

# CERTIFICATE

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

## **“FORMULATION AND EVALUATION OF FIXED DOSE COMBINATION TABLET OF THEOPHYLLINE WITH ACTIVE COATING OF MONTELUKAST SODIUM FOR TREATMENT OF BRONCHIAL ASTHMA”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by Miss. Rutuja Sanjay Awati, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Harshada Ajit Patil. For the year 2023-2024 in the laboratories of Dr Shivajirao Kadam College of Pharmacy Kasabe Digraj.

Date: 02/07/2024

Place: Kasabe Digraj

*Examined  
Dr. Harshada Patil*



*[Signature]*  
Prof. Dr. K. A. Wadkar  
(M. Pharm),  
Principal,  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**  
**SHIVAJI UNIVERSITY, KOLHAPUR**  
**2023-2024**

# CERTIFICATE

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

## “DESIGN, DEVELOPMENT & EVALUATION OF *IN-VITRO* DIAGNOSTIC (IVD) KIT FOR DETECTION OF *ESCHERICHIA* *COLI*”

For  
Master of Pharmacy  
In  
Pharmaceutics

Has been carried out by **Ms. Reetuli Dayanand Banasode**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Santosh Maruti Gejage**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date:

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar  
(M.Pharm, Ph.D.)  
**PRINCIPAL**  
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**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## “DEVELOPMENT AND CHARACTERIZATION OF TERBINAFINE HYDROCHLORIDE LOADED NIOSOMAL DRUG DELIVERY SYSTEM”

For  
Master of Pharmacy  
In  
Pharmaceutics

Has been carried out by **Ms. Shraddha Prakash Bandgar**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Dipak Babaso Bhingardev**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/7/24

Place: Kasabe Digraj

*Soumitra*  
09/08/2024



*[Signature]*  
Prof. Dr. K. A. Wadkar  
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**PRINCIPAL,**  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

## “FORMULATION AND EVALUATION OF $\beta$ - CYCLODEXTRIN INCLUSION COMPLEX OF 6-SHOGAOL FOR TREATMENT OF BREAST CANCER.”

For  
Master of Pharmacy  
In  
Pharmaceutics

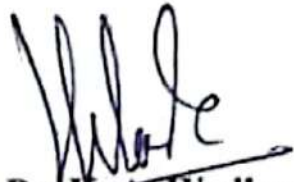
Has been carried out by Ms. Shital Ravindra Doijad, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Harshada Ajit Patil. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 02/07/2024

Place: Kasabe Digraj

Examined  
Signed



  
Prof. Dr. K. A. Wadkar  
(M. Pharm., Ph. D.)  
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KASABE DIGRAJ, SANGLI. 416 305

SHIVAJI UNIVERSITY, KOLHAPUR

2023-2024

# CERTIFICATE

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

## “DEVELOPMENT AND EVALUATION OF FLURBIPROFEN LOADED POLYMERIC NANOSUSPENSION FOR OPHTHALMIC APPLICATION”

For  
Master of Pharmacy  
In  
Pharmaceutics

Has been carried out by **Mr. Pritam Dilip Jadhav**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Pravin Kondiba Pawar**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03-07-24

Place: Kasabe Digraj

*Signature*  
09/08/2024



*Signature*  
Prof. Dr. K. A. Wadkar

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**PRINCIPAL,**  
Principal  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023–2024**



# **CERTIFICATE**

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

## **“FORMULATION AND CHARACTERIZATION OF FLURBIPROFEN LOADED TRANSETHOSOMAL GEL”**

For  
Master of Pharmacy

In  
Pharmaceutics


Has been carried out by **Mr. Prashant Vijaykumar Jadhav**, in partial fulfilment of degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Mr. Bhingardev Babaso Dipak For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/07/2024

Place: Kasabe Digraj

  
9/08/2024



  
Prof. Dr. K.A. Wadkar  
(M. Pharm. Ph. D.)

Principal  
**PRINCIPAL,**  
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KASABE DIGRAJ, SANGLI. 416305  
SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“DEVELOPMENT & EVALUATION OF RUTIN NANOCOMPOSITE LOADED STOCKINGS FOR MANAGEMENT OF VARICOSE VEIN”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by **Ms. Shruti Siddharth Kamble**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Santosh Maruti Gejage**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date:** 03/07/2024

**Place:** Kasabe Digraj



  
**Prof. Dr. K. A. Wadkar**  
**PRINCIPAL**  
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**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“FORMULATION DEVELOPMENT AND EVALUATION OF ALLICIN $\beta$ -CYCLODEXTRIN INCLUSION COMPLEX FOR TREATMENT OF BREAST CANCER.”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by Ms. Gandhali Gajanan Koshti, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Harshada Ajit Patil**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date:** 02/07/2024

**Place:** Kasabe Digraj

*Examined  
Dr. Harshada Ajit Patil*



*[Signature]*  
**Prof. Dr. K. A. Wadkar**  
(M. Pharm., Ph. D.)

**PRINCIPAL,**  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

## “PREPARATION AND CHARACTERIZATION OF VORICONAZOLE LOADED MUCOADHESIVE NIOSOMES FOR THE TREATMENT OF FUNGAL KERATITIS”

For  
Master of Pharmacy  
In  
Pharmaceutics


Has been carried out by **Ms. Gayatri Rajendra Pujari**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Pravin Kondiba Pawar**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/07/2024

Place: Kasabe Digraj

  
09/08/2024



  
Prof. Dr. K. A. Wadkar  
(M. Pharm., Ph. D.)

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**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“PREPARATION AND CHARACTERIZATION OF LULICONAZOLE LOADED NANOSTRUCTURED LIPID CARRIERS FOR THE TREATMENT OF FUNGAL KERATITIS”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by **Ms. Prachi Prasad Risawade**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Pravin Kondiba Pawar**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03-07-24

Place: Kasabe Digraj

*500810*  
*09/08/24*



*[Signature]*  
Prof. Dr. **K. A. Wadkar**

(M. Pharm., Ph. D.)

**PRINCIPAL,**  
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of Pharmacy (M.Pharm)  
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**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“SYNTHESIS, CHARACTERIZATION AND EVALUATION OF  
MODULATED ALGINATE DERIVATIVES FOR 3D BIO-PRINTING”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by **Miss. Supriya Suresh Shete**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Gejage Santosh Maruti**. For the year 2023-2024 in the laboratories of **Dr Shivajirao Kadam College of Pharmacy Kasabe Digraj**.

Date: 03/07/2024

Place: Kasabe Digraj



**Prof. Dr. K. A. Wadkar**

**(M. Pharm. Ph.D.)**

**Dr. Shivajirao Kadam College  
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Kasabe-Digraj, Sangli.**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# **CERTIFICATE**

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

**"DEVELOPMENT AND EVALUATION OF CIPROFLOXACIN  
LOADED CATHETER FOR URINARY TRACT INFECTION BY  
USING 3D PRINTING TECHNIQUE"**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

has been carried out by **Miss. Shinde Arati Laxman**, in partial fulfilment of degree of Master of Pharmacy (**Pharmaceutics**) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Santosh Maruti Gejage**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date:** 5-7-2024

**Place:** Kasabe Digraj



**Prof. Dr. K. A. Wadkar**

(M. Pharm. Ph. D.)

Principal

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“FORMULATION AND CHARACTERIZATION OF ETHOSOMAL GEL  
CONTAINING EXTRACT OF *VITEX NEGUNDO* FOR TOPICAL  
TREATMENT OF ARTHRITIS”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

has been carried out by **Mr. Shiralkar Parag Praveen**, in partial fulfilment of degree of Master of Pharmacy (**Pharmaceutics**) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Dipak Babaso Bhingardev**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date: 5-7-24**

**Place: Kasabe Digraj**

*Examined  
20.6.24*



*[Signature]*  
**Prof. Dr. R. A. Wadkar**  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
**Dr. Shivajirao Kadam College**  
**of Pharmacy (M.Pharm)**  
**Kasabe Digraj, Sangli.**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## “DESIGN, FORMULATION AND EVALUATION OF NANOSUSPENSION DRUG DELIVERY SYSTEM OF DAPSONE”

For  
Master of Pharmacy  
In  
Pharmaceutics


Has been carried out by **Ms. Shruti Umesh Satpute**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Dipak Babaso Bhingardev**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/07/2024

Place: Kasabe Digraj

  
09/08/2024



  
Prof. Dr. K. A. Wadkar  
(Principal)  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE  
DIGRAJ, SANGLI. 416305  
SHIVAJI UNIVERSITY, KOLHAPUR  
2023-2024



# CERTIFICATE

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

## **“FORMULATION AND EVALUATION OF DIOSGENIN PRONIOSOMES FOR TREATMENT OF PSORIASIS .”**

**For  
Master of Pharmacy  
In  
Pharmaceutics**

Has been carried out by Ms. Ashwini Appaso Todkar, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Harshada Ajit Patil. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date:** 01-07-2024

**Place:** Kasabe Digraj

*Certified  
Dr. Harshada Patil*



*[Signature]*  
**Prof. Dr. K. A. Wadkar**  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
of Pharmacy (M.Pharm)  
Kasabe Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“Exploration of Neuroprotective Effect of an Indian herb *Baliospermum montanum* for its Therapeutic Potential in Parkinson's Disease.”**

For  
Master of Pharmacy  
in  
Pharmacology

has been carried out by Mr. Nikhil Narasappa Divate, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Mr. Shankar J. Joshi, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 5-8-2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

M. Pharm, Ph. D.  
**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“Analytical Method Development, Validation and Forced Degradation Studies of Antihypertensive Drugs by RP-HPLC”**


**For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry**

Has been carried out by Miss Sayali Rahul Bhosale, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Sarika Pranam Patil for the year 2023-2024 in the laboratories of Dr Shivajirao Kadam College of Pharmacy, Kasabe Digraj.

Date: 01-July-2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

(M. PRINCIPAL,  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

  
10-08-2024

**DR SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

**“Analytical Method Development, Validation and Forced Degradation Studies of Antihypertensive Drugs by RP-HPLC”**


**For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry**

Has been carried out by **Miss Sayali Rahul Bhosale**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Sarika Pranam Patil** for the year 2023-2024 in the laboratories of **Dr Shivajirao Kadam College of Pharmacy, Kasabe Digraj**.

Date: 01 - July - 2024

Place: Kasabe Digraj



  
**Prof. Dr. K. A. Wadkar**

**(M. PRINCIPAL,)  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.**

  
10-08-2024

**DR SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“SYNTHESIS, MOLECULAR DOCKING AND BIOLOGICAL ACTIVITY OF UMBELLIFERONE- RIVASTIGMINE HYBRIDS”**

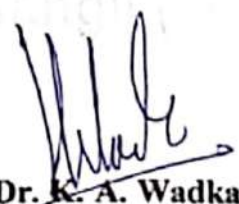
**For  
Master of Pharmacy  
In  
Pharmaceutical chemistry**

Has been carried out by Mr. Aditya Amol Chougule, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Dale Ajit Vishnupant. For the year 2023-2024 in the laboratories of Dr Shivajirao Kadam College of Pharmacy Kasabe Digraj.

Date: 02/07/2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
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Kasabe-Digraj, Sangli.

**DR SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

  
1008-2024



# CERTIFICATE

This is to certify that work presented in the thesis entitled,  
**"DESIGN, SYNTHESIS, CHARACTERIZATION  
AND POSSIBLE BIOLOGICAL ACTIVITY OF  
NOVEL NITROGEN BASED HETEROCYCLIC  
COMPOUNDS"**

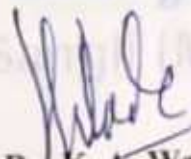
For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry

Has been carried out by **Miss. Dhanashree Amar Ghatage**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Anuja A. Masule. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 02/07/2024

Place: Kasabe Digraj




  
Prof. Dr. K. A. Wadkar  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
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Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,  
KASABE DIGRAJ, SANGLI. 416305  
SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

  
10/08-2024



# CERTIFICATE

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

**“DESIGN, SYNTHESIS, CHARACTERIZATION AND  
BIOLOGICAL ACTIVITY OF N-SUBSTITUTED  
2-AMINO-6-METHYL BENZOTHAZOLE ANALOGS”**

For

Master of Pharmacy

In

Pharmaceutical Chemistry

Has been carried out by **Mr. Nikhil Ramesh Jagatap** in partial fulfillment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Ajit Vishnupant Dale** for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03-07-2024

Place: Kasabe Digraj



Prof. Dr. K. A. Wadkar

(M. Pharm. Ph. D)

PRINCIPAL,

Dr. Shivajirao Kadam College  
of Pharmacy (M.Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY**

**KASABE DIGRAJ, SANGLI 416 305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

10-08-2024

# CERTIFICATE

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

**“DESIGN, SYNTHESIS, MOLECULAR DOCKING  
AND POSSIBLE BIOLOGICAL STUDY OF 2-AMINO-  
6-ETHOXY BENZOTHAZOLE DERIVATIVES”**

For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry

Has been carried out by **Mr. Rushikesh Suresh Kadam** in partial fulfillment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Ajit Vishnupant Dale** for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 31/07/2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

(M. Pharm., Ph. D.)

**PRINCIPAL,**


Principal  
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of Pharmacy (M. Pharm)  
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**KASABE DIGRAJ, SANGLI 416 305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

  
10-08-2024

# CERTIFICATE

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

**"SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF  
O-SUBSTITUTED CARBAMATES OF 7-HYDROXY-4METHYL COUMARIN"**

**For**

**Master of Pharmacy**

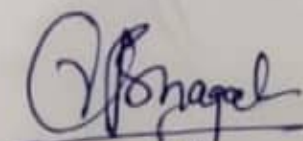
**In**

**Pharmaceutical Chemistry**

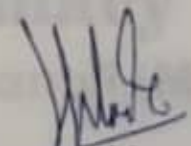
Has been carried out by **Mr. Yashvant Santosh Kadam**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Anuja Atul Masule** For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

**Date:** 03/07/2024

**Place:** Kasabe Digraj

  
Dr. V. C. Bhagat  
06/08/2024.



  
**Prof. Dr. K. A. Wadkar**  
(M. Pharm, Ph. D)

Principal  
**PRINCIPAL,**  
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of Pharmacy (M. Pharm)  
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**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

**"DESIGN, SYNTHESIS AND BIOLOGICAL ACTIVITY OF  
NAPHTHALENYL LINKED RILUZOLE RIVASTIGMINE MIMICS"**

**For**

**Master of Pharmacy**

**In**

**Pharmaceutical Chemistry**

Has been carried out by **Ms. Shaista Ayyub Mujawar**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. K. A. Wadkar** for the year 2022- 2023 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy Kasabe Digraj, Sangli.

Date: 23/08/23

Place: Kasabe Digraj



**Dr. K. A. Wadkar**

**(Principal)**

**Dr. Shivajirao Kadam**  
Principal  
**College of Pharmacy**  
**Kasabe-Digraj, Sangli.**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2022-2023**

# CERTIFICATE

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

## **“DEVELOPMENT AND CHARACTERIZATION OF TERBINAFINE HYDROCHLORIDE LOADED NIOSOMAL DRUG DELIVERY SYSTEM”**

For  
Master of Pharmacy  
In  
Pharmaceutics

Has been carried out by **Ms. Shraddha Prakash Bandgar**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Dipak Babaso Bhingardeve**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/7/24

Place: Kasabe Digraj

*Soumitra*  
09/08/2024



*Wadkar*  
Prof. Dr. K. A. Wadkar  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“Method Development, Validation and Forced Degradation Studies of Active Pharmaceutical Ingredients (API) In Bulk and Formulation By RP-HPLC Method”**

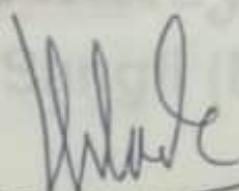
For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry

Has been carried out by Mr. Nitesh Prakash Vhasukale, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr Sarika Pranam Patil for the year 2023-2024 in the laboratories of Dr Shivajirao Kadam College of Pharmacy Kasabe Digraj.

Date: 3-7-24

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar  
**PRINCIPAL**  
Dr. Shivajirao Kadam College  
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Kasabe-Digraj, Sangli.

**DR SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**  
**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

**“DEVELOPMENT OF NEW CHEMICAL ENTITIES (NCEs) HYBRIDIZING  
PHENOLIC GROUP OF 4-METHYL UMBELLIFERONE FOR POSSIBLE  
BIOLOGICAL ACTIVITY”**

For

**Master of Pharmacy**

In

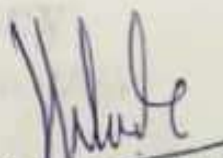
**Pharmaceutical Chemistry**

Has been carried out by **Mr. Vivekanand Ekanath Teli**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Anuja Atul Masule**, for the year 2023-2024 in the laboratories of **Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.**

Date:

Place: Kasabe Digraj



  
Prof. Dr. K.A. Wadkar

**PRINCIPAL**  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**"SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF  
O-SUBSTITUTED CARBAMATES OF 7-HYDROXY-4-METHYL COUMARIN"**

For

**Master of Pharmacy**

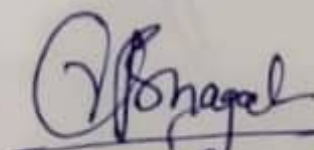
In

**Pharmaceutical Chemistry**

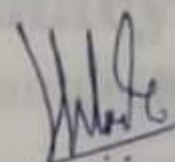
Has been carried out by **Mr. Yashvant Santosh Kadam**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Anuja Atul Masule** For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/07/2024

Place: Kasabe Digraj

  
Dr. V. Ch. Bapat  
06/08/2024.



  
Prof. Dr. K. A. Wadkar

(M. Pharm, Ph. D)

Principal  
**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

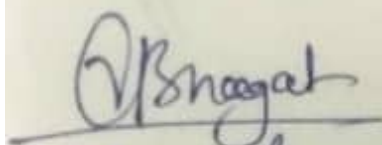
**“DEVELOPMENT OF NEW CHEMICAL ENTITIES (NCEs)  
MODIFYING 2-AMINO BENZOTHAZOLE SCAFFOLD  
WITH RECEPTOR BINDING SIDE CHAINS”**

For  
Master of Pharmacy  
In  
Pharmaceutical Chemistry

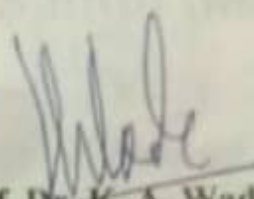
Has been carried out by Mr. Amar Dilip Kamble, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Ajit Vishnupant Dale For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 03/07/2024

Place: Kasabe Digraj

  
(Dr. V. C. Bhogal)  
(06/08/2024)



  
Prof. Dr. K. A. Wadkar  
(M. Pharm, Ph. D)

PRINCIPAL,  
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KASABE DIGRAJ, SANGLI. 416305

SHIVAJI UNIVERSITY, KOLHAPUR

2023-2024



# CERTIFICATE

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

## "DESIGN, SYNTHESIS AND BIOLOGICAL ACTIVITY OF 1,3,4 OXADIAZOLE DERIVATIVES"

For

Master of Pharmacy

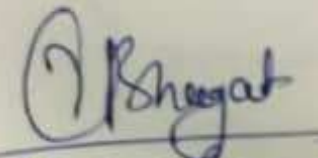
In

Pharmaceutical Chemistry

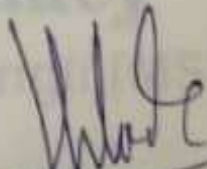
Has been carried out by **Miss. Tejshree Bhimrao Khade**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Anuja A. Masule. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 02-07-2024

Place: Kasabe Digraj

  
(Dr. V. S. Shengat)  
06/08/2024,



  
Prof. Dr. **K. A. Wadkar**  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
Dr. Shivajirao Kadam College  
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Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“ METHOD DEVELOPMENT AND VALIDATION  
REPORT OF STABILITY INDICATING HPLC  
METHOD OF ANALYSIS FOR ASSAY OF  
ANTIHYPERTENSIVE DRUGS”**

**For  
Master of Pharmacy  
In  
Pharmaceutical chemistry**

Has been carried out by Miss Deeplaxmi Sunil Masal, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Dale Ajit Vishnupant. For the year 2023-2024 in the laboratories of Dr Shivajirao Kadam College of Pharmacy Kasabe Digraj.

Date: 02/07/2024

Place: Kasabe Digraj

*V. C. Shengat*  
Dr V.C. Shengat  
06/08/2024.



*[Signature]*  
Prof. Dr. K. A. Wadkar  
(M. Pharm. Ph. D.)

**PRINCIPAL,**  
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of Pharmacy (M.Pharm)  
Kasabe-Digraj, Sangli.

**DR SHIVAJIRAO KADAM COLLEGE OF PHARMACY, KASABE DIGRAJ.**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“DEVELOPMENT OF NEW CHEMICAL ENTITIES (NCEs) HYBRIDIZING  
PHENOLIC GROUP OF 4-METHYL UMBELLIFERONE FOR POSSIBLE  
BIOLOGICAL ACTIVITY”**

For

**Master of Pharmacy**

In

**Pharmaceutical Chemistry**

Has been carried out by **Mr. Vivekanand Ekanath Teli**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Anuja Atul Masule**, for the year 2023-2024 in the laboratories of **Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.**

Date:

Place: Kasabe Digraj



  
Prof. Dr. K.A. Wadkar

**PRINCIPAL**  
(M. Pharm., Ph.D.)  
**Dr. Shivajirao Kadam College  
of Pharmacy (M.Pharm)  
Kasabe Digraj, Sangli.**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI-416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

## **"ASSESSMENT OF ANTIDIABETIC POTENTIAL OF HABENARIA INTERMEDIA IN RODENT AND ZEBRAFISH MODELS"**

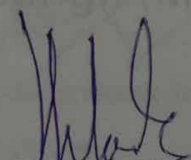
For  
Master of Pharmacy  
in  
Pharmacology

has been carried out by **Ms. Shreshtha Umesh Kadam**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Shankar Jaiprakash Joshi**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 5-8 - 2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

M. Pharm. Ph. D.  
**PRINCIPAL,**  
Principal  
Dr. Shivajirao Kadam College  
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**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“ASSESSMENT OF MODULATORY EFFECT OF CITRUS SPECIES ON HYPERLIPIDEMIC STATUS IN RATS.”**

For  
Master of Pharmacy  
in  
Pharmacology

has been carried out by **Mr. Aditya Dattatray Kadam.**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Shankar Jaiprakash Joshi**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 05-08-2024

Place: Kasabe Digraj



Prof. Dr. K. A. Wadkar

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**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

A Scientific Probe into Hepatoprotective Efficacy of '*Atalantia racemosa*  
Wight ex Hook' using Rodent Models of Hepatotoxicity.

For  
**Master of Pharmacy**  
in  
**Pharmacology**

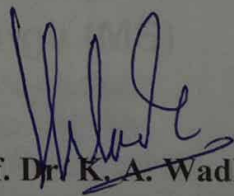
has been carried out by **Mr. Shubham Dilip Managule**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Prof Dr. Sandeep Balvant Patil**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy Kasabe Digraj, Sangli.

Date: 07/08/24

Place: Kasabe Digraj



*Shubham*  
07.08.24.

  
Prof. Dr. K. A. Wadkar  
M. Pharm. Ph. D.

Principal  
**PRINCIPAL,**  
**Dr. Shivajirao Kadam**  
**College of Pharmacy**  
**Kasabe-Digraj, Sangli**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

**“Scientometric Preclinical Study of ‘*Habenaria edgeworthii*’  
in Type 2 Diabetes Mellitus in Suitable Rodent and Pisces  
Models”.**

**For  
Master of Pharmacy  
in  
Pharmacology**

has been carried out by **Ms. Sharayu Dnyaneshwar Ingale**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Prof. Dr. Sandeep Balvant Patil**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 07/08/2024

Place: Kasabe Digraj



*Ingale*  
07.08.24.

*[Signature]*  
Prof. Dr. K. A. Wadkar

M. Pharm., Ph. D.  
**PRINCIPAL,**  
**Dr. Shivajirao Kadam**  
**College of Pharmacy**  
**Kasabe-Digraj, Sangli**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

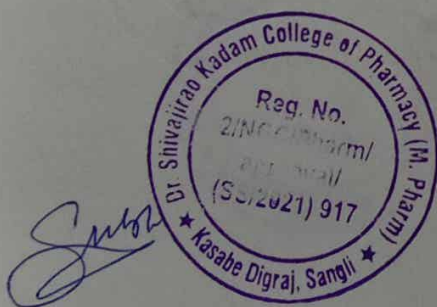
**“Scientific Exploration of Ethanopharmacologically Claimed  
Antihyperlipidemic Activity of *Prunus cerasoides*”**

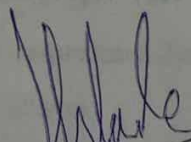
For  
Master of Pharmacy  
in  
Pharmacology

Has been carried out by **Mr. Akash Bhagwan Ghuge**, in partial fulfillment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Shankar Jaiprakash Joshi**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 05-08-2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

M. Pharm. Ph.D.

**PRINCIPAL,**  
Principal  
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of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

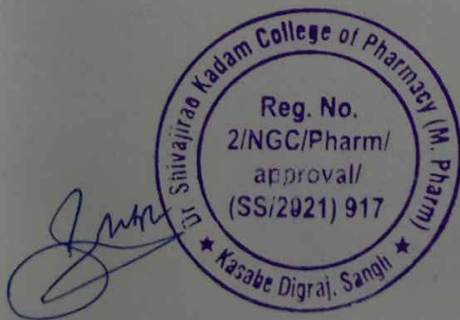
**“Exploration of Neuroprotective Effect of an Indian herb *Baliospermum montanum* for its Therapeutic Potential in Parkinson's Disease.”**

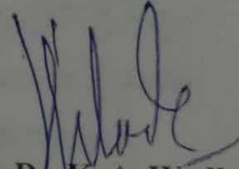
For  
**Master of Pharmacy**  
in  
**Pharmacology**

has been carried out by **Mr. Nikhil Narasappa Divate**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Mr. Shankar J. Joshi**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 5-8-2024

Place: Kasabe Digraj



  
Prof. Dr. K. A. Wadkar

M. Pharm. Ph. D.  
**PRINCIPAL,**  
Principal  
Dr. Shivajirao Kadam College  
of Pharmacy (M. Pharm)  
Kasabe-Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

## **“Exploration of Antidepressant Potential of Prishniparni-*Uraria picta*: by Using Rodent Models of Depression”**

For  
Master of Pharmacy  
in  
Pharmacology

Has been carried out by **Ms. Vaishnavi Prakash Koulge**, in partial fulfilment of the Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Kiran A. Wadkar**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 07/08/2024

Place: Kasabe Digraj



*Dr. A. N. Chivate*  
(External Examiner)

*[Signature]*  
Dr. Kiran A. Wadkar

M. Pharm., Ph. D.

**PRINCIPAL,**  
Principal  
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Kasabe Digraj, Sangli.

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## **“Exploring the Healing Efficacy of Topical Ayurvedic Spray in Diabetic Foot Ulcer”**

For  
**Master of Pharmacy**  
in  
**Pharmacology**

has been carried out by **Mr. Dhiraj Rajkumar Patil**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Prof. Dr. Sandeep Balvant Patil**, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 07/08/2024

Place: Kasabe Digraj



*Dr. K. A. Wadkar*  
07.08.24

*Dr. K. A. Wadkar*  
Prof. Dr. K. A. Wadkar

M. Pharm. Ph. D.

**PRINCIPAL,**  
**Dr. Shivajirao Kadam**  
**College of Pharmacy**  
**Kasabe-Digraj, Sangli**

**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

**“Evaluation of Efficacy and Safety of ‘*Operculina turpethum*’ in Alleviating Anxiety Disorder”**

For  
**Master of Pharmacy**  
In  
**Pharmacology**

has been carried out by **Ms. Shradha Dilip Shirdhone**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Mr. Godfrey Rudolph Mathews, for the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 07/08/24

Place: Kasabe Digraj

*Dr. A. N. Chivale*  
External Examiner

*[Signature]*

Prof. Dr. K. A. Wadkar

M. Pharm. Ph.D.

PRINCIPAL,  
Dr. Shivajirao Kadam  
College of Pharmacy,  
Kasabe-Digraj, Sangli

Dr. Shivajirao Kadam College of Pharmacy,  
Kasabe Digraj, Sangli.



**DR. SHIVAJIRAO KADAM COLLEGE OF PHARMACY,**

**KASABE DIGRAJ, SANGLI. 416305**

**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**



# CERTIFICATE

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

**“COMPARATIVE ASSESSMENT OF DIFFERENT  
ANTIOXIDANT JUICES WITH ADDED NATURAL  
PRESERVATIVE AND THEIR FUNCTIONAL  
ATTRIBUTES AGAINST PESTICIDE.”**

For  
Master of Pharmacy  
In  
Pharmacology

Has been carried out by **Ms. Parveen Nazeer Ahmed Siddiqui**, in partial fulfilment of Degree of Master of Pharmacy (Pharmacology) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Sandeep Balavant Patil. For the year 2022-2023 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 07/08/2024

Place: Kasabe Digraj



*Signature*  
07/08/24.

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Prof. Dr. K. A. Wadkar  
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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## "DESIGN, SYNTHESIS AND POSSIBLE BIOLOGICAL ACTIVITY OF O-SUBSTITUTED NAPHTHOL CARBAMATE DERIVATIVE"

For

Master of Pharmacy

In

Pharmaceutical Chemistry

Has been carried out by **Mr. Rohit Arun Shimpi**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutical Chemistry) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of Dr. Ajit Vishnupant Dale. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

Date: 3-7-2024

Place: Kasabe Digraj



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**SHIVAJI UNIVERSITY, KOLHAPUR**

**2023-2024**

# CERTIFICATE

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

## "FORMULATION AND EVALUATION OF VORICONAZOLE LOADED MUCOADHESIVE BASED SOLID LIPID NANOPARTICLES FOR THE TREATMENT OF FUNGAL KERATITIS"

For  
Master of Pharmacy  
In  
Pharmaceutics

Has been carried out by **Ms. Rahi Madan Teke**, in partial fulfilment of Degree of Master of Pharmacy (Pharmaceutics) in the faculty of Science and Technology, Shivaji University, Kolhapur under the guidance of **Dr. Pravin Kondiba Pawar**. For the year 2023-2024 in the laboratories of Dr. Shivajirao Kadam College of Pharmacy, Kasabe Digraj, Sangli.

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