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This submitted document is certified and verified

**ASSESSMENT OF STABILITY OF POVIDONE IODINE
SOLUTION IN VARIOUS pH CONDITIONS**

A DISSERTATION

Submitted for the approval of thesis in partial fulfilment of requirements for
Degree of

MASTER OF PHARMACY

IN

PHARMACEUTICS

*In the Faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur
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This is certify that the work investigation described in this dissertation entitled "**ASSESSMENT OF STABILITY OF POVIDONE IODINE SOLUTION IN VARIOUS pH CONDITIONS**" is submitted in the partial fulfilment of the requirement for the degree of **Master of Pharmacy in Pharmaceutics**, in the faculty of science and technology, **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the Priyadarshini J. L. College of Pharmacy, Nagpur, by **Vaishnavi Vikas Chitmulwar**, under the guidance and supervision of **Dr. Mrs. Gouri R. Dixit**, Priyadarshini J. L. College of Pharmacy, Nagpur.

This dissertation is now ready for examination.

Place: Nagpur

Date: 30/06/2023

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**DESIGN AND OPTIMIZATION OF
IMMEDIATE RELEASE PELLETS OF
POORLY WATER SOLUBLE DRUG**

A DISSERTATION

Submitted for the approval of thesis in partial fulfilment of requirements for

Degree of

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This dissertation is now ready for examination.

Place: Nagpur

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**DEVELOPMENT OF BILAYER TABLET FOR IMMEDIATE AND
CONTROLLED RELEASE OF PARACETAMOL USING
NATURAL POLYMER**

A DISSERTATION

Submitted for the approval of thesis in partial fulfillment of requirements for

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This dissertation is now ready for examination.

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**FORMULATION AND EVALUATION OF AZARDIRACHTA INDICA
DENTAL INSERT FOR THE TREATMENT OF PERIODONTITIS
A DISSERTATION**

Submitted for the approval of thesis in partial fulfillment of requirements for
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**"FORMULATION AND EVALUATION OF AZARDIRACHTA INDICA
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Pharmaceutics**, in the faculty of Science and Technology, **Rashtrasant Tukadoji
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**FORMULATION AND CHARACTERIZATION OF
EFFERVESCENT MUCOADHESIVE TABLET
FOR VAGINAL DELIVERY**

A DISSERTATION

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SOLUBILITY ENHANCEMENT OF POORLY WATER-SOLUBLE DRUG USING MESOPOROUS SILICA AS CARRIER

A DISSERTATION

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Place: Nagpur

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**FORMULATION AND EVALUATION OF MONTELUKAST
LEVOCETIRIZINE TABLET**

A DISSERTATION

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This dissertation is now ready for examination.

Place: Nagpur

Date: 3/7/23

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**DEVELOPMENT AND EVALUATION OF TASTE
MASKED PELLETS OF BITTER DRUG**

A Dissertation

Submitted in the Partial Fulfilment of the Requirement for the Degree of

MASTER OF PHARMACY

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The dissertation is now ready for examination.

Place: Nagpur

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**Qualification Of Roller Compactor To Provide The Desired Quality
Granules For Compression Stage**

Thesis

Submitted in partial fulfilment of requirements for Degree of

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This dissertation is now ready for examination.

Place: Nagpur
Date: 30/6/23


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FORMULATION AND EVALUATION OF MUCOADHESIVE *IN-SITU* GEL OF PROBIOTIC FOR THE MANAGEMENT OF BACTERIAL VAGINOSIS

A DISSERTATION

Submitted for the approval of thesis in partial fulfillment of requirements for Degree of

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This dissertation is now ready for examination.

Place: Nagpur

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**SOLUBILITY ENHANCEMENT OF POORLY WATER-SOLUBLE
DRUG BY HOT MELT EXTRUSION USING HYDROPHILIC
POLYMER**

A DISSERTATION

Submitted for the approval of thesis in partial fulfilment of requirements for Degree
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This dissertation is now ready for examination.

Place: Nagpur

Date: 03/07/23


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**FORMULATION AND EVALUATION OF TRIMETAZIDINE HCL
MODIFIED RELEASE TABLETS FOR THE MANAGEMENT OF
ANGINA PECTORIS
A DISSERTATION**

Submitted for the approval of thesis in partial fulfillment of requirements for
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This is to certify that the work investigation described in this dissertation, entitled "FORMULATION AND EVALUATION OF TRIMETAZIDINE HCL MODIFIED RELEASE TABLETS FOR THE MANAGEMENT OF ANGINA PECTORIS", is submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy in Pharmaceutics, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the Priyadarshini J. L. College of Pharmacy, Nagpur by Manish G. Kinkar under the guidance & supervision of Dr. Mrs. Kanchan P. Upadhye Head of department, Priyadarshini J.L. College of Pharmacy, Nagpur

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**FORMULATION AND EVALUATION OF FAST
DISSOLVING TABLETS OF AN ORAL
HYPOGLYCEMIC AGENT**

A DISSERTATION

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This dissertation is now ready for examination.

Place: Nagpur

Date: 30/06/2023

Dr. D. R. Chaple

(Principal)

PRINCIPAL
Priyadarshini J. L. College of
Pharmacy, Nagpur.

**FORMULATION AND EVALUATION OF FOAMING
TABLET AS AN ORAL CLEANSING AGENT**

A DISSERTATION

Submitted for the approval of thesis in partial fulfilment of requirements for

Degree of

MASTER OF PHARMACY

IN

PHARMACEUTICS

In the Faculty of Science and Technology.

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Submitted By

Sushma A. Handekar
(B. Pharm)

Research Guide

Dr. Mrs. Kanchan Upadhye
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2022- 2023**



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CERTIFICATE

This is certify that the work investigation described in this dissertation entitled
**“FORMULATION AND EVALUATION OF FOAMING TABLET AS AN
ORAL CLEANSING AGENT”** is submitted in the partial fulfilment of the
requirement for the degree of **Master of Pharmacy in Pharmaceutics**, in the
faculty of science and technology, **Rashtrasant Tukadoji Maharaj Nagpur
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and not imitated from anywhere. This work has been carried out in laboratories of
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under the guidance and supervision of **Dr. Mrs. Kanchan P. Upadhye**,
Priyadarshini J. L. College of Pharmacy, Nagpur.

This dissertation is now ready for examination.

Place: Nagpur

Date: 28/05/23

Dr. D. R. Chaple

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PRINCIPAL
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**GREEN SYNTHESIS OF SOME NEW QUINOLINE
DERIVATIVES AND EVALUATION OF THEIR CNS
DEPRESSANT ACTIVITY**

THESIS

submitted in partial fulfillment of requirement for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

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This is to certify that the work investigations described in this thesis, entitled "GREEN SYNTHESIS OF SOME NEW QUINOLINE DERIVATIVES AND EVALUATION OF THEIR CNS DEPRESSANT ACTIVITY" submitted in partial fulfillment of requirement for degree of master of pharmacy in pharmaceutical chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J L College of Pharmacy, Nagpur, by Mr. **Jitendra N. Bhalavi** under guidance of **Dr. Dinesh P. Kawade** (Guide) Professor of Pharmaceutical Chemistry Department, Priyadarshini J.L College of Pharmacy Nagpur

This thesis is now ready for examination.

Place: Nagpur

Date : 24/04/2023

Dr. Dinesh R. Chaple

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PRINCIPAL
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**Design, Synthesis and Biological Evaluation of Some New
Thiazolo[3, 2-a]pyrimidine Derivatives**

THESIS

Submitted in partial fulfillment of requirement for the Degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the faculty of Science and Technology

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B. Pharm.

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "**Design, Synthesis and Biological Evaluation of Some New Thiazolo [3, 2-a] pyrimidine Derivatives**" submitted in partial fulfillment of requirement for degree of Master of Pharmacy in Pharmaceutical Chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J. L. College of Pharmacy, Nagpur, by **Ms. Kalyani D. Varge** under guidance of **Dr. (Mrs.) A. J. Asnani** Professor and Head of Pharmaceutical Chemistry Department, Priyadarshini J. L. College of Pharmacy, Nagpur.

This thesis is now ready for examination.

Place: Nagpur

Date: 26/05/2020

Dr. Dinesh R. Chaple

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PRINCIPAL
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Pharmacy, Nagpur.

**Design, Green Synthesis and Biological Evaluation of Some
Novel Pyrazole Derivatives as CNS Stimulants**

THESIS

Submitted in partial fulfillment of requirement for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "**Design, Green Synthesis and Biological Evaluation of Some Novel Pyrazole Derivatives as CNS Stimulants**" submitted in partial fulfillment of requirement for degree of master of pharmacy in pharmaceutical chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J. L. College of Pharmacy, Nagpur, by **Mr. Vaibhav N. Mohare** under guidance of **Dr. Mrs. Alpans J. Asnani** (Guide) Professor of Pharmaceutical Chemistry Department, Priyadarshini J. L. College of Pharmacy Nagpur

This thesis is now ready for examination.

Place: Nagpur

Date: 29/05/23

Dr. Dinesh R. Chaple

PRINCIPAL
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Pharmacy, Nagpur.

**Design, Synthesis, and Evaluation of Anticonvulsant Activity of
Novel Fused Quinazoline Derivatives**

THESIS

Submitted in partial fulfillment of requirement for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "Design, Synthesis, and Evaluation of Anticonvulsant Activity of Novel Fused Quinazoline Derivatives" submitted in partial fulfillment of requirement for degree of master of pharmacy in pharmaceutical chemistry, in the faculty of Science and Technology, Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur, by **Mr. Swaraj R. Wankhede** under guidance of **Dr. Dinesh R. Chaple** Principal and Professor of Pharmaceutical Chemistry Department, Priyadarshini J.L. College of Pharmacy Nagpur.

This thesis is now ready for examination.

Place: Nagpur

Date: 28/05/2022

Dr. Dinesh R. Chaple

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Priyadarshini J. L. College of
Pharmacy, Nagpur.

**DESIGN, GREEN SYNTHESIS AND PHARMACOLOGICAL
EVALUATION OF SOME NEW BENZOTHAIAZOLE
DERIVATIVES**

THESIS

submitted in partial fulfillment of requirement for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

By

Ms. Chetna R. Pardhi

(B. Pharm)

Guide

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "**DESIGN, GREEN SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF SOME NEW BENZOTHAIAZOLE DERIVATIVES**" submitted in partial fulfillment of requirement for degree of Master of Pharmacy in Pharmaceutical Chemistry, in the Faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in the laboratories of Priyadarshini J L College of Pharmacy, Nagpur, by **Ms. Chetna R. Pardhi** under guidance of **Dr. Dinesh P. Kawade** (Guide) Associate Professor Pharmaceutical Chemistry Department, Priyadarshini J L College of Pharmacy Nagpur.

This thesis is now ready for examination.

Place: Nagpur

Date: 90/66/23

Dr. D. R. Chaple

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PRINCIPAL
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**Design, Synthesis, Characterization and Evaluation
of Antidiabetic Activity of Some New Indole Derivatives**

THESIS

submitted in partial fulfillment of requirement for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

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B.Pharm.

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "**Design, Synthesis, Characterization and Evaluation of Antidiabetic Activity of Some New Iadole derivatives**" submitted in partial fulfillment of requirement for degree of master of pharmacy in pharmaceutical chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur, by **Mr. Prasad A. Taite** under my guidance.

This thesis is now ready for examination.

Place: Nagpur

Date: 03/07/23

Dr. Dinesh R. Chaple

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Priyadarshini J. L. College of
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Design, Synthesis and Pharmacological Activity of Chromone Hydrazone Derivatives

THESIS

Submitted in the partial fulfillment of the requirement for the Degree of

Master of Pharmacy

In

Pharmaceutical Chemistry

In the Faculty of Science and Technology

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CERTIFICATE

This is to certify that the work investigations described in this thesis entitled "**Design, Synthesis and Pharmacological Activity of Chromone Hydrazone Derivatives**" submitted in partial fulfillment of requirement for degree of Master of Pharmacy in Pharmaceutical Chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by Ms. Ashwini D. Tembhare under my guidance and to my satisfaction.

This thesis is now ready for examination.

Place: Nagpur

Date: 04/10/23

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PRINCIPAL
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Design and Synthesis of New Benzimidazole Derivatives as Anti-Depressant Activity

THESIS

Submitted in the partial fulfillment of the requirement for the Degree of

MASTER OF PHARMACY

IN

PHARMACEUTICAL CHEMISTRY

In the Faculty of Science and Technology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

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CERTIFICATE

This is to certify that the work investigations described in this thesis entitled "**Design and Synthesis of New Benzimidazole Derivatives as Anti-depressant Activity**" submitted in partial fulfillment of requirement for degree of Master of Pharmacy in Pharmaceutical Chemistry, in the faculty of Science and Technology, Rashtrasar Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge concerned and not imitated from anywhere. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur, by **Ms. Gitanjali R. Gadpayle** under the guidance of **Dr. Dinesh P. Kawade** Associate Professor, Department of Pharmaceutical Chemistry at Priyadarshini J.L. College of Pharmacy, Nagpur.

This thesis is now ready for examination.

Place: Nagpur

Date: 30-06-2023

Dr. D. R. Chaple

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PRINCIPAL
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Pharmacy, Nagpur.

Development and Validation of Analytical Methods for Estimation of Preservatives in Pharmaceutical Formulation by AQbD Approach

THESIS

submitted in partial fulfillment of requirement for the degree of

Master of Pharmacy

In

Pharmaceutical Chemistry

In the Faculty of Science and Technology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Submitted by

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CERTIFICATE

This is to certify that the work investigations described in this thesis, entitled "Development and Validation of Analytical Methods for Estimation of Preservatives in Pharmaceutical Formulation by AQbD Approach" submitted in partial fulfillment of requirement for degree of Master of Pharmacy in Pharmaceutical Chemistry, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the Priyadarshini J. L. College of Pharmacy, Nagpur, by Ms. Homeshwari P. Patode under guidance of Dr. (Mrs.) Alpna J. Asmani Professor and Head of Pharmaceutical Chemistry Department, Priyadarshini J. L. College of Pharmacy, Nagpur.

This thesis is now ready for examination.

Place: Nagpur

Date: 30/05/2025

Dr. D. R. Chaple

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PRINCIPAL
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Pharmacy, Nagpur.

**INVESTIGATION ON NOVEL
PHYTOPHARMACEUTICAL COMBINATION IN
EXPERIMENTALLY INDUCED SCHIZOPHRENIA LIKE
CONDITION**

A DISSERTATION

Submitted in Partial Fulfillment of the Requirement for the Degree of

MASTER OF PHARMACY

IN

PHARMACOLOGY

In the Faculty of Science and Technology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Submitted By

Mr. Praful D. Padole

B. Pharm

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Dr. D. R. Chaple

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CERTIFICATE

*This is to certify that the investigations described in this dissertation, entitled "Investigation on Novel Phytopharmaceutical Combination in Experimentally Induced Schizophrenia Like Condition" is submitted in partial fulfillment for the degree of Master of Pharmacy in Pharmacology, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the Priyadarshini J. L. College Pharmacy, Nagpur, by **Mr. Praful Padole** under my guidance and supervision.*

This dissertation is now ready for examination.

Date: 03/09/2023

Place: Nagpur

Dr. D. R. Chaple

Principal & Guide
PRINCIPAL
Priyadarshini J. L. College of
Pharmacy, Nagpur.

**PRECLINICAL INVESTIGATION OF HERBAL EXTRACT FOR ITS
ANTI-ULCER POTENTIAL**

A DISSERTATION

*Submitted in partial fulfilment of the requirement for the
Degree of*

**MASTER OF PHARMACY
IN
PHARMACOLOGY**

*In the faculty of Science and Technology
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Dr. D. R. Chaple

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CERTIFICATE

This is to certify that the investigations described in this dissertation, entitled "Preclinical Investigation of Herbal Extract for its Anti-ulcer Potential" is submitted in partial fulfilment for the degree of Master of Pharmacy in Pharmacology, in faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work had been carried out in laboratory of Priyadarshini J. L. College of Pharmacy, Nagpur, by Ms. Prajakta A. Horode, under the guidance and supervision of Dr. Mrs. Shilpa A. Deshpande, Professor, Priyadarshini J. L. College of Pharmacy, Nagpur.

Date: 03/07/23
Place: Nagpur

Dr. D. R. Chaple

(Principal)
PRINCIPAL

**Priyadarshini J. L. College of
Pharmacy, Nagpur.**

**PHARMACOLOGICAL EVALUATION OF SOME
PHYTOCONSTITUENTS IN ANIMAL PARADIGMS
OF PARKINSON'S DISEASE**

A DISSERTATION

Submitted in Partial Fulfillment of the Requirement for the Degree of

Master of Pharmacy

In

Pharmacology

In the Faculty of Science and Technology

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

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CERTIFICATE

This is to certify that the investigations described in this dissertation, entitled "Pharmacological Evaluation Of Some Phytoconstituents In Animal Paradigms Of Parkinson's Disease" is submitted in partial fulfillment for the degree of Master of Pharmacy in Pharmacology, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the Priyadarshini J. L. College Pharmacy, Nagpur, by Mr. Sahil Ahmad, under the guidance and supervision of Dr. Shilpa A. Deshpande, professor, Head of the Pharmacology department at Priyadarshini J. L. College of Pharmacy, Nagpur.

This dissertation is now ready for examination

Date: 03/06/2023

Place: Nagpur

Dr. D. R. Chaple

(Principal)

**PRINCIPAL
Priyadarshini J. L. College of
Pharmacy, Nagpur.**

**Investigation on Therapeutic Agent
For Its Anti-Psoriatic Potential
A DISSERTATION**

*Submitted in partial fulfilment of the requirement for the
Degree of*

**MASTER OF PHARMACY
IN
PHARMACOLOGY**

***In the faculty of Science and Technology
Rashtrasant Tukadoji Maharaj Nagpur University,
Nagpur.***

Submitted by

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Research Guide

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Certificate

This is to certify that the investigations described in this dissertation, entitled "**Investigation on Therapeutic Agent for its Anti-psoriatic potential**" is submitted in partial fulfilment for the degree of **Maste of Pharmacy in Pharmacology**, in the faculty of **Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work has been carried out in laboratories of the **Priyadarshini J. L. College Pharmacy, Nagpur**, by **Mr. Swapnay Anil Sherekar**, under the guidance and supervision of **Dr. Mrs. Alpana J. Ashani**, professor **Priyadarshini J. L. College of Pharmacy, Nagpur**.

This dissertation is now ready for examination.

Date: 09/10/2023

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**INVESTIGATIONS OF SOME PHYTOPHARMACEUTICAL
AGENTS IN ANIMAL PARADIGMS OF MEMORY IMPAIRMENT**

A DISSERTATION

*Submitted in partial fulfillment of the requirement for the
Degree of*

MASTER OF PHARMACY

IN

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Date: 03/07/23
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**PHARMACOLOGICAL EVALUATION OF ANTI-ULCER
ACTIVITY OF POLYHERBAL COMBINATION IN
RODENTS**

A DISSERTATION

*Submitted in partial fulfilment of the requirement for the
Degree of*

**MASTER OF PHARMACY
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**Preclinical Investigation of Allo-Herbal Combination in
Management of Psychosis like Condition**

A DISSERTATION

Submitted in partial fulfilment of the requirement for the Degree of

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This is to certify that the investigations described in this dissertation, entitled "**Preclinical Investigation of Allo-Herbal Combination in Management of Psychosis like Condition**" is submitted in partial fulfilment for the degree of Master of Pharmacy in Pharmacology, in faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work is original as far as my knowledge is concerned and not imitated from anywhere. This work had been carried out in laboratory of Priyadarshini J. L. College of Pharmacy, Nagpur, by Miss. Yashashree V. Dhawale, under the guidance and supervision of Dr. Mrs. Alpana J. Asnani, Professor and head of pharmaceutical chemistry department Priyadarshini J. L. College of Pharmacy, Nagpur.

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**PRECLINICAL INVESTIGATION OF COGNITIVE
ENHANCERS FOR ANTI-ALZHEIMER ACTIVITY**

A DISSERTATION

Submitted in partial fulfilment of the requirement for the Degree of

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*Date: 09/07/23
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**INVESTIGATION ON NOVEL PHYTOPHARMACEUTICAL
COMBINATION IN EXPERIMENTALLY INDUCED
PARKINSON LIKE CONDITION**

A DISSERTATION

Submitted in Partial Fulfillment of the Requirement for the Degree of

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Date: 03/07/23
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**EVALUATION OF *WEDELIA CHINENSIS* LEAVES
EXTRACT FOR KIDNEY DYSFUNCTION**

THESIS

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This is to certify that the work investigation described in this dissertation entitled, "*Evaluation of Wedella chinensis Leaves Extract for Kidney Dysfunction*" submitted in the partial fulfillment of the degree of Master of Pharmacy in Pharmacognosy, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur. This work has not been carried out in any other university. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by Miss. Swapnaja B. Gunjarkar, under the guidance and supervision of Dr. V. D. Gulkari.

This dissertation is now ready for examination.

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**PHYTOCHEMICAL AND PHARMACOLOGICAL
EVALUATION OF *PLUMERIA RUBRA* FOR KIDNEY
DYSFUNCTION**

THESIS

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This is to certify that the work investigation described in this dissertation entitled, "**Phytochemical and Pharmacological Evaluation of *Plumeria rubra* for Kidney Dysfunction**" submitted in the partial fulfillment of the degree of **Master of Pharmacy in Pharmacognosy**, in the faculty of Science and Technology, **Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur**. This work has not been carried out in any other university. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by Miss, **Samiksha R. Mehare**, under the guidance and supervision of **Dr. V. D. Gulkari**.

This dissertation is now ready for examination.

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**FORMULATION AND EVALUATION OF ORAL CARE PRODUCT
CONTAINING ANTHOCEPHALUS CADAMBA ROXB. LEAVES**

THESIS

Submitted in partial fulfillment of the requirements for the Degree of

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IN

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This is to certify that the work investigation described in this dissertation, entitled "Formulation and Evaluation of oral care product containing *Antiocephalus cadamba* Roxb. Leaves", is submitted in partial fulfillment of the requirement for the degree of *Master of Pharmacy in Pharmacognosy* in the Faculty of Science and Technology, *Rashtraoaji Tukadoji Maharaj Nagpur University, Nagpur*. This work has been carried out in laboratories of the Priyadarshini J. L. College of pharmacy, Nagpur, by *Pooja Subhashkras Nalk*, under the guidance and supervision of *Mrs. Shailja G. Gurnani*, Assistant Professor, Dept. of Pharmacognosy, Priyadarshini J. L. College of Pharmacy, Nagpur.

This dissertation is now ready for examination.

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**PHYTOCHEMICAL AND PHARMACOLOGICAL,
INVESTIGATION OF *VIGNA CAPENSIS* FOR
ANTIDIABETIC ACTIVITY**

THESIS

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CERTIFICATE

This is to certify that the work investigation described in this dissertation entitled, "*Phytochemical and Pharmacological Investigation of Vigna capensis for Antidiabetic Activity*" submitted in the partial fulfilment of the degree of **Master of Pharmacy in Pharmacognosy**, in the faculty of Science and Technology, **Rashtrasant Tukadoji Maharaj, Nagpur University, Nagpur**. This work has not been carried out in any other university. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by Miss. Monika W. Parate, under the guidance and supervision of Dr. V. D. Gulkari.

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Place: Nagpur

Date: 06/07/23

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**Formulation and Evaluation of *Nyctanthes arbor-tristis* seeds for
Antidandruff Properties**

THESIS

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This is to certify that the work investigation described in this dissertation entitled, "*Formulation and Evaluation of Nyctanthes arbor-tristis seeds for Antidandruff Properties*" submitted in the partial fulfillment of the degree of Master of Pharmacy in Pharmacognosy, in the faculty of Science and Technology, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This work has not been carried out in any other university. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by Ms. Tina W. Pandel, under the guidance and supervision of Mrs. S. G. Gurusani.

This dissertation is now ready for examination.

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**Pharmacognostic and Phytochemical Evaluation of *Epiphyllum oxypetalum*
(DC.) Haw. from different Geographical Regions of India**

THESIS

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This is to certify that the work investigation described in this dissertation entitled, "**Pharmacognostic and Phytochemical Evaluation of *Epiphyllum oxypetalum* (DC.) Haw. from different Geographical Regions of India**" submitted in the partial fulfillment of the degree of Master of Pharmacy in Pharmacognosy, in the faculty of Science and Technology, **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**. This work has not been carried out in any other university. This work has been carried out in laboratories of Priyadarshini J.L. College of Pharmacy, Nagpur by **Mr. Aditya R. Kaikale**, under the guidance and supervision of Mrs. S. G. Gurunani.

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