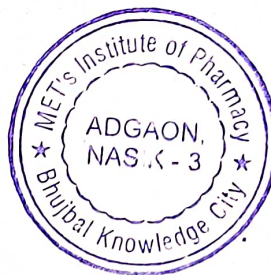
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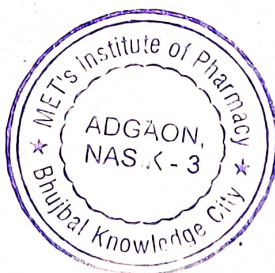
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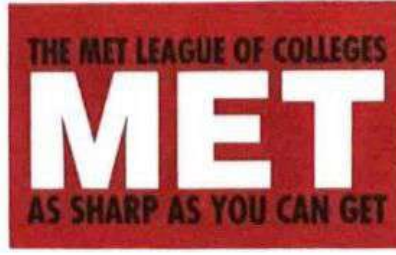
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Miss. Suchita Shirsath

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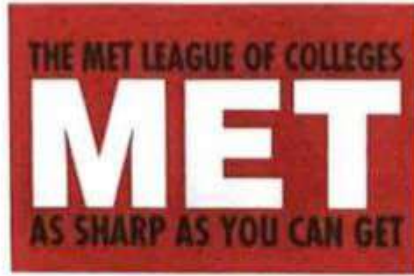


Dr. Sanjay. J. Kshirsagar

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Miss. Suchita Shirsath

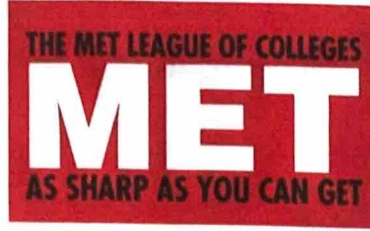
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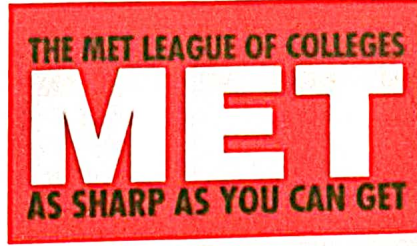
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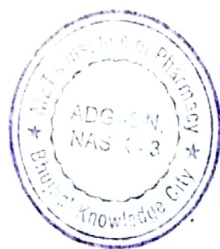
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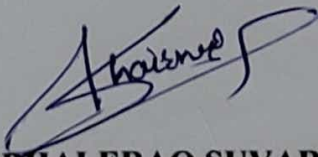


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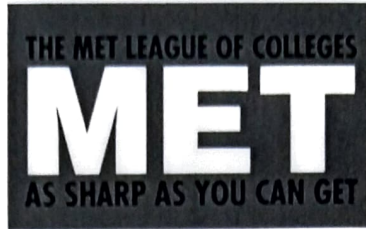
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Guide

**FORMULATION AND EVALUATION OF ANTI-ACNE HERBAL
CLEANSER**

**A Dissertation Submitted To
Savitribai Phule Pune University, Pune
In Partial Fulfilment of Requirements for the Award of Degree of
BACHELOR OF PHARMACY**

BY

Ms. Mayuri Yashwant Deore

GUIDE

Mr. R. T. Mogal



**BHUIBAL KNOWLEDGE CITY
MET's INSTITUTE OF PHARMACY**

ADGAON, NASHIK-422003

2023-2024



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Place: **Nashik**

Date: **08/04/2024**

Dr. S. J. Kshirsagar

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Ms. Mayuri Yashwant Deore

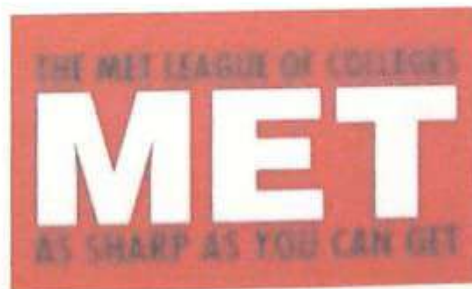
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**BY
Ms. Payal Deepak Aringale**

**GUIDE
Mr. R. T. Mogal**



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Ms. Payal Deepak Aringale

Name of the student

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Ms. Gayatri Vasant Watpade

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BY

Ms. Vaishnavi Eknath Chakor

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Ms. Vaishnavi Eknath Chakor

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***HERBAL SOFT LOZENGES:
A PROMISING APPROACH FOR
MANAGING DIABETES***

A Dissertation Submitted To

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In Partial Fulfillment of Requirements for the Award of Degree of

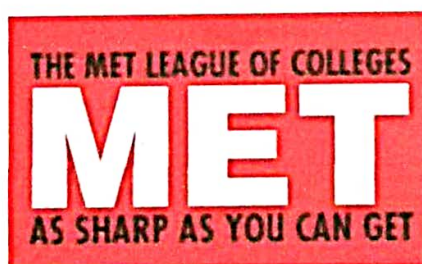
BACHELOR OF PHARMACY

BY

SR.NO.	NAME	ROLL.NO
1.	KHUSHBU SINGH	63
2.	SAYZIL JASROTIA	26

UNDER THE GUIDANCE OF

MRS. SHRADHA SANGLE



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Date: **18/04/24**



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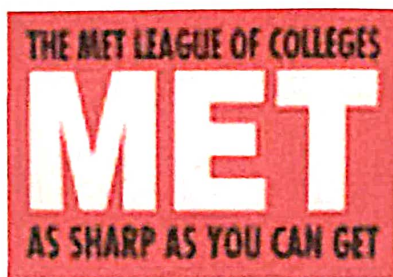
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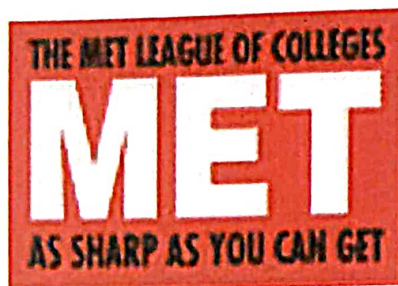
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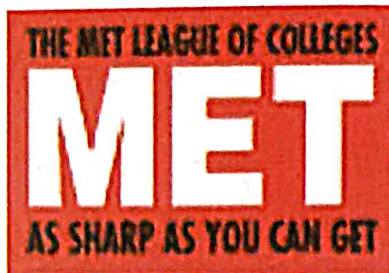
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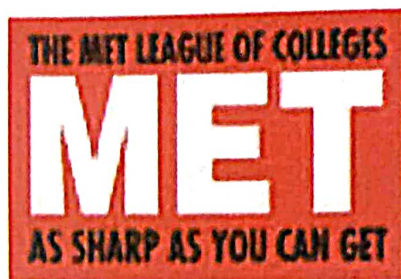
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Date: 16/4/24


Dr. Rani S. Kankate

*Department of Pharmaceutical
Chemistry*


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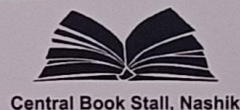
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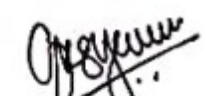
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Revolutionizing Type 2 Diabetes Care: Scientific Journey of fibre rich cookies made from Green Unripe Jackfruit & Sorghum Flour "

**A Dissertation Submitted To
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BACHELOR OF PHARMACY**

BY

**Ms. Anjali Dattatray Kshirsagar
Ms. Payal Vishram Patil
Mr. Tanishk Devidas Khairnar
Mr. Saurabh Arun Gangurde**

GUIDE

Dr. Rakesh U. Shelke



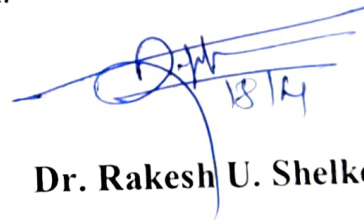
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Dr. Rakesh U. Shelke
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Place: **Nashik**

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CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **"Revolutionizing Type 2 Diabetes Care: Scientific Journey of fibre rich cookies made from Green Unripe Jackfruit & Sorghum Flour** submitted in the partial fulfillment of the requirement for the degree of Bachelor of Pharmacy, Savitribai Phule Pune University, Pune was carried out in the laboratories of **MET's institute of pharmacy, Bhujbal Knowledge city, Adgaon, Nashik 422003** during the academic year 2023-2024 by **Mr. Tanishk Devidas Khairnar**, under the guidance and supervision of **Dr. Rakesh U. Shelke**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **18/09/2024**



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