

**NAAC CRITERIA 01: Curricular Aspects**

**1.3 Curriculum Enrichment**

**DOCUMENT CODE: 1.3.4**

**Details of students undertaking research projects**

**CONTENTS**

<b>Sr. No</b>	<b>Particulars</b>	<b>Page No.</b>
<b>1.</b>	<b>Details of students undertaking Postgraduate Research Project (S Y M. Pharm) Students List</b>	<b>2</b>
<b>2.</b>	<b>Ph. D Research Scholar List</b>	<b>6</b>
<b>3.</b>	<b>Certificates of Postgraduate Research Project (S Y M. Pharm) Students</b>	<b>7</b>
<b>4.</b>	<b>University Registration Letter of Ph. D Research Scholars</b>	<b>111</b>

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

---

**M. Pharm Research Project 2020-21 List**

<b>Department: - Pharmaceutics</b>			
<b>S. N.</b>	<b>Name of the student</b>	<b>Title of the dissertation</b>	<b>Name of the Guide</b>
1.	Kharad Rahul	Formulation, development and evaluation of oral tablets for colon targeted drug delivery system	Dr. Sanjay Kshirsagar
2.	Shaikh Minhaz	Development of Orodispersible filmstrip by utilizing Hot melt extrusion and Solvent casting method followed by its evaluation for Canker Sore SR	Dr Sanjay J. Kshirsagar
3.	Mr. Vikas Hatekar	Synthesis and characterization of stavudine loaded mesoporous silica nanoparticles	Dr. M. P. Patil
4.	Ms. Gitanjali Galande	Development and evaluation of female intimate hygiene formulation.	Dr. M. P. Patil
5.	Priyanka Narote	Enhancement of solubility, dissolution profile of ritonavir using solid dispersion technique	Dr. M. P. Patil
6.	Ms. Neha Kapadnis	Formulation development and evaluation of topical cream containing phytoconstituents isolated from terminalia arjuna.	Dr. M. P. Patil
7.	Ms. Dokhale Ashwini Shantaram	Formulation development, evaluation and optimization of Tinospora cordifolia extract based nutraceutical for immunomodulatory activity	Dr Nilima Thombre
8.	Ms MayuriSalade	Formulation development and in vitro-in vivo evaluation of Withania somnifera root extract based nutraceutical chocolate	Dr Nilima Thombre
9.	Kadve Snehal	Formulation, Optimization & Evaluation Of Ritonavir Nanosuspension By Media Milling Technique	Dr.Smita P. Kakad
10.	Tejas Sukte	Formulation, optimization & evaluation of glimepiride nanosuspension by media milling technique	Dr.Smita P. Kakad

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

---

11.	Snehal Salunke	Isolation Of <i>Ocimum basilicum</i> Mucilage And Development Of Fast Disintegrating Tablet Using Model Drug Diclofenac Sodium	Dr Sapana Ahirrao
12.	Mayuri Thakor,	Solubility enhancement of febuxostat by solid dispersion technique	Dr Sapana Ahirrao
13.	Rohit Bhosale	Formulation and development of Curcumin suppositories	Dr Sapana Ahirrao
14.	Ashish Ahire	Green Synthesis of Ritonavir Cocrystal for Solubility Enhancement and In-line Evaluation.	Dr Sapana Ahirrao
15.	Miss Aishwarya Pabale	Solubility enhancement of metaxalone by solid dispersion technique using peg6000 and gelucire50/13	Dr Deepak Bhambere
16.	Miss Snehal Tidake	Formulation and characterization of bifonazole microemulsion based gel	Dr Deepak Bhambere
<b>Department: - Pharmaceutical Quality Assurance</b>			
17.	Mayuresh Burhade	Formulation,Design,Optimization and Evaluation of PPAR-Gamma agonist loaded in-situ gel for glaucoma.	Dr Sanjay J. Kshirsagar
18.	Atale Diksha Sharad	Formulation and Evaluation of Rosuvastatin calcium amd Vitamin D3 self Micro emulsifying Drug delivery system	Dr Sanjay J. Kshirsagar
19.	Vijay Pawar	Formulation and developement of fast disintegrating tablet of memantine hcl	Dr Sanjay J. Kshirsagar
20.	Mr. Danish A. Shaikh	“Formulation, Development And Evaluation Of Herbal Antifungal Cream By Using Psidium Guajava Leaf Extract”	Dr Nilima Thombre
21.	Ms. Aarya Kulkarni	Development and validation of HPLC method for estimation of Mebeverine HCl in bulk and tablet in presence of its 3,4-dimethoxybenzoic acid Impurity	Dr. S. S. Sonawane
22.	Ms. Prachi Khapre	Development and validation of HPLC method for estimation of Febuxostat in bulk and tablet in presence of its diacid impurity	Dr. S. S. Sonawane

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

---

23.	Ms. Namrata Magar	Development and validation of HPLC method for estimation of drug in bulk and tablet dosage form	Dr. S. S. Sonawane
24.	Ms. Sonam Mali	Development and validation of HPLC method for simultaneous estimation of Atenolol and chlorthalidone in bulk and tablet dosage form	Dr. S. S. Sonawane
25.	Prajakta Khade	Process optimization and validation of capsule shell preparation using <i>Eleusine coracana</i> seed powder	Dr G. S. Deokar
26.	Sakshi Gaikwad	Investigations on functional potentials of <i>Garden cress</i> seed components to determine its pharmaceutical and nutraceutical applicability	Dr G. S. Deokar
27.	Pooja Shinde	Investigations on functional potentials of <i>flaxseed</i> components to determine its pharmaceutical and nutraceutical applicability	Dr G. S. Deokar
28.	Surajsingh Pardeshi	Formulation and development of bio wash composition by utilizing saponins isolated form <i>Sapindus mukorassi</i>	Dr G. S. Deokar
29.	Ms. Khushbu Boraste	Development and Validation of RP-HPLC Method for Isolation, Identification and Estimation of bioactive marker in Ayurvedic Polyherbal tablet formulation.	Dr. Sunita N Surse
30.	Sonali Patil	Preparation and characterization of cafein loaded phytosomes	Dr Santosh S. Chhajed
31.	Atul Jadhav	Synthesis and characterization of venlafaxine loaded mesoporous silica nanoparticles	Dr Santosh S. Chhajed
<b>Department: - Pharmaceutical Chemistry</b>			
32.	Ms. Savita Jagtap	Synthesis and Pharmacological Evaluation of Some 1,5 Benzodiazepine derivatives	Dr. Dinesh Rishipathak
33.	Mr. Harshal Pawra	Synthesis and Evaluation for Anticonvulsant Activity of some 1,3,4-thiadiazole derivatives	Dr. Dinesh Rishipathak
34.	Miss Sampada Deshmukh	Synthesis, Characterization And Evaluation Of Cytotoxic Activity Of 2-Substituted Benzimidazole Derivatives	Dr.Rani Kankate



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

---

35.	Pratiksha Kadale	Design, Synthesis and characterization of 2-thioxothiazolidine-4ones in search of antidiabetic agent	Dr Santosh S. Chhaged
36.	Mr Shashank Jagtap	To develop and Validate RP-HPLC method for Dliclazide and Its Impurity	Dr Santosh S. Chhaged
37.	Mr.Vijay Gaikwad	Synthesis, characterization and Pharmacological evaluation of cytotoxic activity of 2,5-Disubstituted benzimidazole derivatives.	Dr.Rani Kankate
<b>Department: - Pharmacology</b>			
38.	Mr. Hemant Raut	valuation of Hepatoprotective and Nephroprotective effect of Salicyn on rats	Dr. Pavan B. Udavant
39.	Ms. Pragati Gurav	Evaluation of Hepatoprotective and Nephroprotective effect of alpha pinene on rats	Dr. Pavan B. Udavant
40.	Ms. Divya Tithe	Pharmacological Investigation of the Wound Healing Activity Of Tecuma unduleta Ointment in Swiss Albino Mice	Dr. Pavan B. Udavant
41.	Ms. Namrta Wade	Adaptogenic Effect of Isolated Fractions from Tecomella undulata bark In Acute And Chronic Stress Induced Experimental Animal Models	Dr. Neelam L. Dashputre
42.	Ms. Varsha Sandhan	To evaluate developmental and reproductive teratogenicity of some drugs in chick embryo model.	Dr. Neelam L. Dashputre
43.	Ms. Shubhangi Sukenkar	Evaluation of cardioprotective activity of Aphanamixis polystachya stem bark extract using Wistar rats	Dr. Neelam L. Dashputre

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

---

**Ph. D Research Project 2020-21 List**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Title of the dissertation</b>	<b>Name of the Guide</b>
1	Shirsath Yogeshwar Himmatrao	Development of Combinational Therapy for inflammatory bowel disease using colon targeted drug delivery system	Dr. Sanjay J. Kshirsagar
2	Kulkarni Kapil Sunil	Formulation Development and Evaluation of modified release bilayer tablet of Carvedilol phosphate and Lisinopril	Dr. Gitanjali S. Deokar
3	Shinde Yogita Akash	Investigations on functional prebiotic potential of natural seed components to determine their Pharmaceutical and nutraceutical applicability	Dr. Gitanjali S. Deokar
4	Saindane Harshata Bhaidas	Formulation Development and Evaluation of Novel Drug Delivery system of Antidiabetic Drugs	Dr. Nilima A. Thombre
5	Pagar Swati Appasaheb	Formulation Development and Evaluation of herbal novel drug delivery system for wound healing	Dr. Nilima A. Thombre



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Formulation, Development and Evaluation of oral tablet for colon targeted drug delivery system." submitted in the partial fulfilment 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. Kharad Rahul Dattatray, under the guidance and supervision of Dr. Sanjay J. Kshirsagar

This dissertation is now ready for examination.

Place: Nashik

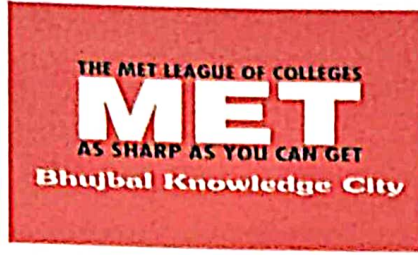
Date: 24/8/21

Dr. S.J. Kshirsagar

Principal

Bhujbal Knowledge City MET's Institute of Pharmacy

Nashik-422003



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of oral tablet for colon targeted drug delivery system .”** submitted in the partial fulfilment 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. Kharad Rahul Dattatray**, under the guidance and supervision of **Dr. S.J.kshirsagar**

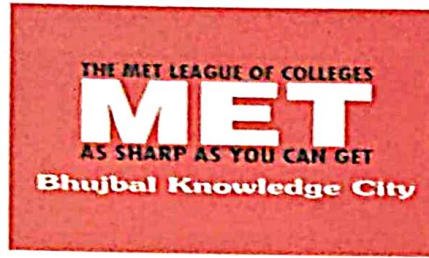
This dissertation is now ready for examination.

**Place:** Nashik

**Date:** 24/8/21

**Dr S.J. Kshirsagar**

Guide



## DECLARATION

I hereby declare that the dissertation entitled “**Formulation, Development and Evaluation of Oral Tablet for colon Targeted drug delivery system.**” 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. S.J. Kshirsagar**

**Kharad Rahul Dattatray**

Place: Nashik

Date: 24/08/2021



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development of Orodispersible filmstrip by utilizing Hot melt extrusion and Solvent casting method followed by its evaluation for Canker Sore SR”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, in the Faculty of Science and Technology, 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 2020-2021 by **Ms. Shaikh Minhaz**, under the guidance and supervision of **Dr. Sanjay Kshirsagar**

This dissertation is now ready for examination.

Place: **Nashik**

Date: 20/08/21

**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, **“Development of Orodispersible filmstrip by utilizing Hot melt extrusion and Solvent casting method followed by its evaluation for Canker Sore SR”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, in the Faculty of Science and Technology, 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 2020-2021 by **Ms. Shaikh Minhaz**, under the guidance and supervision of Dr. Sanjay Kshirsagar.

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. Sanjay Kshirsagar**

Date: 20/08/21

**Guide**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Characterization of Stavudine loaded Mesoporous Silica 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Vikas Madhukar Hatekar**, under the guidance and supervision of **Dr. Moreshwar P. Patil**.

This dissertation is now ready for examination.

Place: **Nashik**

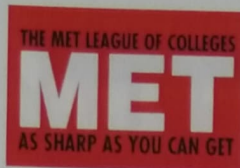
Date: **24/8/21**

**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, **“Synthesis and Characterization of Stavudine loaded Mesoporous Silica 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Vikas Madhukar Hatekar**, under the guidance and supervision of **Dr. Moreswar P. Patil**.

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. Moreswar P. Patil**

Date: **24/08/2021**

**Guide**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of Soya milk based clotrimazole vaginal wash”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Gitanjali Bhimraj Galande**, under the guidance and supervision of **Dr. M.P.Patil**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/8/22**

**Dr. S. J. Kshirsagar**

**Principal**

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

## CERTIFICATE

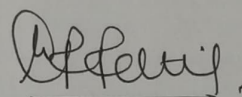


This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of Soya milk based clotrimazole vaginal wash”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune was carried out in the laboratories of **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Gitanjali Bhimraj Galande**, under the guidance and supervision of **Dr.M.P.Patil** .

This dissertation is now ready for examination.

Place: **Nashik**

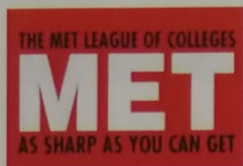
Date: 24/08/2021 .



**Dr.M.P.Patil**

**Guide**

Pharmaceutics  
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, **“Enhancement Of Solubility, Dissolution Profile Of Ritonavir Using Solid Dispersion 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2021-2022 by **Ms.Priyanka Ramkrishna Narote**, under the guidance and supervision of **Dr. Moreshwar Patil**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **18/2/22**

**Dr. S. J. Kshirsagar**

**Principal**

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

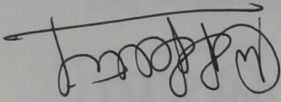


Date: 18/2/22

Place: Nashik

Dr. Moreshtar Patil.

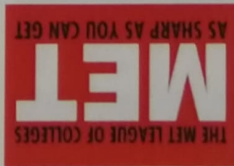
Guide



This is to certify that the research work presented in this dissertation entitled, "Enhancement Of Solubility, Dissolution Profile Of Ritonavir Using Solid Dispersion 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 MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003 during the academic year 2021-2022 by, Ms.Priyanka Ramkrishna Narote, under the guidance and supervision of Dr. Moreshtar Patil.

This dissertation is now ready for examination.

CERTIFICATE





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development and Evaluation of Topical Preparation Containing Extract of *Terminalia Arjuna*”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Neha Nandkishor Kapadnis**, under the guidance and supervision of **Dr. Moreshwar.P.Patil**.

This dissertation is now ready for examination.

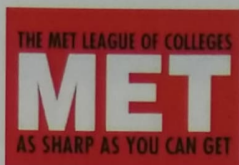
**Dr. S. J. Kshirsagar**

**Principal**

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

Place: **Nashik**

Date: **24/8/21**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of Topical Preparation Containing Extract of *Terminalia Arjuna*”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Neha Nandkishor Kapadnis**, under the guidance and supervision of **Dr.Moreshwar.P.Patil .**

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. Moreshwar P. Patil**

Date: **24/08/2021**

**Guide**

Pharmaceutics

Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003



## DECLARATION

I hereby declare that the dissertation entitled "Formulation development, evaluation, and optimization of *Tinospora cordifolia* extract based nutraceutical for immunomodulatory 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. Nilima A. Thombre This dissertation is now ready for examination.

Place:Nashik

Date: 14/03/2022

Dr.Nilima Thombre

Research guide

Bhujbal Knowledge City

MET's Institute of Pharmacy,

Adgaon,Naashik-422003





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Development And Evaluation Of Nutraceutical Dosage Form Using *Withaniasomnifera* Root Extract”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Mayuri Shankar Salade**, under the guidance and supervision of **Dr. Nilima A. Thombre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20-8-2021**

A handwritten signature in blue ink, appearing to read "Nilima A. Thombre", is written over a horizontal line.

**Dr. Nilima A. Thombre**

**Guide**

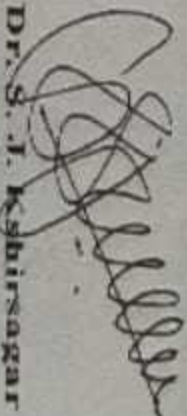


### CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **"Formulation, Optimization & Evaluation of Ritonavir Nanosuspension by Media Milling 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 **MEET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Snehal Dhunaji Khandave**, under the guidance and supervision of **Mrs. Smrta J. Kakad**.  
This dissertation is now ready for examination.

Place: Nashik

Date: 20/8/21



**Dr. S. J. Kshirsagar**  
Principal

Bhujbal Knowledge City  
MEET's Institute of Pharmacy,  
Adgaon, Nashik- 422 003





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Optimization & Evaluation of Ritonavir Nanosuspension by Media Milling 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 MIEET's Institute of Pharmacy, **Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Snehal Dhanaji Kadave**, under the guidance and supervision of Mrs. **Smita P. Kakad**. This dissertation is now ready for examination.

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

Mrs. Smita P. Kakad

Guide

Place: **Nashik**

Date: **24-08-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development, Optimization And Evaluation Of Glimperidde Nanosuspension For Solubility Enhancement”** 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 **MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Tejas Damodar Sakte**, under the guidance and supervision of **Dr. Smrita P. Kakad**

This dissertation is now ready for examination.

**Dr. S. J. Kshirsagar**  
**Principal**

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

Place: **Nashik**

Date: **24/8/22**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **"Formulation, Development, Optimization And Evaluation Of Cilmepiride Nanosuspension For Solubility Enhancement"** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune was carried out in the laboratories of MIET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003 during the academic year 2020-2021 by Mr. Tejas Dhanodhar Sukre, under the guidance and supervision of Dr. Smrita P. Kakad.

This dissertation is now ready for examination.

Place: Nashik

Date: 24/8/21

Dr. Smrita P. Kakad  
Guide





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Isolation Of *Ocimum basilicum* Mucilage And Development Of Fast Disintegrating Tablet Using Model Drug Diclofenac Sodium”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. Snehal Fulchand Salunke, under the guidance and supervision of **Dr.S.P.Ahirrao**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **23/08/2021**

  
**Dr.S.P.Ahirrao**

**Guide**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Isolation Of *Ocimum basilicum* Mucilage And Development Of Fast Disintegrating Tablet Using Model Drug Diclofenac Sodium”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Snehal Fulchand Salunke**, under the guidance and supervision of **Dr. S.P. Ahirrao**.

This dissertation is now ready for examination.

**Dr. S. J. Kshirsagar**

**Principal**

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

Place: **Nashik**

Date: **24/8/2021**



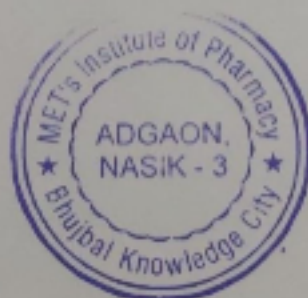
## CERTIFICATE

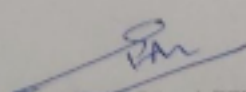
This is to certify that the research work presented in this dissertation entitled, **“SOLUBILITY ENHANCEMENT OF FEBUXOSTAT BY SOLID DISPERSION TECHNIQUE”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, 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 2020-2021 by Ms. **MAYURI DINESHSINGH THAKOR**, under the guidance and supervision of **Dr.SAPANA AHIRRAO**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/08/2021**

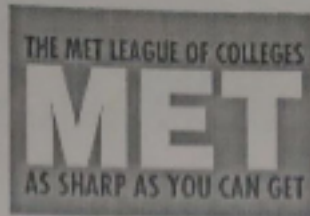


  
**Dr. SAPANA AHIRRAO**

**Guide**



2020-2021



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“SOLUBILITY ENHANCEMENT OF FEBUXOSTAT BY SOLID DISPERSION TECHNIQUE”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, 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 2020-2021 by Ms. **MAYURI DINESHSINGH THAKOR**, under the guidance and supervision of **Dr.SAPANA AHIRRAO**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/08/2021**



**Dr. S. J. Kshirsagar**

**Principal**

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

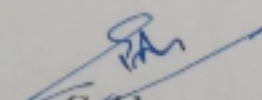
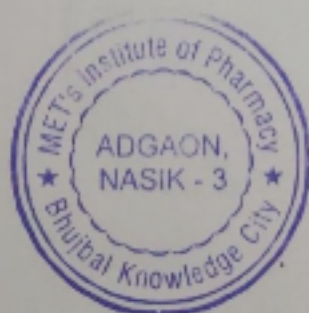


## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and development of Curcumin suppositories”** submitted in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics), in 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. Rohit Bhosale**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**. This dissertation is now ready for examination.

**Place: Nashik**

**Date: 24/08/2024**



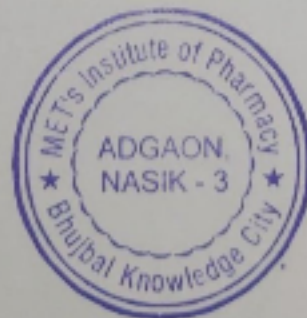
Guide

**Dr. Sapana P. Ahirrao**  
**Dept. of Pharmaceutics**  
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 Curcumin suppositories”** submitted in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics), in 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. Rohit Bhosale**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**. This dissertation is now ready for examination.



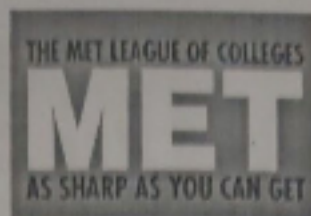
**Dr. S. J. Kshirsagar**

Place: **Nashik**

Date: **24/08/2021**

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





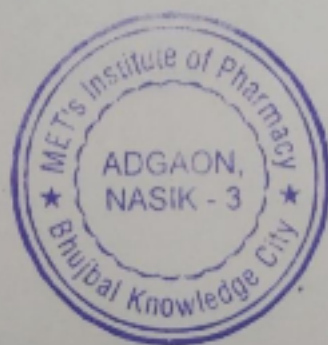
## CERTIFICATE

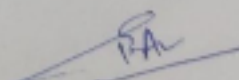
This is to certify that the research work presented in this dissertation entitled, **“GREEN SYNTHESIS OF RITONAVIR COCRYSTAL FOR SOLUBILITY ENHANCEMENT AND IN-LINE EVALUATION”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune was carried out in the laboratories of **MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Aashish Ratan Ahire**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**.

This dissertation is now ready for examination.

Place: **Nashik**

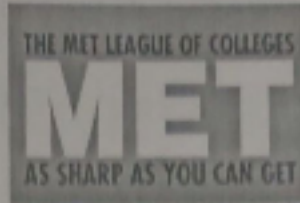
Date: **24/08/2024**



  
**Dr. Sapana P. Ahirrao**

**Guide**

Bhujbal Knowledge City  
MET's Institute of Pharmacy,  
Aadgaon, Nashik- 422 003



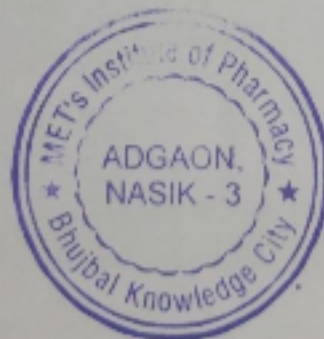
## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“GREEN SYNTHESIS OF RITONAVIR COCRYSTAL FOR SOLUBILITY ENHANCEMENT AND IN-LINE EVALUATION”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Aashish Ratan Ahire**, under the guidance and supervision of **Dr. Sapana P. Ahirrao**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/08/2021**



**Dr. S. J. Kshirsagar**

**Principal**

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

**SOLUBILITY ENHANCEMENT OF METAXALONE BY  
SOLID DISPERSION TECHNIQUE USING PEG6000  
AND GELUCIRE50/13**

**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. AISHWARYA DILIP PABLE**

**GUIDE**

**Dr. DEEPAK S. BHAMBERE**



**BHUJBAL KNOWLEDGE CITY  
MET's INSTITUTE OF PHARMACY  
ADGAON, NASHIK-422 003**

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Solubility Enhancement of Metaxalone by Solid Dispersion Technique using PEG6000 and Gelucire50/13”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Miss. **Aishwarya Dilip Pable**, under the guidance and supervision of **Dr. Deepak S. Bhambere**. This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/8/21**

**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, **“Solubility Enhancement of Metaxalone by Solid Dispersion Technique using PEG6000 and Gelucire50/13”** 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 **MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Aishwarya Dilip Pable**, under the guidance and supervision of **Dr. Deepak S. Bhambere**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/8/21**

**Dr. Deepak S. Bhambere**

Guide

Department of Pharmaceutics

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 And Characterization Of Bifonazole Micro emulsion Based Gel Along With Skin Irritation Test On Animal Model”** submitted in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics), in 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. **Snehal Tidake**, under the guidance and supervision of **Dr. Deepak S. Bhambere**. This dissertation is now ready for examination.

Place: Nashik

Date:



**PRINCIPAL**  
MET's Institute of Pharmacy,  
Bhujbal Knowledge City,  
Adgaon, NASHIK-422 003.

**Dr. S. J. Kshirsagar**

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 Characterization Of Bifonazole Micro emulsion Based Gel Along With Skin Irritation Test On Animal Model”** submitted in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy (Pharmaceutics), in 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. Snehal Tidake**, under the guidance and supervision of **Dr. Deepak S. Bhambere**. This dissertation is now ready for examination.

**Place: Nashik**

**Date:**



**Guide**

**Dr. Deepak S. Bhambere**  
**Dept. of Pharmaceutics**  
**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, Design, Optimization and Evaluation of PPAR-Gamma Agonist loaded In-Situ Gel for Glaucoma" 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 MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003 during the academic year 2020-2021 by Mr. Mayuresh Atul Burhade, under the guidance and supervision of Dr. S. J. Kshirsagar

This dissertation is now ready for examination.

Place: Nashik

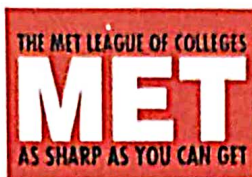
Date: 20/Sept/2021

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

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, Design, Optimization and Evaluation of PPAR-Gamma Agonist loaded In-Situ Gel for Glaucoma**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, 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 2020-2021 by Mr. Mayuresh Atul Burhade, under the guidance and supervision of Dr. S. J. Kshirsagar.

This dissertation is now ready for examination.

Place: Nashik

Date: 20/Sept/2021

Dr. S. J. Kshirsagar

Guide



## DECLARATION

I hereby declare that the dissertation entitled “**Formulation, Design, Optimization and Evaluation of PPAR-Gamma Agonist loaded In-Situ Gel for Glaucoma**” 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 2020-2021 under the guidance and supervision of Dr. S. J. Kshirsagar.

Place: Nashik

Date: 20/Sept/2021

Mr. Mayuresh Atul Burhade,

THE MET LEAGUE OF COLLEGES  
**MET**  
AS SHARP AS YOU CAN GET

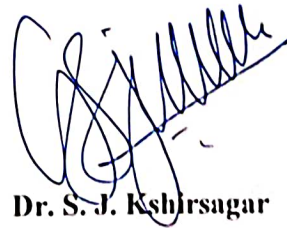
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Formulation and Evaluation of Rosuvastatin Calcium and Vitamin D3 Self Micro-Emulsifying Drug Delivery System**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Diksha Sharad Atale**, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/8/21**



**Dr. S. J. Kshirsagar**

**Principal**

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



THE MET LEAGUE OF COLLEGES  
**MET**  
AS SHARP AS YOU CAN GET

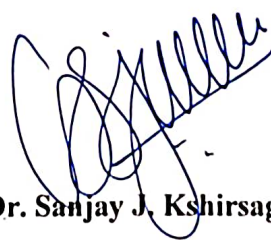
**CERTIFICATE**

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Evaluation of Rosuvastatin Calcium and Vitamin D3 Self Micro-Emulsifying Drug Delivery System”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Diksha Sharad Atale**, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/8/21**



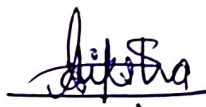
**Dr. Sanjay J. Kshirsagar**

**Research Guide**

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

## DECLARATION

I hereby declare that the dissertation entitled “**FORMULATION AND EVALUATION OF ROSUVASTATIN CALCIUM AND VITAMIN D3 SELF MICRO-EMULSIFYING DRUG DELIVERY SYSTEM**” 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 2020-2021 under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**.



**Miss. Diksha Sharad Atale**

Place: **Nashik**

Date: **20/8/21**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and development of fast disintegrating tablet of memantine hcl”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, in the Faculty of Science and Technology, 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 2020-2021 by **Mr. Vijay Pawar**, under the guidance and supervision of **Dr. Sanjay Kshirsagar**

This dissertation is now ready for examination.

Place: **Nashik**

Date: 20/08/21

**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 and developement of fast disintegrating tablet of memantine hcl”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, in the Faculty of Science and Technology, 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 2020-2021 by Mr. Vijay Pawar, under the guidance and supervision of Dr. Sanjay Kshirsagar.

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. Sanjay Kshirsagar**

Date: 20/08/21

**Guide**



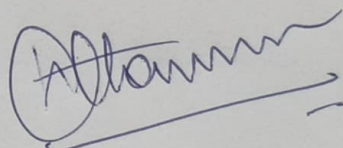
### CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation development and evaluation of herbal antifungal cream by using *Psidium guajava* leaf extract”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Danish Adil Akhtar Shaikh**, under the guidance and supervision of **Dr. Nilima A. Thombre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/08/2021**



**Dr. Nilima A. Thombre**

**Research Guide**

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 HPLC Method for Estimation of Mebeverine HCL in in bulk and tablet in Presence of 3,4-dimethoxybenzoic acid Impurity”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Arya Mukund Kulkarni**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/8/21**

**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 HPLC Method for Estimation of Mebeverine HCL in in bulk and tablet in Presence of 3,4-dimethoxybenzoic acid Impurity”** 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 MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003 during the academic year 2020-2021 by Ms. Arya Mukund Kulkarni, under the guidance and supervision of Dr. Sandeep S. Sonawane.

This dissertation is now ready for examination.

Place: Nashik

Date: 25/08/21

Dr. Sandeep S. Sonawane

Research Guide

Bhujbal Knowledge City

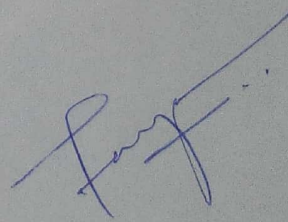
MET’s Institute of pharmacy,

Adgaon, Nashik-422003



## DECLARATION

I hereby declare that the dissertation entitled "DEVELOPMENT AND VALIDATION OF HPLC METHOD FOR ESTIMATION OF MEBEVERINE HCL IN IN BULK AND TABLET IN PRESENCE OF 3,4-DIMETHOXYBENZOIC ACID IMPURITY" 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 2020-2021 under the guidance and supervision of Dr.Sandeep S. Sonawane

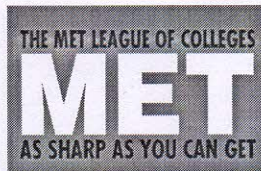


Place: Nashik

Ms. ARYA MUKUND KULKARNI

Date: 25/08/21





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Development and validation of HPLC method for estimation of Febuxostat in bulk and tablet in presence of its diacid impurity**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Prachi Khapare** , under the guidance and supervision of **Dr. Sandeep S. Sonawane**.

This dissertation is now ready for examination.

Place: Nashik

Date: 25/08/2021

**Dr. Sandeep S. Sonawane**

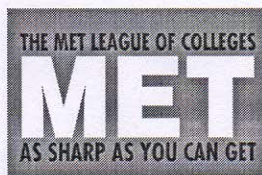
**Research Guide**

Bhujbal Knowledge City

MET’s Institute of pharmacy,

Adgaon, Nashik-422003





2019-2021

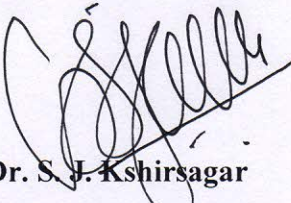
## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and validation of HPLC method for estimation of drug in bulk and tablet dosage form”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Namrata Magar**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**

This dissertation is now ready for examination.

Place: **Nashik**

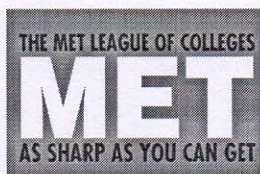
Date: **25/08/2021**



**Dr. S. J. Kshirsagar**  
**Principal**

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





2019-2021

## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Development and validation of HPLC method for estimation of Febuxostat in bulk and tablet in presence of its diacid impurity**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Prachi Khapare**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**

This dissertation is now ready for examination.

Place: Nashik

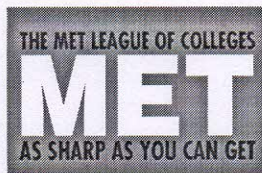
Date: 25/08/2021

**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 HPLC method for estimation of drug in bulk and tablet dosage form**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Namrata Magar**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **28/08/2021**

**Dr. Sandeep S. Sonawane**

**Research Guide**

Bhujbal Knowledge City

MET’s Institute of pharmacy,

Adgaon, Nashik-422003



THE MET LEAGUE OF COLLEGES  
**MET**  
AS SHARP AS YOU CAN GET

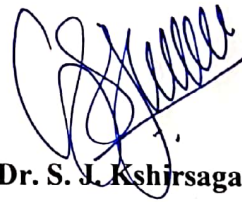
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Development and validation of HPLC method for simultaneous estimation of Atenolol and Chlorthalidone in bulk and tablet dosage form**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Sonam Vasant Mali**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/08/21**



**Dr. S. J. Kshirsagar**

**Principal**

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

THE MET LEAGUE OF COLLEGES  
**MET**  
AS SHARP AS YOU CAN GET

**CERTIFICATE**

This is to certify that the research work presented in this dissertation entitled, “**Development and validation of HPLC method for simultaneous estimation of Atenolol and Chlorthalidone in bulk and tablet dosage form**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Sonam Vasant Mali**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/08/2021**



**Dr. Sandeep S. Sonawane**

**Research Guide**

Bhujbal Knowledge City

MET’s Institute of pharmacy,

Adgaon, Nashik-422003

**“FORMULATION OPTIMIZATION AND EVALUATION OF FUNCTIONAL FILM  
MATRIX PREPARATION USING GERMINATED *ELEUSINE CORACANA* SEED  
POWDER”**

**A Dissertation Submitted To**

**Savitribai Phule Pune University, Pune**

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

**MASTER OF PHARMACY**

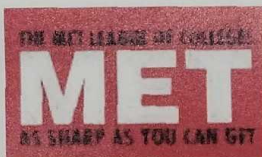
**IN**

**SPECIALIZATION**

**QUALITY ASSURANCE TECHNIQUES**

**BY**

**MS. PRAJAKTA SITARAM KHADE**



**GUIDE**

**DR. GITANJALI S. DEOKAR**

**BHUJBAL KNOWLEDGE CITY  
MET's INSTITUTE OF PHARMACY  
ADGAON, NASHIK-422 003**

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Formulation Optimization and Evaluation of Functional Film Matrix Preparation Using Germinated *Eleusine Coracana* Seed Powder**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Prajakta Sitaram Khade**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/08/2021**

**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 Optimization and Evaluation of Functional Film Matrix Preparation Using Germinated *Eleusine Coracana* Seed Powder**” 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 MET’s **Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Prajakta Sitaram Khade**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 21/08/2021

A handwritten signature in blue ink, appearing to read "G. Deokar", is written over the printed name.

**Dr. Gitanjali S. Deokar**

**Guide**



## DECLARATION

I hereby declare that the dissertation entitled “**Formulation Optimization and Evaluation of Functional Film Matrix Preparation Using Germinated *Eleusine Coracana* Seed Powder**” 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 2020-2021 under the guidance and supervision of Dr. Gitanjali S. Deokar.

**Ms. Prajakta Sitaram Khade**

Place: **Nashik**

Date: 21/08/2021



**“INVESTIGATION ON FUNCTIONAL POTENTIAL OF  
GARDEN CRESS SEED COMPONENT TO DETERMINE  
ITS PHARMACEUTICAL & NUTRACEUTICAL  
APPLICABILITY”**

**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 TECHNIQUES**

**In Faculty of Science and Technology**

**BY**

**SAKSHI SANTOSH GAIKWAD**

**Guide**

**DR. GITANJALI S. DEOKAR**



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



2019-2021

## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Investigation On Functional Potential Of Garden Cress Seed Component To Determine Its Pharmaceutical & Nutraceutical Applicability" 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 MET's Institute of Pharmacy, Bhubal Knowledge City, Adgaon, Nashik 422003 during the academic year 2020-2021 by Ms. Sakshi Santosh Gaikwad, under the guidance and supervision of Dr. Gitanjali S. Deokar

This dissertation is now ready for examination.

Place: Nashik

Date:

Dr. S. J. Kshirsagar

Principal

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



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Investigation On Functional Potential Of Garden Cress Seed Component To Determine Its Pharmaceutical & Nutraceutical Applicability”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Sakshi Santosh Gaikwad**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**

This dissertation is now ready for examination.

Place: **Nashik**

Date:

  
**Dr. Gitanjali S. Deokar**

**Research Guide**

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



## DECLARATION

I hereby declare that the dissertation entitled "INVESTIGATION ON FUNCTIONAL POTENTIAL OF GARDEN CRESS SEED COMPONENT TO DETERMINE ITS PHARMACEUTICAL & NUTRACEUTICAL APPLICABILITY" 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 2020-2021 under the guidance and supervision of

**Dr. Gitanjali S. Deokar.**

Place: **Nashik**

Date: 18/9/2024

S S Gaiwad  
18-9-2024  
Ms. SAKSHI SANTOSH GAIKWAD

**“INVESTIGATIONS ON FUNCTIONAL POTENTIAL OF  
FLAXSEED COMPONENT TO DETERMINE ITS  
PHARMACEUTICAL AND NEUTRACEUTICAL  
APPLICABILITY”**

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

**MASTER OF PHARMACY**

**IN**

**QUALITY ASSURANCE TECHNIQUES**

**In Faculty of Science and Technology**

**BY**

**POOJA ARJUN SHINDE**

**GUIDE**

**Dr. G S. DEOKAR**



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

**2018-2020**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Investigations on Functional Potentials of Flaxseed Components to Determine its Pharmaceutical and Nutraceuticals Applicability”** 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 **Ms. Pooja Arjun Shinde**, under the guidance and supervision of **Dr. G S. Deokar**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/08/2021**

**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, **“Investigations on Functional Potentials of Flaxseed Components to Determine its Pharmaceutical and Nutraceuticals Applicability”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, Quality assurance technique, 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. Pooja Arjun Shinde**, under my guidance and supervision.

This dissertation is now ready for examination.

Place: Nashik

Date: 20/08/2021

**Dr. G S. Deokar**

**Guide**

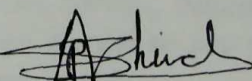


## DECLARATION

I hereby declare that the dissertation entitled “**Investigations on Functional Potentials of Flaxseed Components to Determine its Pharmaceutical and Nutraceuticals Applicability**” 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 **Guide Dr. G S. Deokar.**

Place: **Nashik**

Date: **20/08/2021**

  
**Pooja Arjun Shinde**

**“Formulation and development of Biowash Composition by  
utilizing saponins & Proteins isolated from *Sapindus  
Mukorassi & Moringa oleifera*”**

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

**MASTER OF PHARMACY**

**IN**

**QUALITY ASSURANCE TECHNIQUES**

**In Faculty of Science and Technology**

**BY**

**Mr. Surajsingh A. Pardeshi**

**GUIDE**

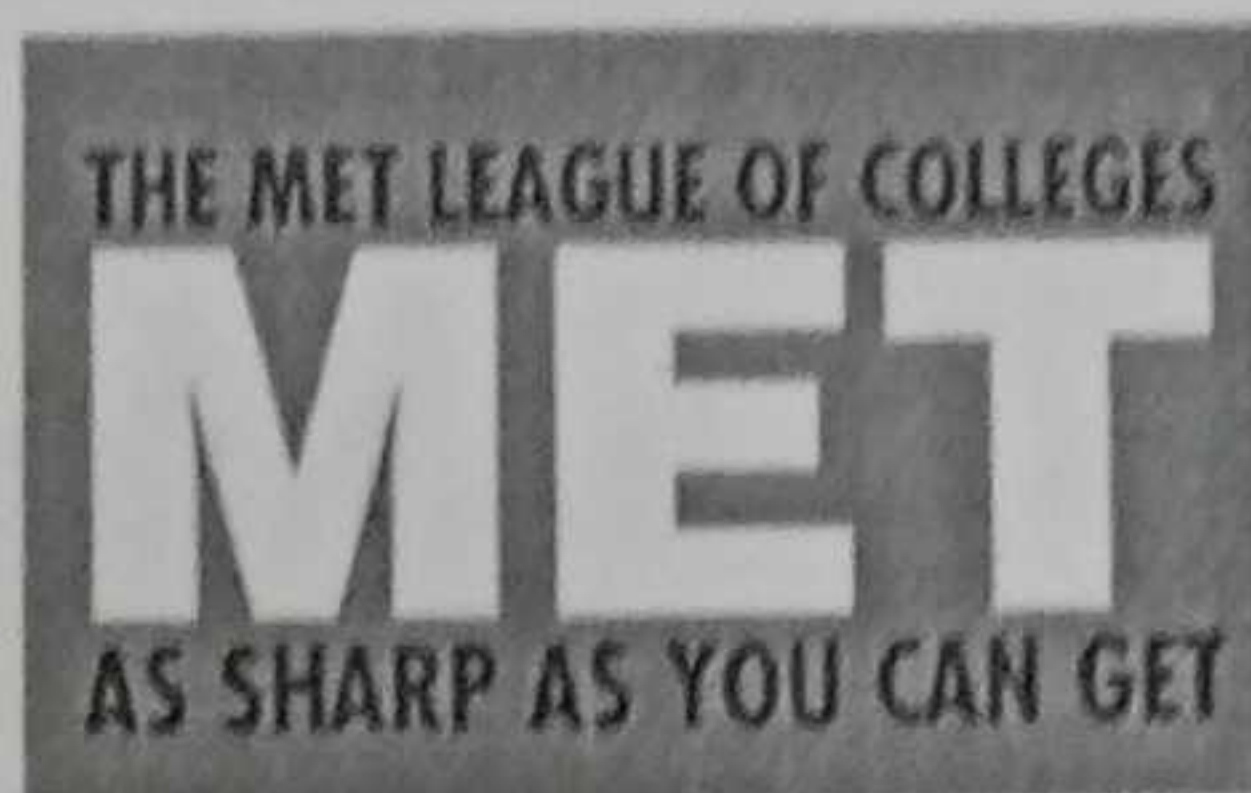
**Dr. G S. DEOKAR**



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

**2018-2020**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled,  
**“Formulation and development of Biowash Composition by utilizing saponins & Proteins isolated from *Sapindus Mukorassi* & *Moringa oleifera*”**

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. Surajsingh A. Pardeshi**, under the guidance and supervision of **Dr. G S. Deokar**.

This dissertation is now ready for examination.

Place: Nashik

Date: 20/8/21

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 Biowash Composition by utilizing saponins & Proteins isolated from *Sapindus Mukorassi* & *Moringa oleifera*”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, Quality assurance technique, 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. Surajsingh A. Pardeshi**, under my guidance and supervision.

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. G S. Deokar**

Date: 28/08/2021

**Guide**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Standardization And Quantitative Estimation of Active Biomarker from Polyherbal Formulation by RP- HPLC Method”** 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 MET's **Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003**, during the academic year 2020-2021, by **Ms. Khushabu Chandrabhan Boraste**, under the guidance and supervision of **Dr. Sunita Narendra Surse**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 24/8/21

**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, **“PREPARATION AND CHARACTERIZATION OF CAFFEINE LOADED PHYTOSOMES ”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Patil Sonali Ravindra**, under the guidance and supervision of **Dr. Santosh S. Chhajed**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: 18/08/21

**Dr. S. J. Kshirsagar**

**Principal**

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



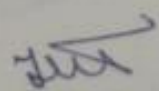
## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“PREPARATION AND CHARACTERIZATION OF CAFFEINE LOADED PHYTOSOMES ”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Patil Sonali Ravindra**, under the guidance and supervision of **Dr. Santosh S. Chhajed**.

This dissertation is now ready for examination.

Place: Nashik

Date: 18/8/21

  
Name of the Guide

Dr. S. S. Chhajed



## DECLARATION

I hereby declare that the dissertation entitled **“PREPARATION AND CHARACTERIZATION OF CAFFEINE LOADED PHYTOSOMES ”** 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 2020-2021 under the guidance and supervision of **Dr. Santosh S. Chhajed.**

Place: **Nashik**

Date: 18/8/21

Name of the student

Patil Sonali Ravindra





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis And Characterization Of Venlafaxine Loaded Mesoporous Silica Nanoparticles”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy, Pharmaceutical 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. Atul Devchand Jadhav**, under the guidance and supervision of **Dr. S. S. Chhajed**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20-08-2021**

**Dr. S. J. Kshirsagar**

**Principal**

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

## DECLARATION

I hereby declare that the dissertation entitled "synthesis and characterization of venlafaxine loaded mesoporous silica 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 Guide Dr. S. S. Chhajed.

*Atul Jadhav*

Atul Devchand Jadhav

Place: Nashik

Date: 20.8.2024



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Pharmacological Evaluation of Some 1,5-Benzodiazepine 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2019-2021 by Ms. **Savita B. Jagtap**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 24/8/21--

**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, **“Synthesis and Pharmacological Evaluation of Some 1,5-Benzodiazepine 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Savita Bhusaheb Jagtap**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

  
**Dr. Dinesh D. Rishipathak.**

Date: 24/8/21

**Guide**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Evaluation for Anticonvulsant Activity of Some 1,3,4-Thiadiazole 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Harshal Rajaram Pawara** under the guidance and supervision of **Dr. Dinesh D. Rishipathak**

This dissertation is now ready for examination.

Place: Nashik

Date: 24/8/21

  
Dr. Dinesh D. Rishipathak

Guide



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis and Evaluation for Anticonvulsant Activity of Some 1,3,4-Thiadiazole 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Harshal Rajaram Pawara**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**

This dissertation is now ready for examination.

Place: Nashik

Date: 24/8/21

**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, **“Synthesis, characterization and evaluation of cytotoxic activity of 2-substituted benzimidazole”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Sampada Laxman Deshmukh**, under the guidance and supervision of **Dr. Rani S. Kankate**.  
This dissertation is now ready for examination.

Place: Nashik

Date: 20/8/21

**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, **“Synthesis, characterization and evaluation of cytotoxic activity of 2-substituted benzimidazole”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Sampada Laxman Deshmukh**, under the guidance and supervision of **Dr. Rani S. Kankate**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/08/2021**

**Dr. Rani S. Kankate**

**Guide**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Design, Synthesis and Characterization of 2-thioxothiazolidin-4-one in the search of antidiabetic agents." submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Pharmaceutical Sciences, SavitribaiPhule Pune University, Pune was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Ms.Pratiksha B. kadale, under the guidance and supervision of Dr. Santosh S. Chhajed.

This dissertation is now ready for examination.

Place: Nashik

Date: 20/8/21



Dr. S. J. Kshirsagar

Principal

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





## CERTIFICATE

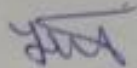
This is to certify that the research work presented in this dissertation entitled, "Design, Synthesis and Characterization of 2-thioxothiazolidin-4-one in the search of antidiabetic agents." submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), 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 Ms. Pratiksha B. Kadale, under the guidance and supervision of Dr. Santosh S. Chhajed.

This dissertation is now ready for examination.

Place: Nashik

Date: 20/8/21



  
Dr. Santosh S. Chhajed

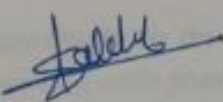
Guide

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

## DECLARATION

I hereby declare that the dissertation entitled "Design, Synthesis and Characterization of 2-thioxothiazolidin-4-one in the search of antidiabetic agents." 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**

  
**Ms. Pratiksha B. Kadale**

Date: **20/8/21**



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“To Develop and Validate RP-HPLC method for Gliclazide and It’s Synthetic Impurity”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik-422003** during the academic year 2020-2021 by **Mr. Shashank Sharad Jagtap**, under the guidance and supervision of **Dr. Santosh S. Chhajed**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **18/08/2021**

**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, “**To Develop and Validate RP-HPLC method for Gliclazide and It’s Synthetic Impurity**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Shashank Sharad Jagtap**, under the guidance and supervision of **Dr. Santosh S. Chhajed**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: 18/08/2021

**Dr. Santosh S. Chhajed**

**Guide**

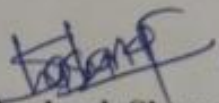


## DECLARATION

I hereby declare that the dissertation entitled **“To Develop and Validate RP-HPLC method for Gliclazide and It’s Synthetic Impurity”** 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 2020-2021 under the guidance and supervision of **Dr. Santosh S. Chhajed**.

Place: **Nashik**

Date: **18/08/2021**

  
Mr. Shashank Sharad Jagtap



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis, characterization and Pharmacological evaluation of cytotoxic activity of 2,5-Disubstituted Benzimidazole derivatives”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in Faculty of Pharmaceutical Sciences, University of Pune, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. VIJAY BABAN GAIKWAD**, under the guidance and supervision of **Dr. Rani S. Kankate**. This dissertation is now ready for examination.

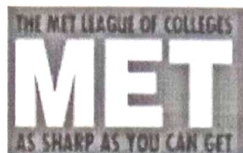
Place: **Nashik**

Date: **20/8/21**

**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, **“Synthesis, characterization and Pharmacological evaluation of cytotoxic activity of 2,5-Disubstituted benzimidazole derivatives”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in Faculty of Pharmaceutical Sciences, University of Pune, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. VIJAY BABAN GAIKWAD** under our guidance and supervision. This dissertation is now ready for examination.

Place: *Nashik*

Date: *20/8/21*



**Guide**

Dr. Rani S. Kankate  
Dept. of Pharmaceutical Chemistry  
Bhujbal Knowledge City,  
MET’s Institute of Pharmacy,  
Adgaon, Nashik – 422003.

**EVALUATION OF HEPATOPROTECTIVE AND  
NEPHROPROTECTIVE EFFECT OF SALICIN ON RAT**

**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**

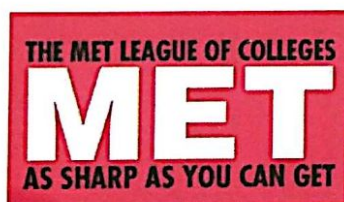
**In Faculty of Science and Technology**

**BY**

**Mr. HEMANT VISHNU RAUT**

**Guide**

**Dr. PAVAN B. UDAVANT**



**BHUBAL KNOWLEDGE CITY  
MET's INSTITUTE OF PHARMACY  
ADGAON, NASHIK-422 003**

**2019-2021**

# MET


## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Evaluation of Hepatoprotective and Nephroprotective effect of Salicin on rat.”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Hemant Vishnu Raut**, under the guidance and supervision of **Dr. Pavan B. Udavant .**

This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/8/21**



**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, **“Evaluation of Hepatoprotective and Nephroprotective effect of Salicin on rat.”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Mr. Hemant Vishnu Raut** under the guidance and supervision of **Dr. Pavan B. Udavant.**

This dissertation is now ready for examination.

Place: **Nashik**

A handwritten signature in black ink, appearing to read 'P. B. Udavant', is written over a horizontal line. Below the signature, the name 'Dr. Pavan B. Udavant' is printed in a bold, black, sans-serif font.




**Dr. Pavan B. Udavant**

Date:

**Guide**

## Certificate

This is to certify that the project proposal no. **MET-IOP-IAEC/2020-21/01** entitled '**Determination of Nephroprotective and Hepatoprotective potential of selected phytoconstituents and/or herbal extract using different animal models**' submitted by **Dr. P. B. Udavant** has been approved/ recommended by the IAEC of METs, Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik in its meeting held on 27<sup>th</sup> Feb. 2021 and **54 Wistar rats** have been sanctioned under this.

Authorized by	Name	Signature	Date
Chairman	Dr. S. J. Kshirsagar		27/02/2021
Member Secretary	Dr. P. B. Udavant		27/02/2021
Main nominee of CPCSEA	Dr. K. N. Kohale		27/02/2021

**EVALUATION OF HEPATOPROTECTIVE AND  
NEPHROPROTECTIVE EFFECT OF  $\alpha$ - PINENE ON RAT**

**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**

**Miss. PRAGATI PRALHAD GURAV**

**Guide**

**Dr. PAVAN B. UDAVANT**



**BHUBAL KNOWLEDGE CITY  
MET's INSTITUTE OF PHARMACY  
ADGAON, NASHIK-422 003**

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Evaluation of Hepatoprotective and Nephroprotective effect of  $\alpha$ - Pinene on rat.”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Pragati Pralhad Gurav**, under the guidance and supervision of **Dr. Pavan B. Udavant** .

This dissertation is now ready for examination.

Place: **Nashik**

Date: **25/8/21**

**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, **“Evaluation of Hepatoprotective and Nephroprotective effect of  $\alpha$ - Pinene on rat.”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003** during the academic year 2020-2021 by **Miss. Pragati Pralhad Gurav** under the guidance and supervision of **Dr. Pavan B. Udavant.**

This dissertation is now ready for examination.

Place: **Nashik**

**Dr. Pavan B. Udavant**

Date: **23/08/2021**

**Guide**

**Pharmacological investigation of the wound healing activity of  
*Tecuma unduleta* ointment in swiss albino mice.**

**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**

**Miss. DIVYA GORAKSHA THITE**

**Guide**

**Dr. Pavan B. Udavant**



**BHUIBAL KNOWLEDGE CITY**

**MET's INSTITUTE OF PHARMACY**

**ADGAON, NASHIK-422 003**

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Pharmacological Investigation of the Wound Healing Activity of *Tecuma unduleta* Ointment in Swiss Albino mice.”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Divya Goraksha Thite**, under the guidance and supervision of **Dr. Pavan B. Udavant**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: **20/8/21**

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- 422 003



## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Pharmacological Investigation of the Wound Healing Activity of *tecuma unduleta* Ointment in Swiss Albino mice”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Miss. Divya Goraksha Thite** under the guidance and supervision of **Dr. Pavan B. Udavant**.  
This dissertation is now ready for examination.

Place: **Nashik**

Date: **24/08/2021**

A handwritten signature in blue ink, appearing to be "P. Udavant", written over a stylized blue line that forms a large, sweeping shape.

**Dr. Pavan B. Udavant**

**Guide**

**Evaluation Of Adaptogenic Effect Of Isolated Fractions From  
*Tecomella Undulata* Bark Extract In Acute And Chronic Stress-  
Induced Experimental Animal Models.**

**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 the Faculty of Science and Technology**

**BY**

**Miss. NAMRATA RAJENDRA WADE**

**Guide**

**PROF. NEELAM L. DASHPUTRE**



**BHUIBAL KNOWLEDGE CITY**

**MET's INSTITUTE OF PHARMACY**

**ADGAON, NASHIK - 422 003**

**2019-2021**



## CERTIFICATE



This is to certify that the research work presented in this dissertation entitled, **“Evaluation of Adaptogenic Effect of Isolated Fractions from *Tecomella undulata* bark Extract In Acute And Chronic Stress-Induced Experimental Animal Models”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Namrata Rajendra Wade**, under the guidance and supervision of **Prof. Neelam L. Dashputre**. This dissertation is now ready for examina

Place: **Nashik**

  
**Principal**

**Dr. S. J. Kshirsagar**

**Principal**

Date:

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, **“Evaluation of Adaptogenic Effect of Isolated Fractions from *Tecomella undulate* bark Extract In Acute And Chronic Stress-Induced Experimental Animal Models”** 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Name of Student**, under the guidance and supervision of (**Prof. Neelam L. Dashputre**). This dissertation is now ready for examination.

Place: **Nashik**

Date :

**Prof. Neelam L. Dashputre**

**Guide**



**“To evaluate developmental and reproductive teratogenicity  
of some drugs in chick embryo model.”**

**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. VARSHA SHANKARRAO SANDHAN**

**Guide**

**Prof. N. L. Dashputre**



**BHUJBAL KNOWLEDGE CITY**

**MET's INSTITUTE OF PHARMACY**

**ADGAON, NASHIK-422 003**

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**To evaluate developmental and reproductive teratogenicity of some drugs in chick embryo model**” 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by Ms. **Varsha S. Sandhan**, under the guidance and supervision of **Guide Prof. N.L. Dashputre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date:

A handwritten signature in blue ink, appearing to read "Dr. S. J. Kshirsagar", is written over a circular stamp.

**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, “**To evaluate developmental and reproductive teratogenicity of some drugs in chick embryo model**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, 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 2020-2021 by Ms. **Varsha S. Sandhan** , under the guidance and supervision of **Guide Prof. N.L. Dashputre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 20/08/21

  
20/08/21  
**Prof. N.L. Dashputre**

**Guide**

  
R.A. Patil  
(R.A. Patil)

**Evaluation of cardioprotective activity of stem bark extract  
of *Aphanamixis polystachya* (Wall) Parker by using wistar  
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. SHUBHANGI SANJAY SUKENKAR**

**Guide**

**Prof. N. L. Dashputre**



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

**2019-2021**





## CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Evaluation of cardioprotective activity of stem bark extract of *Aphanamixis polystachya* (Wall) Parker by using 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Shubhangi Sanjay Sukenkar**, under the guidance and supervision of **Prof. N. L. Dashputre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: 19/8/21



**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, **“Evaluation of cardioprotective activity of stem bark extract of Aphanamixis polystachya by using 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 **MET’s Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422003** during the academic year 2020-2021 by **Ms. Shubhangi Sanjay Sukenkar**, under the guidance and supervision of **Prof. N. L. Dashputre**.  
This dissertation is now ready for examination.

Place: **Nashik**

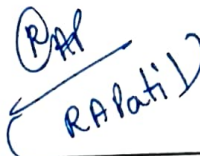
Date: 19/08/21



  
19/08/21

**Prof. N. L. Dashputre**

**Guide**

  
RA Patil



Savitribai Phule Pune University  
(formerly University of Pune)



Telephone Nos. : 25621205/10/11

Ganeshkhind , Pune – 411 007.

E-mail : [pgadmis@pun.unipune.ac.in](mailto:pgadmis@pun.unipune.ac.in)

Ref. No. : PGS/ 3341

Date:

15 SEP 2021

To,

The Principal  
MET Bhujbal Knowledge City,  
Adgaon, Nashik - 422 003.

Sir/Madam,

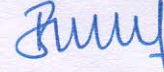
The Ph.D. cases forwarded by the Institute/Centre were placed before the Research & Recognition Committee in the subject Pharmaceutics (Science and Technology) Meeting held on 16/07/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Shirsath Yogeshwar Himmatrao  Guide : Dr. Sanjay J. Kshirsagar	Topic Approved & Admitted w.e.f. 27/02/2021  "Development of Combinational Therapy for inflammatory bowel disease using colon targeted drug delivery system."

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

Thanking You,

Yours faithfully,

 14/09/2021

Deputy Registrar  
(P.G. Admissions)



Savitribai Phule Pune University  
(formerly University of Pune)



Telephone Nos. : 25621205/10/11

Ganeshkhind , Pune – 411 007.

E-mail : [pgadmis@pun.unipune.ac.in](mailto:pgadmis@pun.unipune.ac.in)

Ref. No. : PGS/ 3341

Date: 15 SEP 2021

To,

The Principal  
MET Bhujbal Knowledge City,  
Adgaon, Nashik - 422 003.

Sir/Madam,

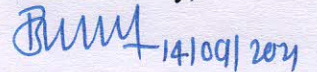
The Ph.D. cases forwarded by the Institute/Centre were placed before the Research & Recognition Committee in the subject Pharmaceutics (Science and Technology) Meeting held on 16/07/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Kulkarni Kapil Sunil  Guide : Dr. Gitanjali S. Deokar	Topic Approved & Admitted w.e.f. 27/02/2021  "Formulation Development and Evaluation of modified release bilayer tablet of Carvedilol phosphate and Lisinopril."

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

Thanking You,

Yours faithfully,

 14/09/2021

Deputy Registrar  
( P.G. Admissions)

f



Savitribai Phule Pune University  
(formerly University of Pune)



Telephone Nos. : 25621205/10/11

Ganeshkhind , Pune – 411 007.

E-mail : [pgadmis@pun.unipune.ac.in](mailto:pgadmis@pun.unipune.ac.in)

Ref. No. : PGS/ 3341

Date: 15 SEP 2021

To,

The Principal  
MET Bhujbal Knowledge City,  
Adgaon, Nashik - 422 003.

Sir/Madam,

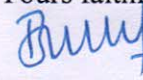
The Ph.D. cases forwarded by the Institute/Centre were placed before the Research & Recognition Committee in the subject Pharmaceutics (Science and Technology) Meeting held on 16/07/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Shinde Yogita Akash  Guide : Dr. Gitanjali S. Deokar	Topic Approved & Admitted w.e.f. 27/02/2021  "Investigations on functional prebiotic potential of natural seed components to determine their Pharmaceutical and nutraceutical applicability."

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

Thanking You,

Yours faithfully,

 14/09/2021

Deputy Registrar  
(P.G. Admissions)



Savitribai Phule Pune University  
(formerly University of Pune)



Ganeshkhind , Pune – 411 007.

E-mail : [pgadmis@pun.unipune.ac.in](mailto:pgadmis@pun.unipune.ac.in)

Telephone Nos. : 25621205/10/11

Ref. No. : PGS/ 3341

Date: 15 SEP 2021

To,

The Principal  
MET Bhujbal Knowledge City,  
Adgaon, Nashik - 422 003.

Sir/Madam,

The Ph.D. cases forwarded by the Institute/Centre were placed before the Research & Recognition Committee in the subject Pharmaceutics (Science and Technology) Meeting held on 16/07/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Saindane Harshata Bhaidas  Guide : Dr. Nilima A. Thombre	Topic Approved & Admitted w.e.f. 27/02/2021  "Formulation Development and Evaluation of Novel Drug Delivery system of Antidiabetic Drugs."

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

Thanking You,

Yours faithfully,

*Bunif* 14/09/2021

Deputy Registrar  
(P.G. Admissions)

f



Savitribai Phule Pune University  
(formerly University of Pune)



Telephone Nos. : 25621205/10/11

Ganeshkhind , Pune – 411 007.

E-mail : [pgadmis@pun.unipune.ac.in](mailto:pgadmis@pun.unipune.ac.in)

Ref. No. : PGS/ 3341

Date: 15 SEP 2021

To,

The Principal  
MET Bhujbal Knowledge City,  
Adgaon, Nashik - 422 003.

Sir/Madam,

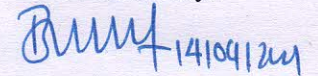
The Ph.D. cases forwarded by the Institute/Centre were placed before the Research & Recognition Committee in the subject Pharmaceutics (Science and Technology) Meeting held on 16/07/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Pagar Swati Appasaheb  Guide : Dr. Nilima A. Thombre	Topic Approved & Admitted w.e.f. 27/02/2021  "Formulation Development and Evaluation of herbal novel drug delivery system for wound healing."

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

Thanking You,

Yours faithfully,



Deputy Registrar  
(P.G. Admissions)