



Criterion no.1.3.2 Percentage of students undertaking project work/field work/internships (Data for the latest complete academic year)

| | INDEX | | | | | | |
|-----------|--|---|--------------------------|--|--|--|--|
| SR. NO | PARTICULARS | REPORTS OF THE PROJECT/FIELD VISITS/INTERNSHIPS | NUMBER OF STUDENTS | | | | |
| | PROJECT WORK | | | | | | |
| 1) | Second Year M. Pharm Research Project/Thesis | View Documents | 60 | | | | |
| 2) | Final Year B. Pharm Project Work | View Documents | 124 | | | | |
| 3) | Fifth Year Pharm-D Research Project Work | View Documents | 36 | | | | |
| 4) | First Year B. Pharm Environmental Science Project | View Documents | 112 | | | | |
| | FIELD WORK | | | | | | |
| 5) | Third Year B. Pharm Industrial Visit to Haffkine Bio-Pharmaceutical LTD | View Documents | 111 | | | | |
| 6) | Second Year B. Pharm Botanical Garden Visit | View Documents | 60 | | | | |
| 7) | Fourth Year Pharm-D Industrial Visit at Bio-radius Therapeutics Research | View Documents | 32 | | | | |
| Tot | Total Number of Students Undertaking Project Work/ Field Work/Internships | | | | | | |
| | 776 | | | | | | |
| Total | 68.94% | | | | | | |





PROJECT WORK

Second Year M. Pharm Research Project/Thesis



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pproved by All India Council for Technical Education, New Dalhi, Pharmacy Council of India, New Dalhi, Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to Savitribai Phule Pune University, Pune & Approved under Section 2 (f) & 12 (B) of UGC Act, 1956

3ctfen No.21, Yemuneneger, Nigeli, Pune-411 044. [M.S.] Tel. | 020-27661315 Fax: 020-27661314 E-mail : mcepnigdi44@gmeil.com Website : www.mcep.org.in

M.Pharm., Ph.D.

Prof. Dr. G. II. Ekharn M.S., M.N.A.M.S. Chairman, Businssa Council

Date- 16-06-2023

M.PHARM SECOND YEAR PHARMACEUTICAL QUALITY ASSURANCE PROJECT DETAILS 2022-2023

| Roll no | Name | Research Topic | Guide Name |
|------------|------------------------------------|--|-------------------|
| QA201 | Agarkar samiksha surendra | Identification and Characterization of D- Limonene and Rosmarinic acid by HPTLC Analysis of Black caraway oil with antioxidant and antibacterial activities. | Dr.pallavi patil |
| QA202 | Auti mayuri kashinath | Formulation and characterization of microcapsulated neem and castor oil in antiaging cream | Dr.A.S tapkir |
| QA203 | Bambale prerana ganesh | A comparative study of green synthesis, characterization and Anti-microbial activity of ZnO, Cu and AgNO3, Nanoparticles of sunflower honey. | Dr. A. Balap |
| QA204 | Chattar harshada jitendra | Development of Polyherbal Anti-Dandruff Hair Shampoos | H.P Pimple |
| QA205 | Chaudhari shiyam anil | Development & Validation of High Perform ance Thin Layer chromatography method for estimation of Pioglitazone in bulk & Analytical marketed formulation by Green Approach. | Dr.K.S.Shaikh |
| QA206 | Gholap abhijit balasahyab | Formulation and evaluation of antiaging ointment containing micro capsulated turmeric and Jojoba oil. | Dr.A.S tapkir |
| QA207 | Humnabadkar shubham chandrakant | Analytical quality by design (QBD) approach for Development and validation of HPLC method for lopinavir; Application to Hydrolytic, Thermal, Oxidative and Photolytic Degradation Kinetics | Dr.pallavi patil |
| QA208 | Jadhav sidheshwar lobhaji | Design and synthesis of surface engineered mesoporous nanoparticles for assessment of anticancer activity of capacitabine | Dr.Minal Harde |
| QA209 | Jagtap kedar abhay | RP-HPLC Method Development & Validation of bulk & Pharmaceutical Dosage form | Mes.V.S.Bavadekar |

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Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Accredited by NAAC

Best College Award by Savitribai Phule Pune University

Speraved by All India Councilfor InchniculEducation, New Dulhi, Pharmocy Council of India, New Dulhi, Directorate of Inchnicul Education, Mumboi (MS), Permanantly Affiliated to Sovitriboi Phule Pune University, Pune & Approved under Section 2 (f) & 12 (8) of UGC Act, 1056

Section Pta. 21, Transmanagur, Nigoli, Puno 411 044, (M.S.) Tel. : 020-27661315 Fax: 020-27661314 E-mail : mcopring/6445-yangil.com Website

M.Pharm., Ph.D.

Prof. Dr. G. R. Ekboro M.S., M.N.A.M.S. Chairman, Business Council

| Principal | | | Chairman, Business Coursell | |
|-----------|----------------------------------|--|-----------------------------|--|
| QA216 | Kharate vrushali dattatraya | Development of validated Stability indicating HPTLC Method for estimation of Febuxostat in bulk and Tablet dosage form by QBD approach. | Dr.M.C Kuchekar | |
| QA211 | Niikalje rushikesh nitin | GC-MS and HPTLC Analysis of Hibisous sabdariffa Linn. and its antimicrobial activity with formulated nanoparticles | Dr.K.S Kakad | |
| QA212 | Patil aukkita pradeep | Design & Synthesis of fluorescent carbon dots and their applications. | Dr.Minal Harde | |
| QA213 | Sulunkhe manisho sanjay | Green Chemistry Approach to Analytical method development & Validation For estimation of Telmisartan by using Ultraviolet spectrophotometric & High Performance Thin Layer Chromatography | Dr. K.S.Shaikh | |
| QA214 | Surryawanshi pratiksha mahade | Design, formulation and evaluation of polyherbul gel Formulation from Honey & Catharanthus-roseus flowers extracts for it's wound Healing Activity. | Dr.A.Balap | |
| QA215 | Thete dipali sanjay | Identification and Quantification of potential genotoxic impurities from Rilpivicine Hydrochloride By Chromatographic Technique | Dr V.V Chopde | |
| QA216 | Wadgave pooja bandappa | Quantification and validation of sildenafil in bulk and dosage form by High performance thin layer chromatography, High performance liquid chromatography and UV Spectroscopy by using Hydrotropic Agents | Dr V.V Chopde | |

0

Dt.K.S.Shaikh

H.O.D

Dr.C. D. Chaudharf

Principal

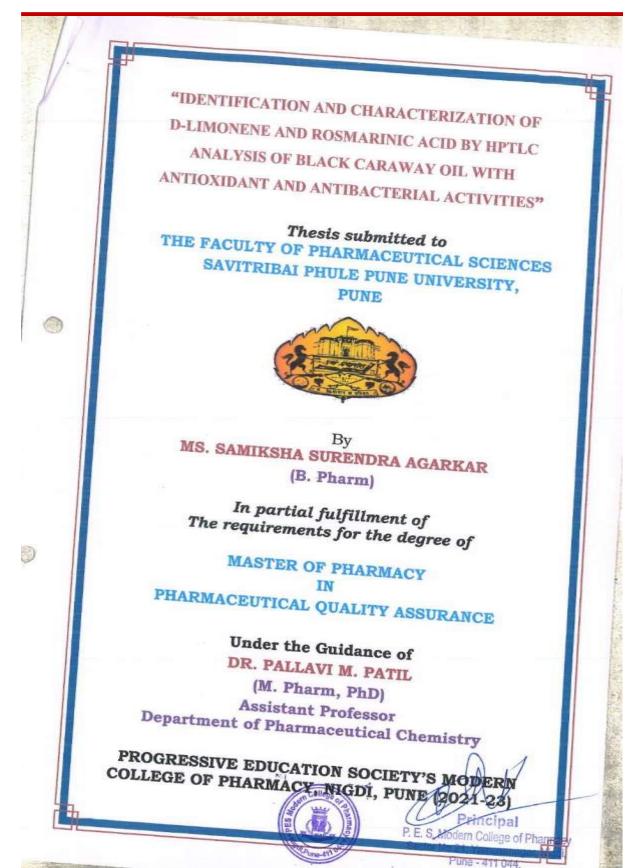
P. E. S. Modern College of Pharmic Sector No. 21, Yamunanagan, Nigur

Pune - 411 044.

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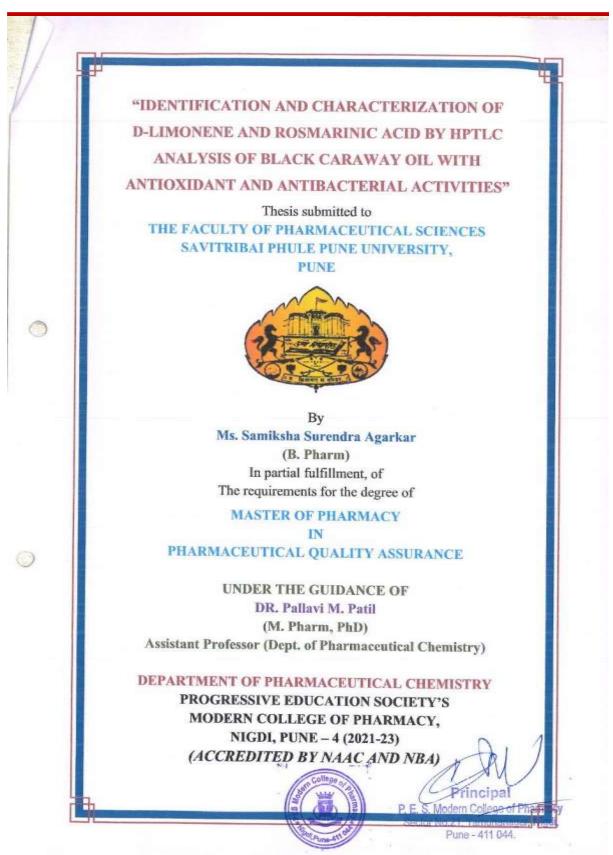
















(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. SAMIKSHA SURENDRA AGARKAR declare that the thesis entitled, "IDENTIFICATION AND CHARACTERIZATION OF D-LIMONENE AND ROSMARINIC ACID BY HPTLC ANALYSIS OF BLACK CARAWAY OIL WITH ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. PALLAVI M PATIL has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: | 8/6/2023

Place: Nigdi, Pune

Ms. Samiksha S Agarkar

P. E. S. Hodern College of Pharma Sector No.21, Yamunanagar, Nigo



0





Assistant professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "IDENTIFICATION AND CHARACTERIZATION OF D-LIMONENE AND ROSMARINIC ACID BY HPTLC ANALYSIS OF BLACK CARAWAY OIL WITH ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES" submitted for degree of Master of Pharmacy, is the record of research work carried out by Ms. SAMIKSHA SURENDRA AGARKAR under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 18/6/2 023

Place: Nigdi, Pune

Dr. PALLAVI M. PATIL

(M.pharm, PhD)

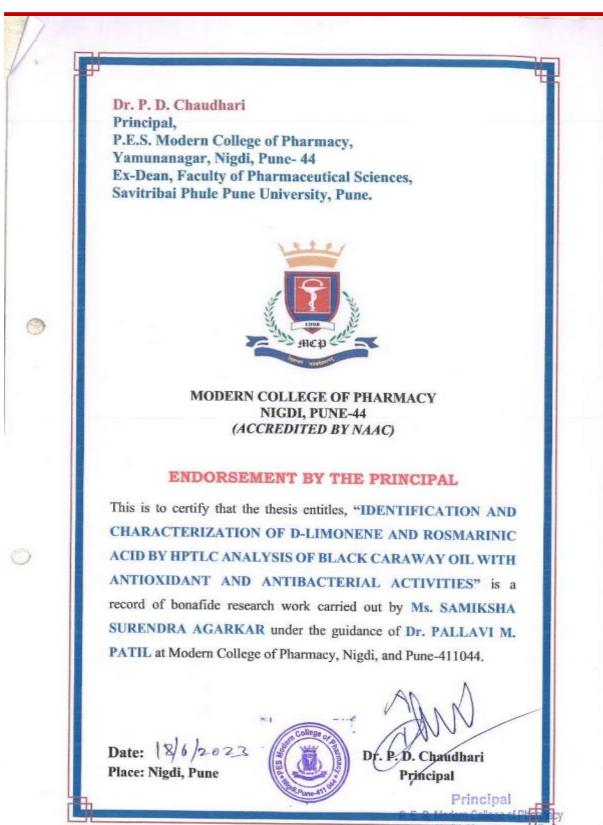
Research Guide

Principal

Pune - 411 044.







Pune - 411 044.





"FORMULATION AND CHARACTERIZATION OF MICROENCAPSULATED NEEM AND CASTOR OILS IN ANTIAGING CREAM"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Ms. AUTI MAYURI KASHINATH

(B. Pharm.)

In partial fulfillment of

The requirements for the degree of

MASTER OF PHARMACY IN Pharmaceutical Quality Assurance

Under the Guidance of Dr. AMIT S. TAPKIR

(M. Pharm. PhD)

Assistant Professor

(Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY
ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY,

NIGDI, PUNE-44

(2022-23)









DECLARATION

I am MS. AUTI MAYURI KASHINATH declare that the thesis entitled "FORMULATION AND CHARACTERIZATION OF MICROENCAPSULATED NEEM AND CASTOR OILS IN ANTIAGING CREAM" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any university/organization

Date: 13/66/2023

Place: Nigdi, Pune

Ms. Auti Mayuri Kashinath







DR. AMIT S. TAPKIR

Assistant Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND CHARACTERIZATION OF MICROENCAPSULATED NEEM AND CASTOR OILS IN ANTIAGING CREAM" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MS. AUTI MAYURI KASHINATH under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 13/06/2023 Place: Nigdi, Pune Dr. Amit S. Tapkir Research Guide

Principal
P. E. S. Modern College of Pharmac Sector No. 21, Yamunanagar, Nigdi







DR. KARIMUNNISA S. SHAIKH

Head of Department, (Pharmaceutical Quality Assurance) PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND CHARACTERIZATION OF MICROENCAPSULATED NEEM AND CASTOR OILS IN ANTIAGING CREAM" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MS. AUTI MAYURI KASHINATH under the guidance and supervision of DR. AMIT S. TAPKIR at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 13/66/2023

Place: Nigdi, Pune

Dr. Kar

Dr. Karimunnisa S. Shaikh

P. E. S. Modern College of Pharmacy Sector No.21 Yempherson, Niedi

incipal

Pune Pari Day







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled,
"FORMULATION AND CHARACTERIZATION OF
MICROENCAPSULATED NEEM AND CASTOR OILS IN
ANTIAGING CREAM". For MASTER OF PHARMACY
(PHARMACEUTICAL QUALITY ASSURANCE) is a
record of bonafide research work carried out by MS. AUTI
MAYURI KASHINATH under the guidance of DR. AMIT S.
TAPKIR at P.E.S. Modern College of Pharmacy, Nigdi, Pune
44 during the academic year 2022-2023.

Date: 13/06/2023

Place: Nigdi, Pune

P.D. Chaudhari Principal,

Principal
P. E. S. Modern College of Pharm

Pune - 411 044





A COMPARATIVE STUDY OF GREEN SYNTHESIS, CHARACTERIZATION AND ANTI-MICRCOBIAL ACTIVITY OF ZnO, Cu AND AgNO3, NANOPARTICLES OF SUNFLOWER HONEY

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Prerana Ganesh Bambale

(M. Pharm.)
In partial fulfillment of

The requirements for the degree of MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of Dr. A.R. BALAP

(M. Pharm. PhD)

Associate Professor

(Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (2022-23)







SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. PRERANA GANESH BAMBALE declare that the thesis entitled "A COMPARATIVE STUDY OF GREEN SYNTHESIS, CHARACTERIZATION AND ANTI-MICRCOBIAL ACTIVITY OF ZnO, Cu AND AgNO3, NANOPARTICLES OF SUNFLOWER HONEY" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. A.R. BALAP has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 15/6/2023

Ms. PRERANA GANESH BAMBALE

P. G. Bambi

Place: Pune







DR. A. R. BALAP

Associate Professor, Department of Pharmaceutical Chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "A COMPARATIVE STUDY OF GREEN SYNTHESIS, CHARACTERIZATION AND ANTI-MICRCOBIAL ACTIVITY OF ZnO, Cu AND AgNO3, NANOPARTICLES OF SUNFLOWER HONEY", submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by Ms. PRERANA GANESH BAMBALE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 15/06/2023

Place: Pune

Dr. A.R. BALAP Research Guide

> Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Principal P. E. S. Modern College of Pharmacy







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamuna Nagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 15/0/2023

Place: Pune

Dr. Karimunnisa S. Shaikh HOD

Principal
P. E. S. Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamuna Nagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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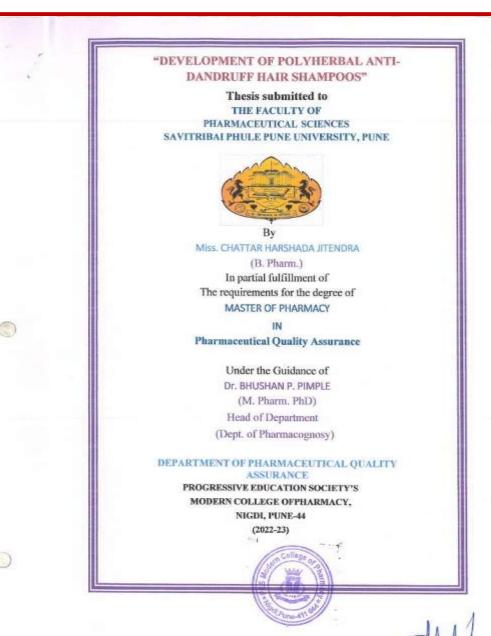
Date: 15/6/2023

Place: Nigdi, Pune

Dr. P.D. Chaudhari Principal











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MISS. CHATTAR HARSHADA JITENDRA declare that the thesis entitled "DEVELOPMENT OF POLYHERBAL ANTI-DANDRUFF SHAMPOOS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. BHUSHAN P. PIMPLE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16/06/23

Miss. CHATTAR HARSHADA JITENDRA

Place: Pune



()





PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. BHUSHAN P. PIMPLE

Head of Department, (PHARMACOGNOSY) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "DEVELOPMENT OF POLYHERBAL ANTI-DANDRUFF SHAMPOOS" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MISS. CHATTAR HARSHADA JITENDRA under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 16/6/23

Place: Pune

Dr. Bhushan P. Pimple Research Guide







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 16/6/23 Place: Pune

Dr. Karimunnisa S. Shaikh HOD







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 16/6/23

Place: Nigdi, Pune

Dr. P.D. Chaudhari Principal







Thesis submitted to THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. CHAUDHARI SHIVAM ANIL

(B. Pharm.)

In partial fulfillment of The requirements for the degree of MASTER OF PHARMACY

Pharmaceutical Quality Assurance

Under the Guidance of Dr. KARIMUNNISA S. SHAIKH (M. Pharm. PhD) Head of Department

(Dept. of Pharmaceutical Quality Assurance)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. CHAUDHARI SHIVAM ANIL declare that the thesis entitled "DEVELOPMENT AND VALIDATION OF ESTIMATION METHOD FOR PIOGLITAZONE IN BULK AND MARKETED FORMULATIONS BY GREEN APPROACH" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. KARIMUNNISA S. SHAIKH has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 18/66/23

Place: Pune

Mr. CHAUDHARI SHIVAM ANIL







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF PIOGLITAZONE IN BULK AND MARKETED FORMULATIONS BY GREEN APPROACH" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MR. CHAUDHARI SHIVAM ANIL under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 18/06/23

Place: Pune

Dr. Karimunnisa S. Shaikh Research Guide

Principal







MRS. SHEETAL CHAUDHARI

Assistant Professor, Department of Pharmaceutical Chemistry, P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44

CERTIFICATE BY THE CO-GUIDE

This is to certify that the research work presented in this thesis entitled, "DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF PIOGLITAZONE IN BULK AND MARKETED FORMULATIONS BY GREEN APPROACH" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MR. CHAUDHARI SHIVAM ANIL under my co-guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 18/6/23 Place: Pune

Mrs. Sheetal Chaudhari Research Co-Guide







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamumanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 19/06/23 Place: Pune

Dr. Karimunnisa S. Shaikh HOD

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanegar, Nigdi,
Pune - 411 044.

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF PIOGLITAZONE IN BULK AND MARKETED FORMULATIONS BY GREEN APPROACH". For MASTER OF PHARMACY (PHARMACEUTICAL QUALITY ASSURANCE) is a record of bonafide research work carried out by MR. CHAUDHARI SHIVAM ANIL under the guidance of DR. KARIMINNISA S. SHAIKH at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2021-2022.

Date: 18/6/23 Place: Nigdi, Pune Dr. P.D. Chaudhari Principal





"FORMULATION AND EVALUATION OF ANTIAGING OINTMENT CONTAINING MICROENCAPSULATED TURMERIC AND JOJOBA OIL"

> Thesis submitted to THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By MR. GHOLAP ABHIJIT BALASAHEB

(B. Pharm)

In partial fulfillment of,

The requirements for the degree of

MASTER OF PHARMACY IN Pharmaceutical Quality Assurance

> Under the Guidance of DR. AMIT S. TAPKIR (M. Pharm. PhD)

> > Assistant Professor

(Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

> PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFFHARMACY, NIGDI, PUNE-44

> > (2022-23)





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. GHOLAP ABHIJIT BALASAHEB declare that the thesis entitled "FORMULATION AND EVALUATION OF ANTIAGING OINTMENT CONTAINING MICROENCAPSULATED TURMERIC AND JOJOBA OIL" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: |6/6/23

Place: Nigdi, Pune

Mr. GHOLAP ABHIJIT BALASAHEI

P. E. S. Modern College of Pharmacy

Puna Allium







DR. AMIT S. TAPKIR

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

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Date: 16/6/23Place: Nigdi, Pune College or of the state of the

Dr. Amit S. Tapkir Research Guide

Sector No.21, Yamunanagar, Nigdi Pune - 411 044.







DR. KARIMUNNISA S. SHAIKH

Head of Department, (Pharmaceutical Quality Assurance) PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF ANTIAGING OINTMENT CONTAINING MICROENCAPSULATED TURMERIC AND JOJOBA OIL" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MR. GHOLAP ABHIJIT BALASAHEB under the guidance and supervision of DR. AMIT S. TAPKIR at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 16/6/23 Place: Nigdi, Pune ollege of older

Dr. Karimunnisa S. Shaikh

P. E. S. Modern College of Pharmacy

Pune - 411 04







DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled,
"FORMULATION AND EVALUATION OF ANTIAGING OINTMENT CONTAINING MICROENCAPSULATED
TURMERIC AND JOJOBA OIL" For MASTER OF
PHARMACY (PHARMACEUTICAL QUALITY
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of Pharmacy, Nigdi, Pune-44 during the academic year 2022-

Date: 16/6/23 Place: Nigdi, Pune

2023.

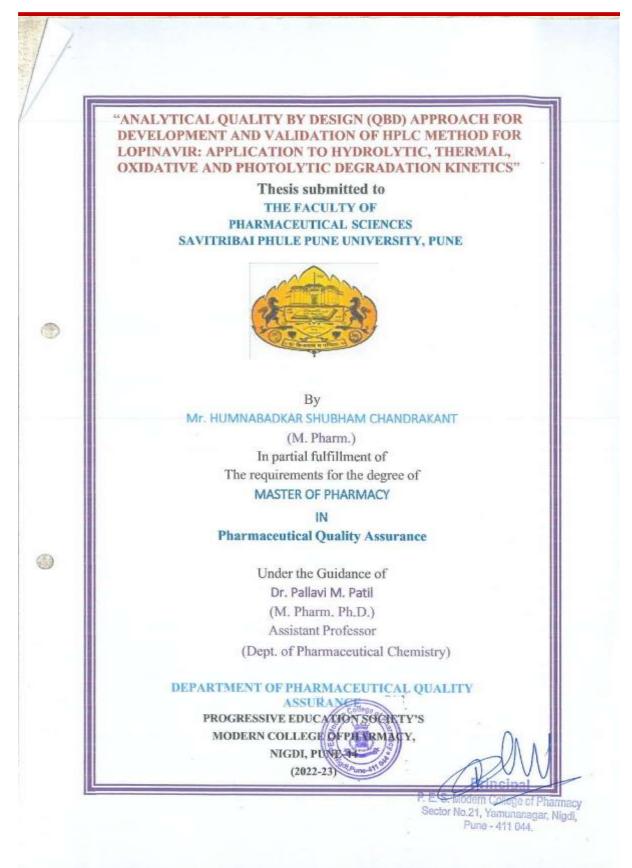
Dr. P. D. Chandbar Principal

P. E. S. Modern College of Pharm

Pune - 411 044

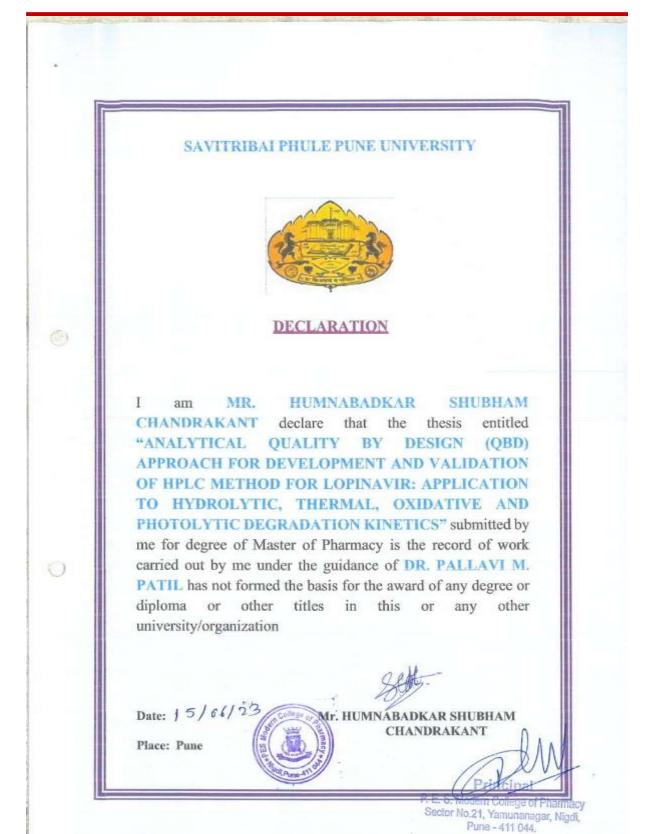


















PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. PALLAVI M. PATIL

Associate Professor, Department of Pharmaceutical Chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "ANALYTICAL QUALITY BY DESIGN (QBD) APPROACH FOR DEVELOPMENT AND VALIDATION OF HPLC METHOD FOR LOPINAVIR: APPLICATION TO HYDROLYTIC, THERMAL, OXIDATIVE AND PHOTOLYTIC DEGRADATION KINETICS" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MR. HUMNABADKAR SHUBHAM CHANDRAKANT under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 15/6/23

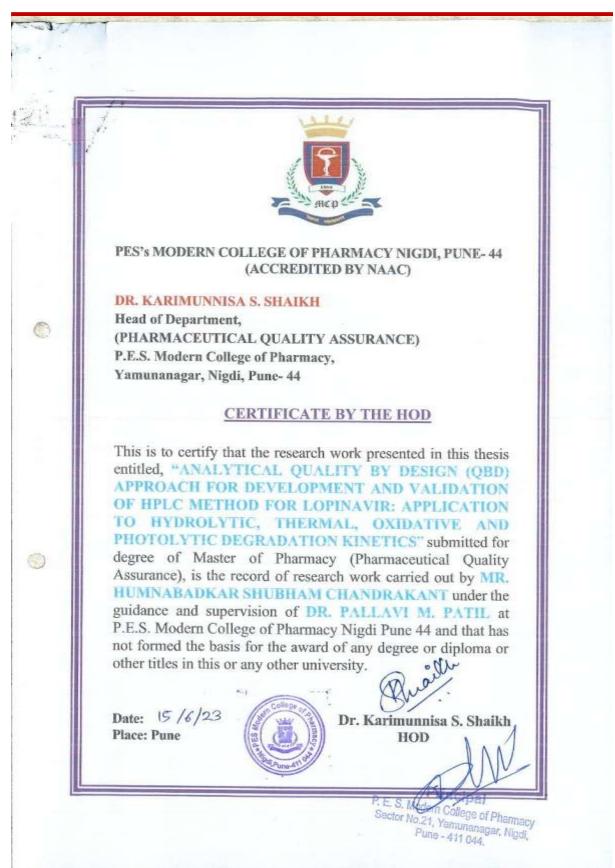
Place: Pune



Dr. Pallavi M. Patil Research Guide













DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 15/6/23

Place: Nigdi, Pune

A) Chaidhari Principal





"DESIGN AND SYNTHESIS OF MESOPOROUS ALUMINA NANOPARTICLES FOR ASSESSMENT OF ANTICANCER ACTIVITY OF CAPECITABINE"

Thesis submitted to THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Ву

Mr. JADHAV SIDHESHWAR LOBHAJI

(B. Pharm.)

In partial fulfillment of The requirements for the degree of MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of

Dr. MINAL, T. HARDE

(M. Pharm. PhD)

Assistant Professor

(Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44 (2022-23)



ege of Pharmacy No.21, Yamunanagar, Nigdi, Pune - 411 044.







DR. MINALT. HARDE

Associate Professor, Department of Pharmaceutical chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "DESIGN AND SYNTHESIS OF MESOPOROUS ALUMINA NANOPARTICLES FOR ASSESSMENT OF ANTICANCER ACTIVITY OF CAPECITABINE" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MR. JADHAV SIDHESHWAR LOBHAJI under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 19/6/23

Place: Pune

Dr. Minal T. Harde Research Guide







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

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Date: 19/6/23 Place: Nigdi, Pune Dr. P.D. Chaudhari Principal

S. Modern College of Pharmacy

Pune - 411 044.



0



"RP-HPLC Method Development and Validation of Bulk and Pharmacetical Dosage form"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



Mr. KEDAR ABHAY JAGATAP

(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL QUALITY ASSURANCE

UNDER THE GUIDANCE OF

Dr. P. D. CHADHAURI

(M. Pharm, PhD)
Principal
P.E.S. Modern College of Pharmacy, Nigdi, Pune

Mrs. V. S. BAVADEKAR

(M. Pharm)
Assistant professor
(Dept of Pharmaceutical chemistry)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44

(2022 - 2023)

Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Mr. Kedar Abhay Jagtap declare that the thesis entitled, "RP-HPLC Method Development and Validation of in Bulk and Pharmacetical Dosage form" submitted by me for degree of 'Master of Pharmacy' is the record of work carried out by me under the guidance of Dr. P. D. Chaudhari and Mrs. V. S. Bavadekar and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 15 06 2023

Place: pune

Mr. KEDAR A. JAGTAP

College Of American



0



P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "RP-HPLC Method Development and Validation of in Bulk and Pharmaceutical Dosage form", submitted for degree of Masterof Pharmacy, is the record of research work carried out by her under my guidanceand supervision and that this has not formed the basis for the award of any degreeor diploma or other titles in this or any other University.

Date: 15/06/2023

Place: Pun &

Mrs. V. S. Bavadekar

(M. Pharm)

Research Co-Guide

P. E. S. Medem Cellage of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

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DR. KARIMUNNISA .S .SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "RP-HPLC method development and validation of bulk and pharmaceutical dosage form" submitted for degree of Master of Pharmacy (Pharmaceutical quality assurance), is the record of research work carried out by Mr. KEDAR ABHAY JAGTAP under my guidance and supervision of DR. P.D. CHAUDHARI at P.E.S modern college of pharmacy nigdi pune 44 and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

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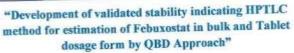
r. KARIMUNNISA S. SHAIKH

Sector No 24 V College of Pharmacy

Fulle - 411 044







Thesis submitted to

THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Ms. KHARATE VRUSHALI DATTATRAYA

(B. Pharm.)
In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of Dr. MOHINI C. KUCHEKAR (M. Pharm. PhD) Associate professor (Dept. of Pharmacognosy)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE college

PROGRESSIVE EDUCATION SOCIETY MODERN COLLEGE OFPHARMACY, NIGDI, PUNE

(2022-23)





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MS. KHARATE VRUSHALI DATTATRAYA declare that the thesis entitled "Development of validated stability indicating HPTLC method for estimation of Febuxostat in bulk and Tablet dosage form by QBD Approach" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. MOHINI C. KUCHEKAR has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16/6/23 Ms. KHARATE VRUSHALI DATTATRAYA

Place: Pune







DR. MOHINI C. KUCHEKAR

Associate Professor, Department of Pharmacognosy, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

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Date: |6/6/2

Place: Pune

Dr. Mohini C. Kuchekar Research Guide

> Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

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Date: 16/6/23

Place: Pune

Dr. Karimunnisa S. Shaikh HOD



0





PES'S MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: |6/6/23 Place; Nigdi, Pune

Dr.P.D. Chandhari Principal





"GC-MS AND HPTLC ANALYSIS OF HIBISCUS SABDARIFFA LINN. AND ITS ANTIMICROBIAL ACTIVITY WITH FORMULATED NANOPARTICLES"

Thesis submitted to

THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Mr. NIKALJE RUSHIKESH NITIN

(B. Pharm.)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of Dr. KALYANI S. KAKAD

(M. Pharm. PhD)

Associate Professor

(Dept. of Pharmacognosy)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE-44

(2022-23)

E. S. Modern College of Pharm

Pune - 411 044





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. NIKALJE RUSHIKESH NITIN declare that the thesis entitled "GC-MS AND HPTLC ANALYSIS OF HIBISCUS SABDARIFFA LINN. AND ITS ANTIMICROBIAL ACTIVITY WITH FORMULATED NANOPARTICLES" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. KALYANI S. KAKAD has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 14/6/23

Place: Pune

Mr. NIKALJE RUSHIKESH NITIN







DR. KALYANI S. KAKAD

Associate Professor, Department of Pharmacognosy, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

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Date: 14/6/23

Place: Pune

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Dr. Kalyani S. Kakad Research Guide

P. E. S. Modern College of Pharmacy

Pune - 411 044







DR. KARIMUNNISA S. SHAIKH

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Date: 14/6/23

Place: Pune

Dr. Karimunnisa S. Shaikh

HOD

S Modern College of Pharmacy

Pune - 411 044.







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
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Date: 14/6/23 Place: Nigdi, Pune Tollege and the second second

Dr. P.D. Chaudhari Principal





"DESIGN AND SYNTHESIS OF FLUROSCENT CARBON DOTS AND THEIR APPLICATIONS"

Thesis submitted to

THE FACULTY OF

PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By MISS. PATIL ANKITA PRADEEP

(B. Pharm.)

In partial fulfillment of The requirements for the degree of MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of Dr. MINAL. T. HARDE (M. Pharm. PhD) Assistant Professor (Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44 (2022-23)









DR. MINALT, HARDE

Associate Professor, Department of Pharmaceutical chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "DESIGN AND SYNTHESIS OF FLUROSCENT CARBON DOTS AND THEIR APPLICATIONS" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MISS.PATIL ANKITA PRADEEP under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 17/6/23 Place: Pune

Dr. Minal T. Harde Research Guide

College of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 17/6/23 Place: Nigdi, Pune Dr. P.D. Chaudhari Principal





"Green Chemistry Approach to Analytical Method Development and Validation for Estimation of Telmisartan by Using Ultraviolet Spectroscopy and High Performance Thin Layer Chromatography"

Thesis submitted to THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



MISS.SALUNKHE MANISHA SANJAY

(B. Pharm.) Impartial fulfillment of The requirements for the degree of MASTER OF

PHARMACY

IN Pharmaceutical Quality Assurance

Under the Guidance of Dr. KARIMUNNISA S. SHAIKH (M. Pharm. PhD) HEAD OF DEPARTMENT -

(Dept. of Pharmaceutical Quality Assurance)

DEPARTMENT OF PHERMAGEUTICAL QUALITY

PROGRESSIVE EDUCATION SOCIETY'S



0



MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (2022-23)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MISS, SALUNKHE MANISHA SANJAY declare that the thesis entitled "GREEN CHEMISTRY APPROACH TO ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF TELMISARTAN BY USING ULTRAVIOLET SPECTROSCOPY AND HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. KARIMUNNISA S. SHAIKH has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 16/6/23

MRSS, SALUNKHE MANISHA SANJAY

Place: Pune

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







DR.KARIMUNNISA S. SHAIKH
Head of Department,
Department of Pharmaceutical Quality Assurance,
P.E.S. Modern College of Pharmacy,
Nigdi ,Pune-44.

CERTIFICATE BY THE GUIDE

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Date: 16/6/23

Place: Pune

Dr. KARIMUNNISA S. SHAIKH Research Guide

Principal







MRS, SHEETAL CHAUDHARI

Assistant Professor, Department of Pharmaceutical Chemistry, P.E.S. Modern College of Pharmacy, Yamumanagar, Nigdi, Pune-44

CERTIFICATE BY THE CO-GUIDE

This is to certify that the research work presented in this thesis entitled, "GREEN CHEMISTRY APPRROACH TO ANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF TELMISARTAN BY USING ULTRAVIOLET SPECTROSCOPY AND HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY "submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MISS. SALUNKHE MANISHA SANJAY under my co-guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |6/6/2

Mrs. Sheetal Chaudhari Research Co-Guide

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44

CERTIFICATE BY THE HOD

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Date: 16/6/23 Place: Pune

Dr.Karimunnisa S. Shaikh HOD







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

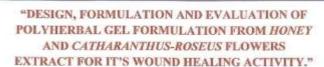
ENDORSEMENT BY THE PRINCIPAL

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METHOD DEVELOPMENT AND VALIDATION FOR
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PERFORMANCE THIN LAYER CHROMATOGRAPHY".
For MASTER OF PHARMACY (PHARMACEUTICAL
OUT BY MISS, SALUNKHE MANISHA SANJAY under the guidance
of DR. KARIMUNNISA S, SHAIKH at P.E.S. Modern College of
Pharmacy, Nigdi, Pune 44 during the academic year
2022-2023

Date: 1616/23 Place: Nigdi, Pune Dt. P.D. Chandhari Principal







Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Miss. PRATIKSHA MAHADEV SURYAWANSHI

(B. Pharm.)
In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of Dr. AISHWARYA R . BALAP (M. Pharm. PhD) Assistant Professor

(Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHEARMACY,
NIGOL, PRINCAPING

(2022-23)









DECLARATION

I am Miss. PRATIKSHA MAHADEV SURYAWANSHI declare that the thesis entitled "DESIGN, FORMULATION AND EVALUATION OF POLYHERBAL GEL FORMULATIONS FROM HONEY AND CATHARANTHUS-ROSEUS FLOWERS EXTRACT FOR ITS WOUND HEALING ACTIVITY" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. AISHWARYA R. BALAP has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 17/6/23

Miss. PRATIKSHA MAHADEV SURYAWANSHI

Place: Pune



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PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. AISHWARYA R. BALAP

Associate Professor, Department of Pharmaceutical chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "DESIGN, FORMULATION AND EVALUATION OF POLYHERBAL GEL FORMULATION FROM HONEY AND CATHARANTHUS-ROSEUS FLOWER EXTRACT FOR IT'S WOUND HEALING ACTIVITY." submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by Miss PRATIKSHA MAHADEV SURYAWANSHI under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 17/6/2 Place: Pune

Dr. AISHWARYA R . BALAP Research Guide







DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44

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Date: 17/6/23 Place: Pune Dr

Dr. Karimunnisa S. Shaikh HOD

TO SERVICE SER







DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

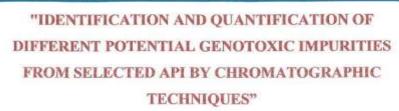
This is to certify that the research presented in this thesis entitled, "DESIGN, FORMULATION AND EVALUATION OF POLYHERBAL GEL FROMULATION FROM HONEY AND CATHARANTHUS-ROSEUS FLOWERS EXTRACT FOR ITS WOUND HEALING ACTIVITY". For MASTER OF PHARMACY (PHARMACEUTICAL QUALITY ASSURANCE) is a record of bonafide research work earried out by Miss PRATIKSHA MAHADEV SURYAWANSHI under the guidance of DR. AISHWARYA. R. BALAP at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 17/6/23 Place: Nigdi, Pune

Dr. P.D. Chaudhari Principal







Thesis submitted to

THE FACULTY OF SCIENCES
AND TECHNOLOGY
SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE



Ву

Ms. DIPALI SANJAY THETE

B. Pharm

In partial fulfillment, of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL QUALITY ASSURANCE

UNDER THE GUIDENCE OF Dr. VITTHAL V. CHOPADE Associate Professor M. Pharm, Ph.D.

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE – 44

(2022-23)

P. E. S. Modern College of Phanes Sector No.21 Yamananagas, N Puns - 411 044.





(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. DIPALI SANJAY THETE declare that the thesis entitled, "IDENTIFICATION AND QUANTIFICATION OF DIFFERENT POTENTIAL GENOTOXIC IMPURITIES FROM SELECTED API BY CHROMATOGRAPHIC TECHNIQUES" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. VITTHAL V. CHOPADE has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 08/03/23

Ms. DIPALI SANJAY

Place: Nigdi, Pune





DR. KARIMUNNISA S. SHAIKH

Head Of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE HOD

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Date: 8/5/25
Place: Nigdi, Pune.

Dr. KARIMUNNISA S. SHAIKH

(M. Pharm., Ph.D.)

Head Of Department (PQ)

Pune - 411 044



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Department, (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

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Date: 815123

Place: Nigdi, Pune

Dr. Vitthal V. Chopade Research Guide

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Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

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Date: 8|5|2ers Place: Nigdi, Pune Dr. P. D. Chaudhari Principal

> Sector No.21, Yamunanas Pune - 411 044.





"Quantification and Validation of Sildenafil in Bulk and Dosage form by High performance Thin Layer Chromatography, High performance Liquid chromatography and UVSpectroscopy By using Hydrotropic Agents"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL
SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By MISS.WADGAVE POOJA BANDAPPA

(B. Pharm.)

Impartial fulfillment of

The requirements for the degree of

MASTER OF PHARMACY

IN

Pharmaceutical Quality Assurance

Under the Guidance of

Dr. VITTHAL V. CHOPADE

(M. Pharm. PhD)

Associate professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY
PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY,

NIGOL PUNE-44

(2022-23)

P. E. S. McCard College of Pharmac Sector No.21, Yamunanagar, Nigdi Pune - 411 044.







DECLARATION

I am MISS. WADGAVE POOJA BANDAPPA declare that the thesis entitled "QUANTIFICATION AND VALIDATION OF SILDENAFIL IN BULK AND DOSAGE FORM BY HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY, HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND UV SPECTROSCOPY BY USING HYDROTROPIC AGENTS" submitted by me for degree of Master of Pharmacy is the record of work carried out under the guidance of DR. VITTHAL V. CHOPADE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

P. wadgave

Date: 815123

MISS. WADGAVE POOJA BANDAPPA

Place: Pune

College or one with the college of t

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. VITTHAL V. CHOPADE
Department of Pharmaceutical Chemistry,
P.E.S. Modern College of Pharmacy,
Nigdi ,Pune-44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "QUANTIFICATION AND VALIDATION OF SILDENAFIL IN BULK AND DOSAGE FORM BY HIGH PERFORMANCE THIN LAYER CHROMATOGRAPHY, HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND UV SPECTROSCOPY BY USING HYDROTROPIC AGENTS" submitted for degree of Master of Pharmacy (Pharmaceutical Quality Assurance), is the record of research work carried out by MISS. WADGAVE POOJA BANDAPPA under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 용서 별

Place: Pune

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Dr. VITTHAL V. CHOPADE Research Guide

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PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. KARIMUNNISA S. SHAIKH

Head of Department, (PHARMACEUTICAL QUALITY ASSURANCE) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 81 123

Place: Pune

Dr.Karimunnisa S

HOD VV

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled,"
QUANTIFICATION AND VALIDATION OF SILDENAFIL IN BULK
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CHROMATOGRAPHY, HIGH PERFORMANCE LIQUID
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HYDROTROPIC AGENTS".

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QUALITY ASSURANCE) is a record of bonafide research work carried
out by MISS. WADGAVE POOJA BANDAPPA under the guidance
of DR. VITTHAL V. CHOPADE at P.E.S. Modern College of
Pharmacy, Nigdi, Pune 44 during the academic year
2022-23.

Place: Nigdi, Pune

Dr. P.D. Chaudhari Principal

Principal

P. E. S. Modern College of Pharmacy Sector No. 21 Vannunanagar, Nigdi.







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suncil for Technical Education, New Delhi, Pharmacy Council of India, Nev is of Technical Education, Mumbai (MS), Permanently Affiliated to in University, Pune & Approved under Section 2 (f) & 12 (B) of UGC Act, 19

Section No.21, Yamunanagar, Nigdi, Pune-411 044. [M.S.] Tel.: 020-27661315 Fax: 020-27661314 E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudh M.Pharm., Ph.D. Principal

Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S. Chairman, Business Council

Date- 16-06-2023

H.O.D

M.PHARM SECOND YEAR PHARMACOLOGY PROJECT DETAILS-2022-2023

| Roll no | Name | Research Topic | Guide Name |
|---------|---------------------|---|--|
| COL201 | Akansha Amritkar | Evaluation of Gel of Carica papaya Latex And Boerhevia diffusa Linn, for wound healing activity in experimental animals | Dr. S. S. Nipte |
| COL202 | Pranali Bhandare | Evaluation of nephroprotective potential of Ethyl acetate fraction of Punica granatum leaves in 5-flourouracil induced nephrotoxicity in experimental animals. | Dr. D. D. Bandawane |
| COL203 | Abhijit Deshmukh | Evaluation of Anti-hemorrhoidal Activity of ointment formulation prepared from ethanolic extract of Tagetus Erecta flower in croton oil induced hemorrhoids in experimental animal. | Dr. S. S. Nipte Co guide- P. S. Kore |
| COL204 | Gayatri Gadekar | Evaluation of nephroprotective potential of ethyl acetate fraction of acacia catechu leaves in 5-fluorouracil induced nephrotoxicity in experimental animals. | Dr. D. D. Bandawane |
| COL205 | Vinod Gaikwad | Evaluation of electric stimulation in wound healing activity using hydrogel containing Arginine and Proanthocyanidin in experimental animals. | Dr. S. S. Nipte |
| COL206 | Pratiksha Hajare | To study anti-atherosclerotic activity of ethanolic extracts of Peltophorum pterocarpum Linn. stem bark and syzygium cumini DC leaves in experimental animals | Dr. S. S. Nipte |
| COL.207 | Dhanashri Katkar | Evaluation of anti-arthritic activity of ethyl acetate fraction of <i>Tectona</i> grandis Linn. Seeds in FCA-induced arthritis in experimental animals. | Dr. S. S. Nipate |

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Approved by All India Council for Technical Education, New Dalhi, Pharmacy Council of India, New Dalhi, Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to Savitribai Pholo Pune University, Pune & Approved under Section 2 (f) & 12 (8) of UGC Act, 1956

Section No.21, Yamunanagar, Nigdi, Pune-411 044. (M.S.) Tel.: 020-27661315 Fax: 020-27661314

Prof. Dr. P. D. Chaudhar M.Pharm., Ph.D. Principal Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S. Chairman, Business Council

| P | rincipal | | Chairman, Busines | |
|--------|---------------------|--|---|--|
| COL208 | Pradnya Khelbude | Evaluation of anti-hemorrhoidal activity of ointment formulation prepared from ethanolic extract of Punica granatum peels in croton oil induced hemorrhoids in experimental animals. | Dr S. S. Nipte Co guide- Dr.P. S. Kore | |
| COL209 | Mohsin Mansoori | Ameliorative effect of Abutilon indicum leaves on liver steatosis in high fructose induced insulin resistance in experimental animals. | Dr. D. D. Bandawane | |
| COL210 | Kajal Pawade | Evaluation of cthyl acctate fraction of Dendrophthoe Falcata Linn. Leaves on the FCA- induced arthritis using Exosomes as drug carrier in experimental animals. | Dr. S. S. Nipate | |
| COL211 | Nikita Pawar | Pharmacological evaluation of Aegle marmelos leaves on NAFLD in high fructose-induced insulin resistance in experimental animals. | Dr. D. D. Bandawane | |
| COL212 | Ganesh Pore | Evaluation of hydroethanolic extract of Musa paradisiaca Linn. Peel on suicide and trait related behaviors in experimental animals. | Dr. D. D. Bandawane Co guide- P. S. Kore | |
| COL213 | Surabhi Shinde | Evaluation of hydroethanolic extract of Tagetes Erecta flowers on suicide and trait related behaviors in experimental rats. | Dr. D. D. Bandawane Co guide- P. S. Kore | |
| COL214 | Prajakta Tambe | Evaluation of hydroethanolic extract of Portulaca oleracea leaves on suicide and traits related behaviors in wistar rats | Dr. D. D. Bandawane Co guide- P. S. Kore | |

Dr.D. D. Bandawane

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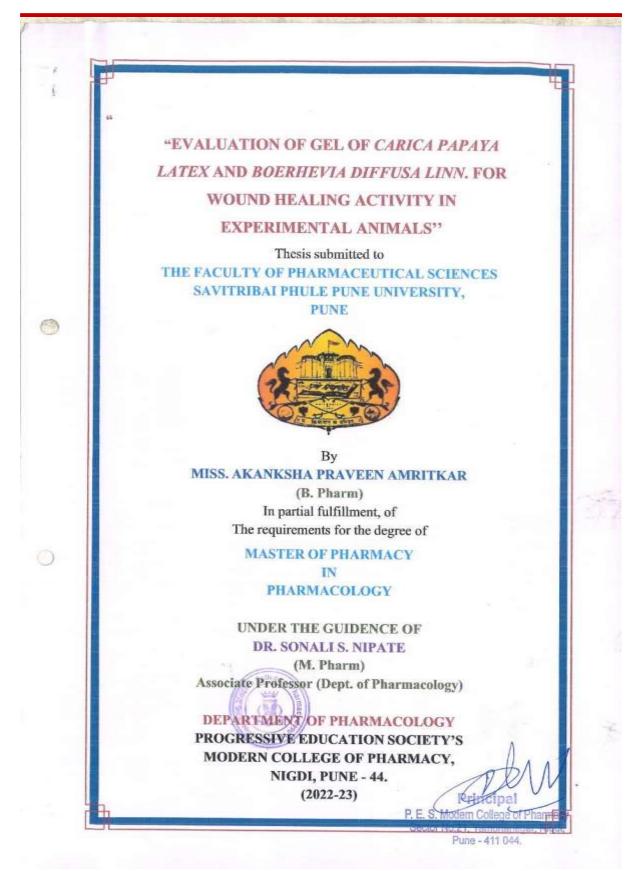
Dr.P.D. Chaudham

STRIVING TOWARDS EXCELLENCE FOREVER

 E. S. Modern Gonege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













DECLARATION

I am Miss. Akanksha Praveen Amritkar declare that the thesis entitled "EVALUATION OF GEL OF CARICA PAPAYA LATEX AND BOERHEVIA DIFFUSA LINN. FOR WOUND HEALING ACTIVITY IN EXPERIMENTAL ANIMALS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali S. Nipate has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16/6/23

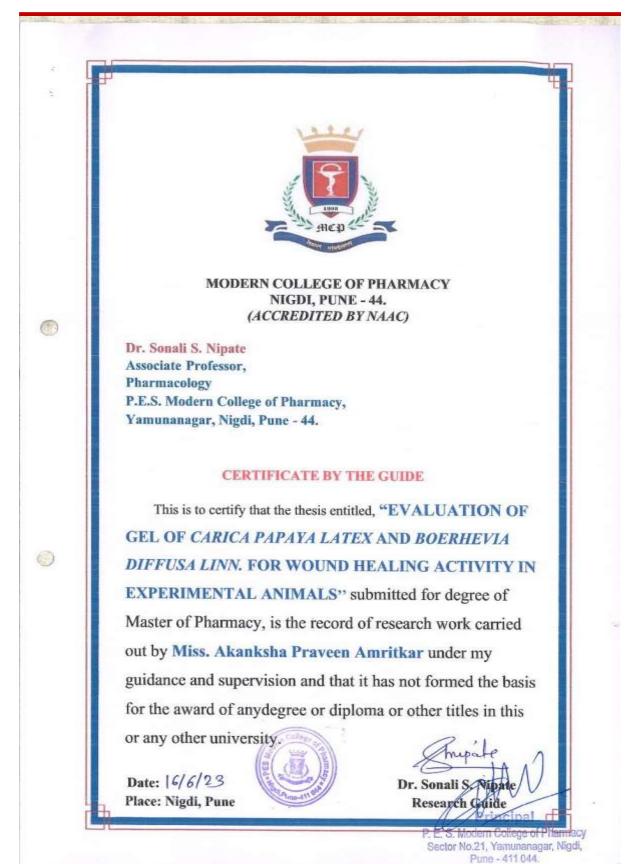
Place: Pune

Miss. Akanksha Prayeen Amritkar

P. E. S. Modern Codege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. D. D. Bandawane

Professor and HOD, Department of Pharmacology, P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "EVALUATION OF GEL OF CARICA PAPAYA LATEX AND BOERHEVIA DIFFUSA LINN. FOR WOUND HEALING ACTIVITY IN EXPERIMENTAL ANIMALS" submitted for degree of Master of Pharmacy (Pharmacology), is the record of research work carried out by Miss. Akanksha Praveen Amritkar under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

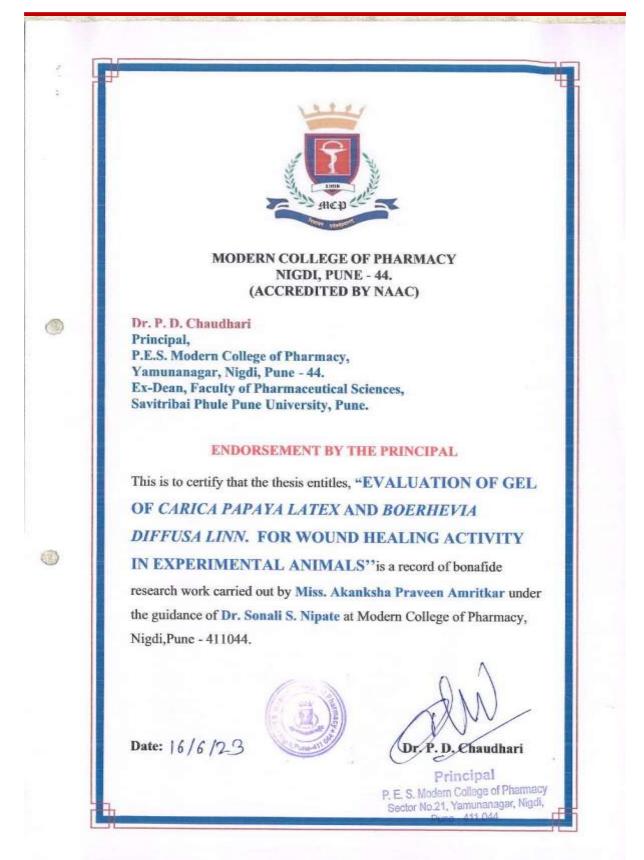
Date: |6/6/23 Place: Pune Cultural of the second of the

Dr. D. D. Bandawane

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

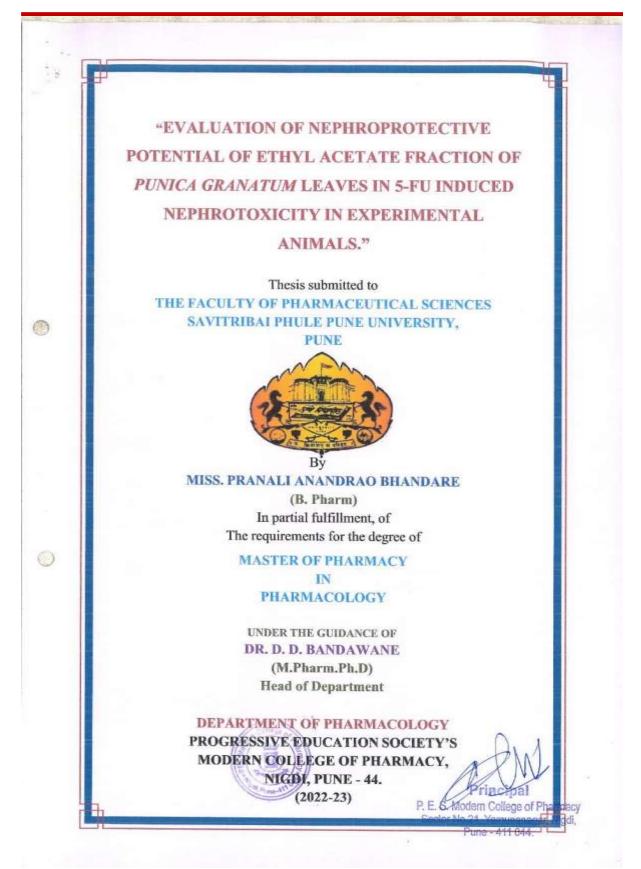


















DECLARATION

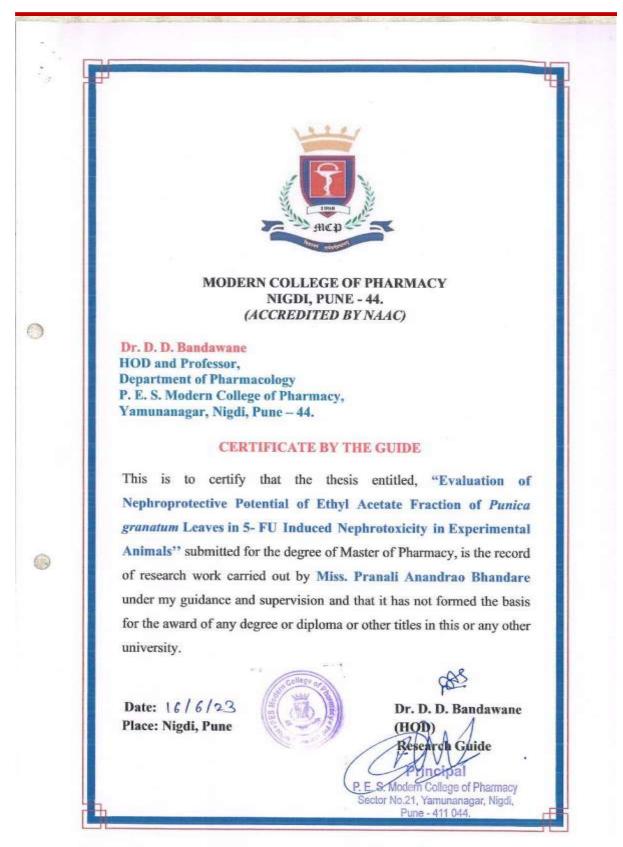
I am Ms. Pranali Anandrao Bhandare declare that the thesis entitled "Evaluation of Nephroprotective Potential of Ethyl Acetate Fraction of Punica granatum Leaves in 5- FU Induced Nephrotoxicity in Experimental Animals." submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr.D.D.Bandawane has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16/6/23 Place: Nigdi, Pune Miss. Pranali Anandrao Bhandare

P. E. Movern Cellege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

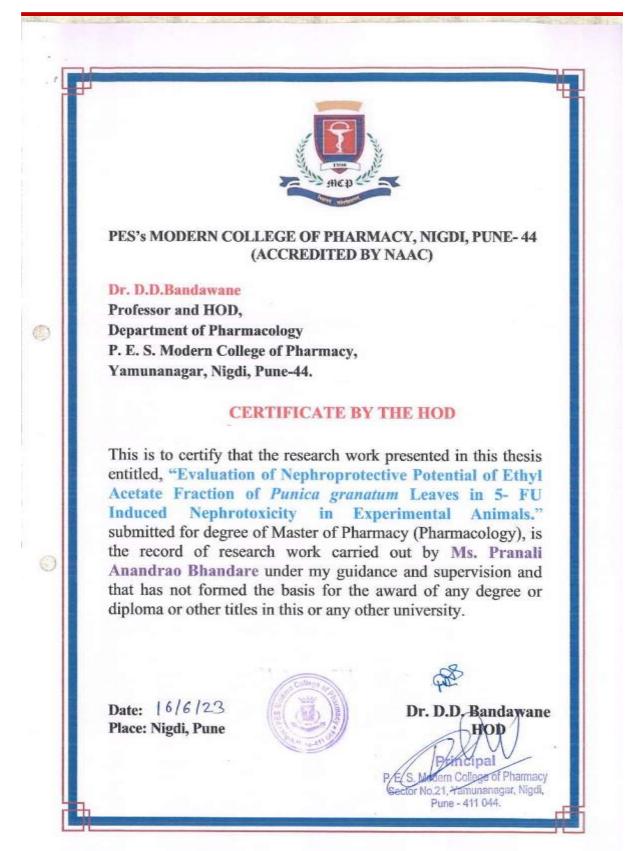






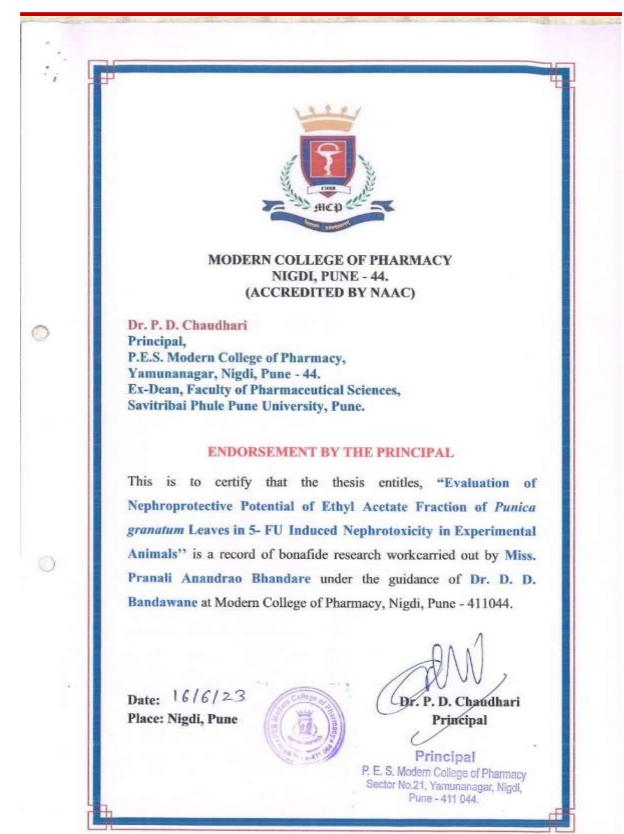






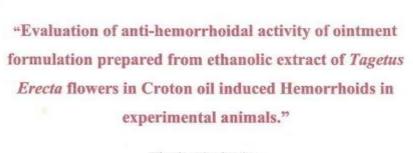












Thesis submitted to
THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE



By

Mr. ABHIJIT BALASAHEB DESHMUKH

(B. Pharm)

In partial fulfillment, of The requirements for the degree of

MASTER OF PHARMACY

IN

PHARMACOLOGY

UNDER THE GUIDENCE OF

DR. SONALI S. NIPATE

(M. Pharm, Ph. D)

Associate Professor (Dept. of Pharmacology)

DEPARTMENT OF PHARMACOLOGY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE - 44.

(2022-23)

P. E. 6. Medem College of Pharm Sector No.21, Yamunanagar, Nig Pune - 411 044.



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DECLARATION

I am Mr. Abhijit Balasaheb Deshmukh declare that the thesis entitled "Evaluation of antihemorrhoidal activity of ointment formulation prepared from ethanolic extract of Tagetus Erecta flowers in Croton oil induced Hemorrhoids in experimental animals." submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali S. Nipate and the co-guidance of Dr. P. S. Kore, and has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 17/6/23

Place: Pune

Mr. Abhijit Balasaheb Deshmukh

P. 648 Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,







MODERN COLLEGE OF PHARMACY NIGDI, PUNE - 44. (ACCREDITED BY NAAC)

Dr. Sonali S. Nipate
Associate Professor,
(Department of Pharmacology)
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.

CERTIFICATE BY THE GUIDE

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Date: 17/6/23 Place: Nigdi, Pune

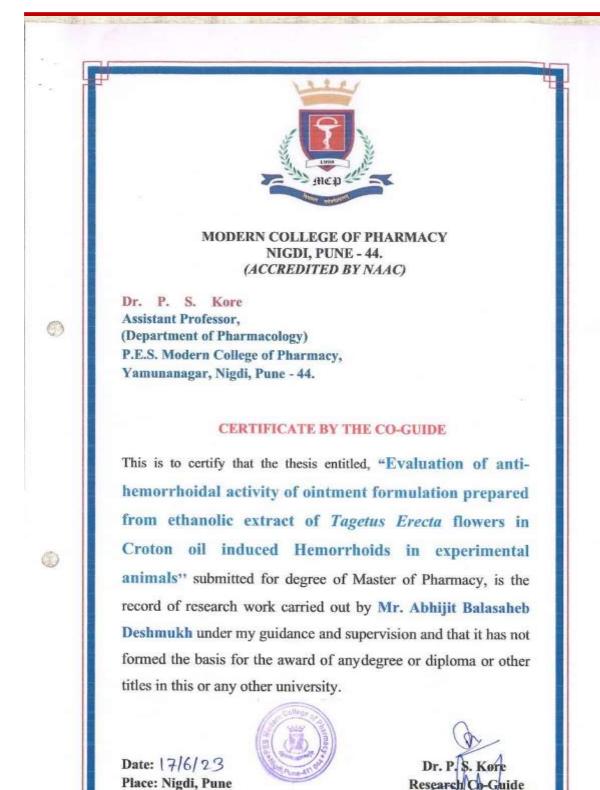
Dr. Sonali S. Nipate Research Guide

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Pune - 411 044.



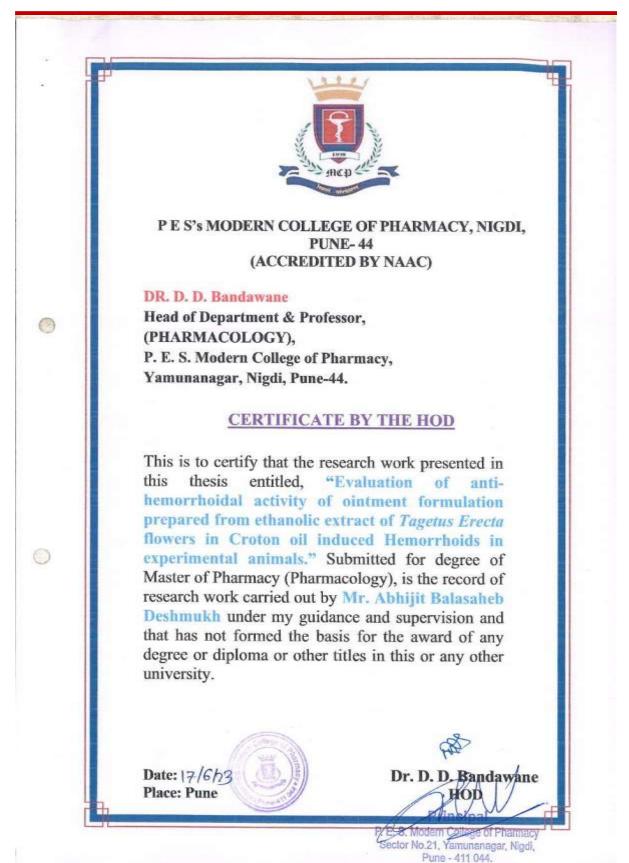




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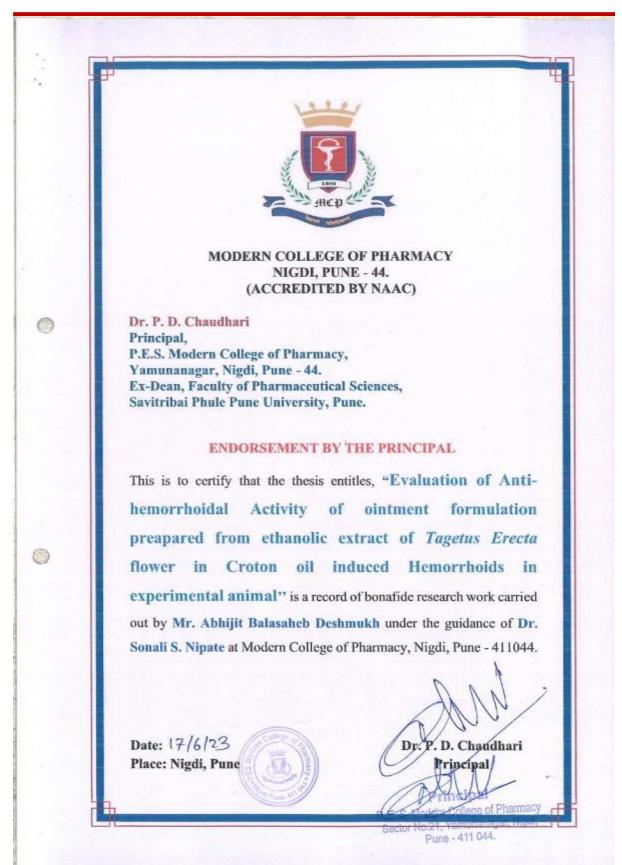






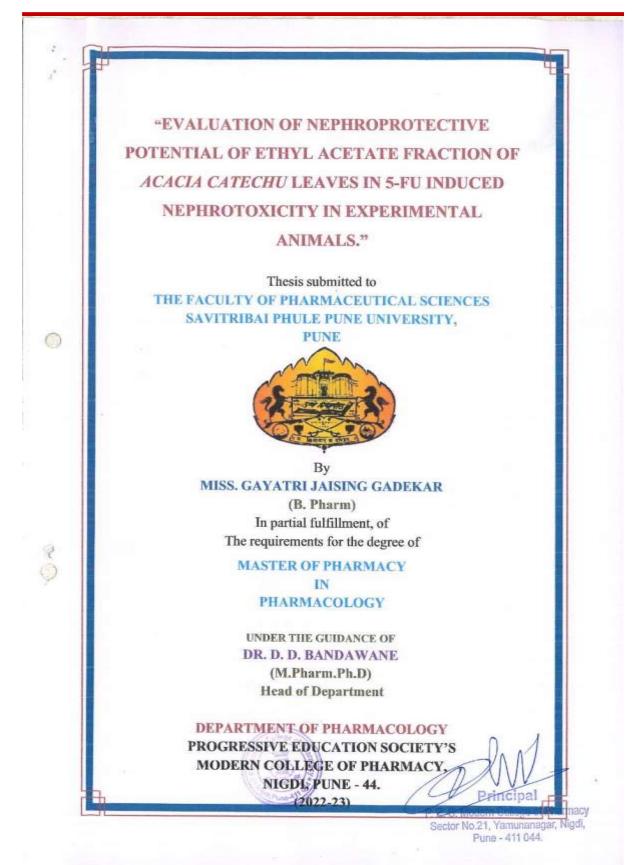






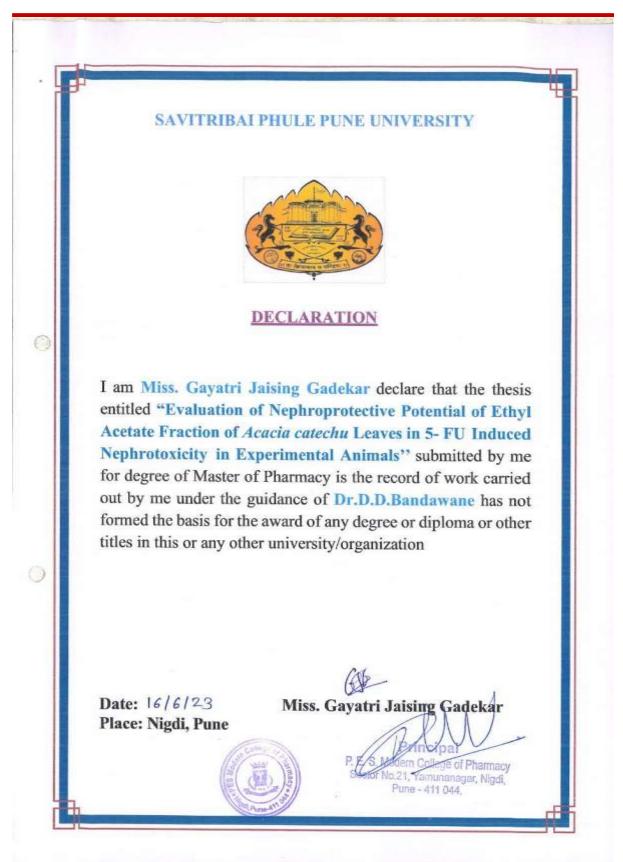






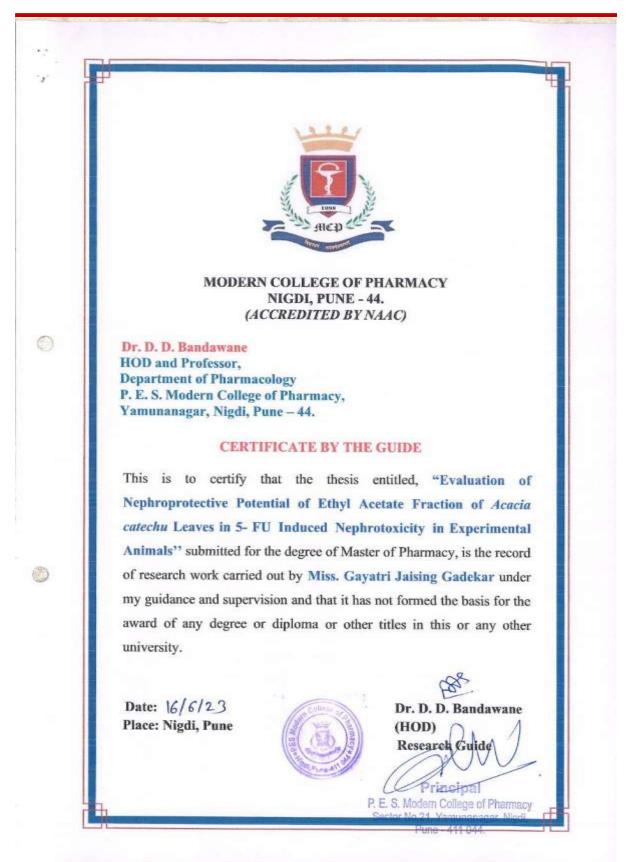






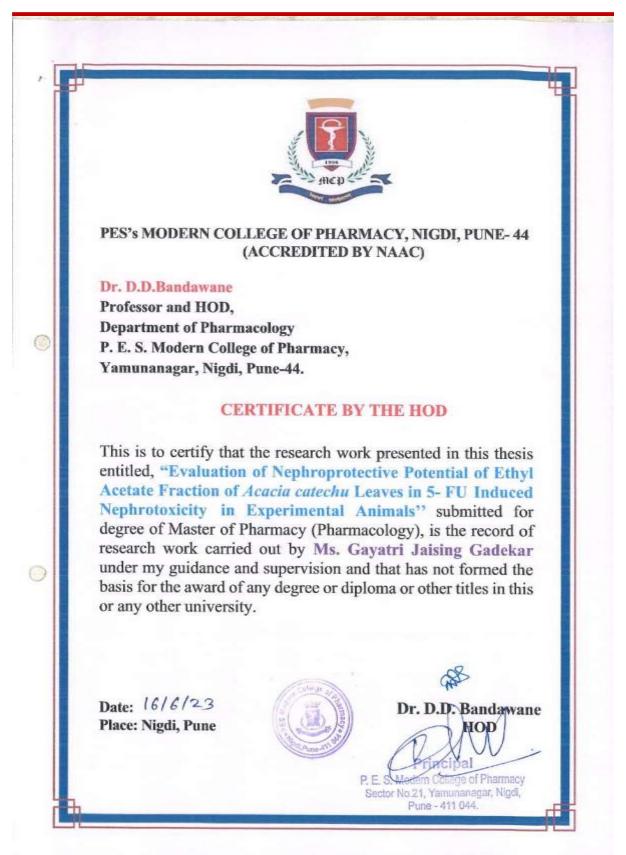






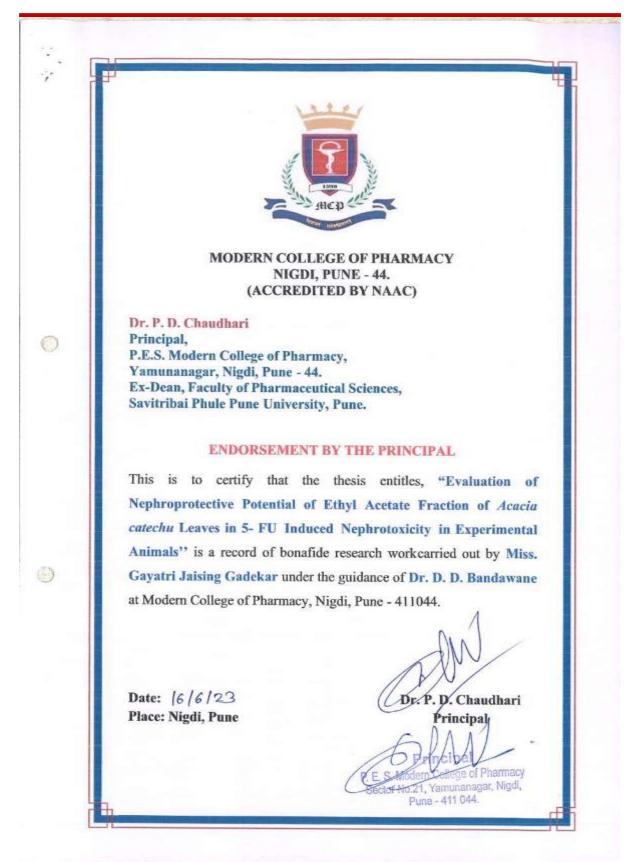






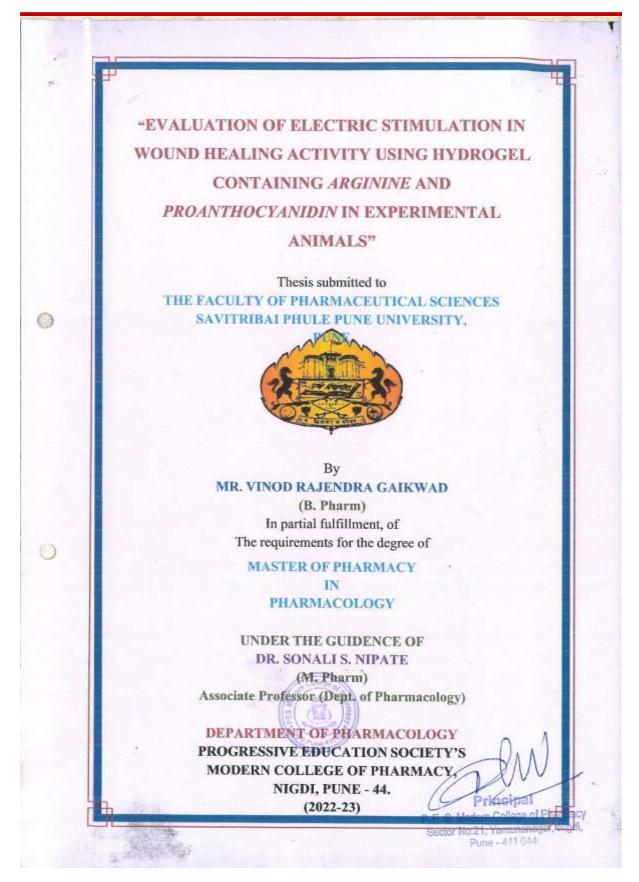


















DECLARATION

I am Mr. Vinod Rajendra Gaikwad declare that the thesis entitled "EVALUATION OF ELECTRIC STIMULATION IN WOUND HEALING ACTIVITY USING HYDROGEL CONTAINING ARGININE AND PROANTHOCYANIDIN IN EXPERIMENTAL ANIMALS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali S. Nipate has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 18/6/23

Place: Pune

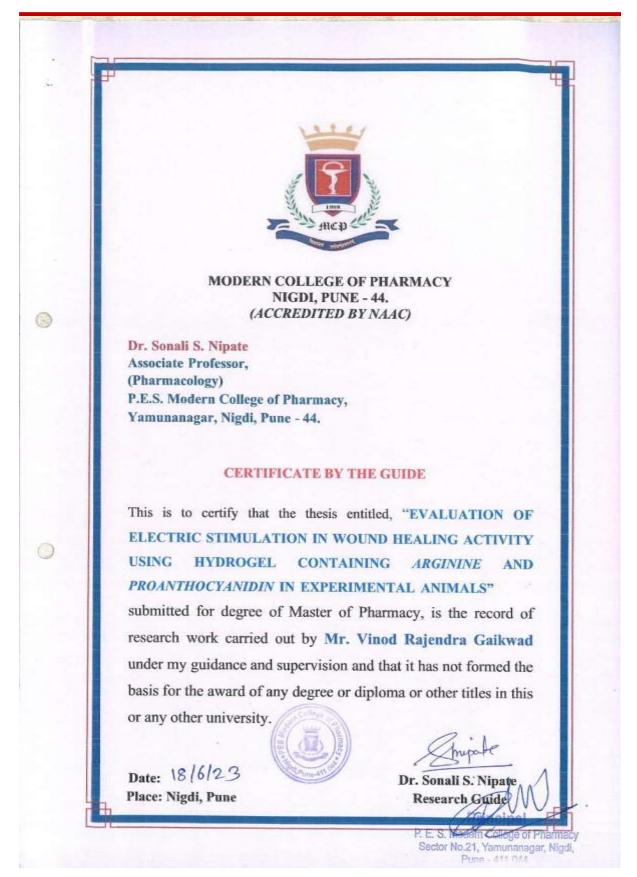
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Mr. Vinod Rajendra G

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanegar, Nigdi, Pune - 411 044.









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PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

Dr. D.D. Bandawane

Professor and HOD,
Department of Pharmacology,
P. E. S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "EVALUATION OF ELECTRIC STIMULATION IN WOUND HEALING ACTIVITY USING HYDROGEL CONTAINING ARGININE AND PROANTHOCYANIDIN IN EXPERIMENTAL ANIMALS" submitted for degree of Master of Pharmacy (Pharmacology), is the record of research work carried out by Mr. Vinod Rajendra Gaikwad under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 18/6/23

Place: Pune

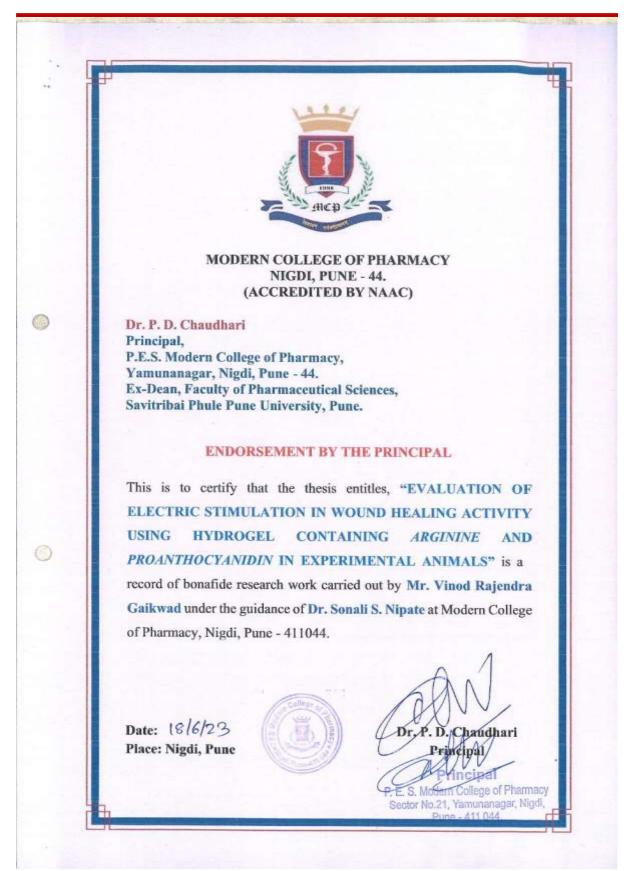


Dr. D. D. Bandayane

E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044

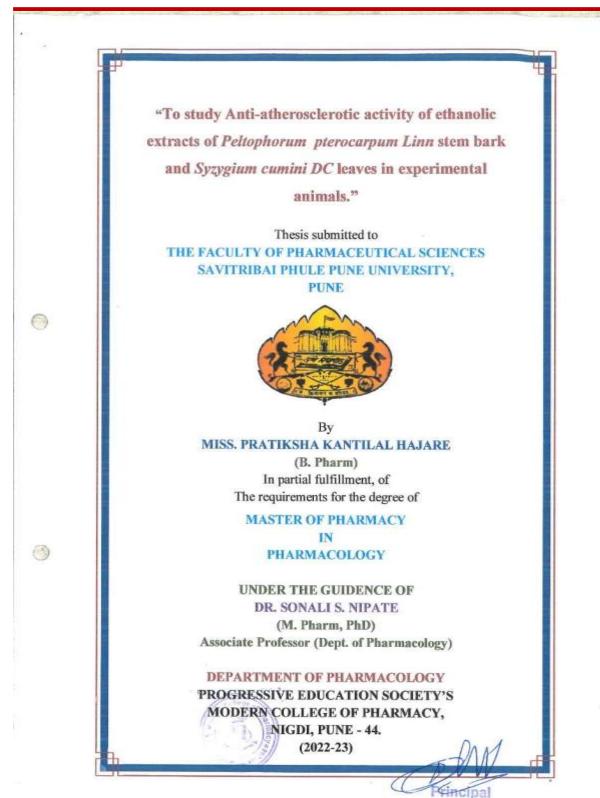








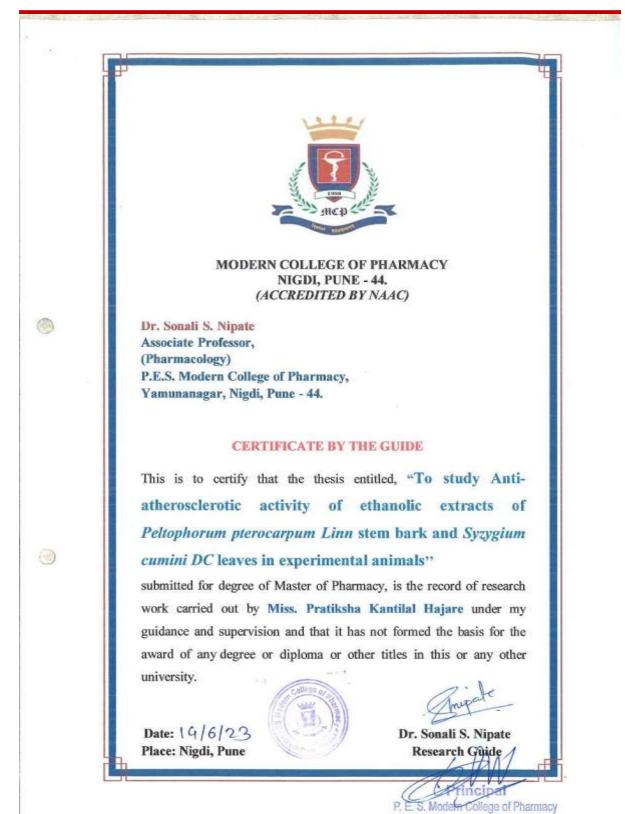




P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.









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MODERN COLLEGE OF PHARMACY NIGDI, PUNE - 44. (ACCREDITED BY NAAC)

Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "To study Antiatherosclerotic activity of ethanolic extracts of
Peltophorum pterocarpum Linn stem bark and Syzygium
cumini DC leaves in experimental animals" is a record
of bonafide research work carried out by Miss. Pratiksha
Kantilal Hajare under the guidance of Dr. Sonali S.
Nipate at Modern College of Pharmacy, Nigdi, Pune 411044.

Date: 14/6/23 Place: Nigdi, Pune

Principal Principal

D. Chaudhari

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



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SAVITRIBAL PHULE PUNE UNIVERSITY



DECLARATION

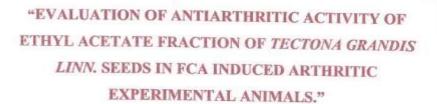
I am Miss. Pratiksha Kantilal Hajare declare that the thesis entitled "To study Anti-atherosclerotic activity of ethanolic extracts of Peltophorum pterocarpum Linn stem bark and Syzygium cumini DC leaves in experimental animals." submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr.S.S.Nipate has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: |4/6/23 Place: Nigdi,Pune Miss. Pratiksha Kantilal Hajare

0.21, Manunanagar, Nigdi, Pune - 411 044.







Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MISS.DHANASHRI VIKRAM KATKAR

(B. Pharm)

In partial fulfillment, of The requirements for the degree of

MASTER OF PHARMACY

IN

PHARMACOLOGY

UNDER THE GUIDANCE

OF

DR. SONALI S. NIPATE

(M. Pharm, PhD)

Associate Professor (Dept. of Pharmacology)

DEPARTMENT OF PHARMACOLOGY

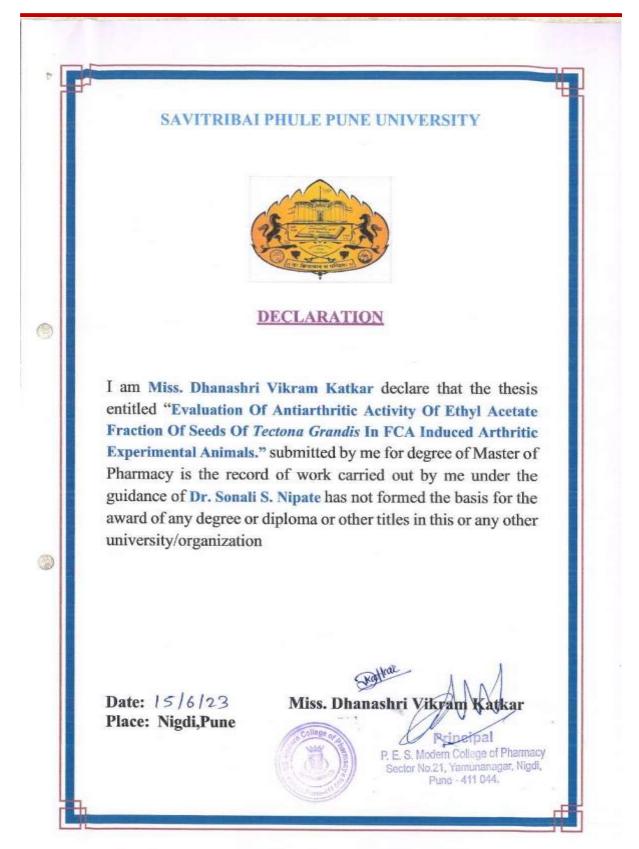
PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE - 44.

(2022-23)

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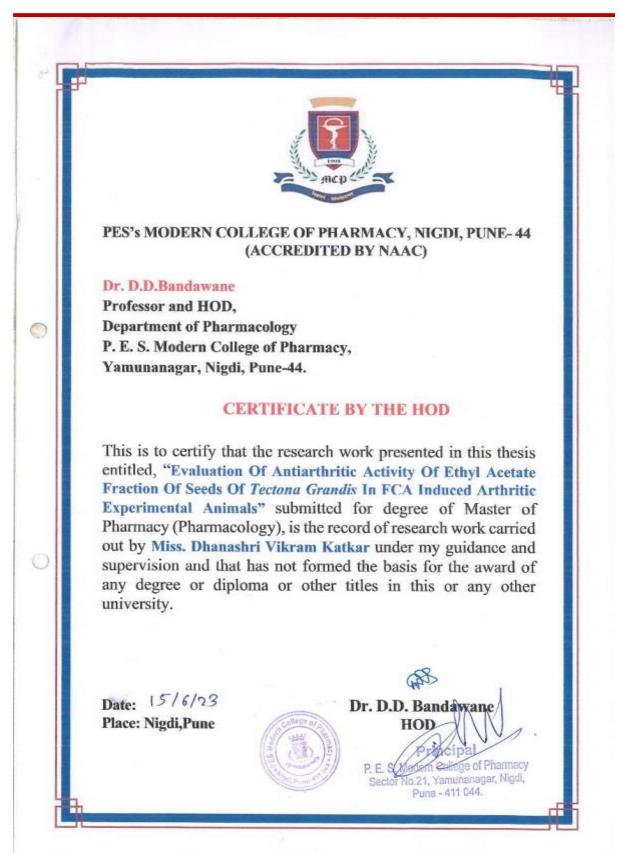






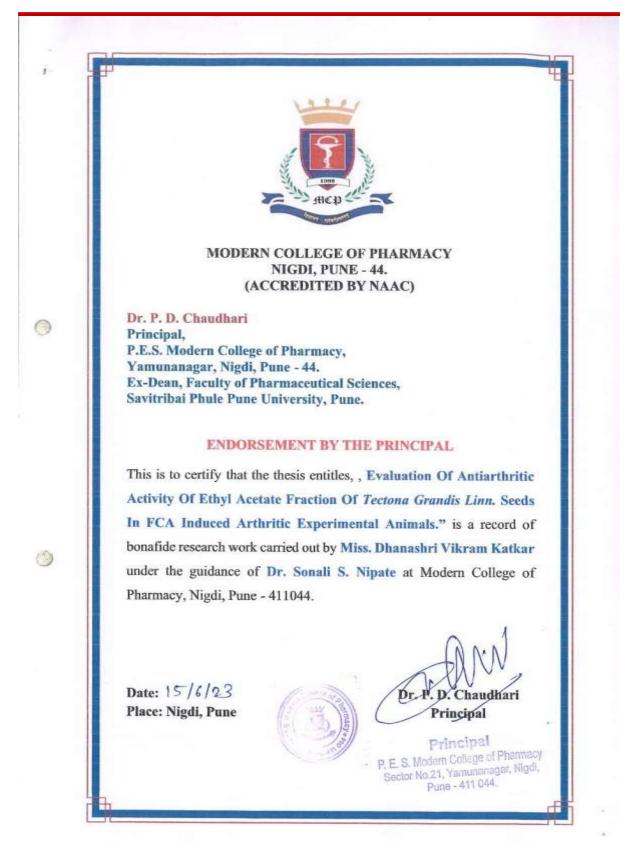






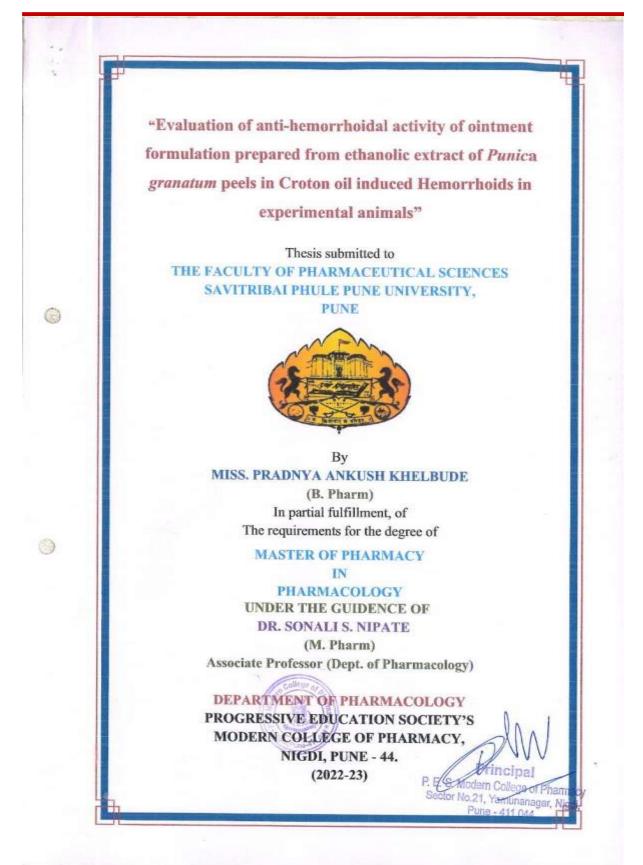






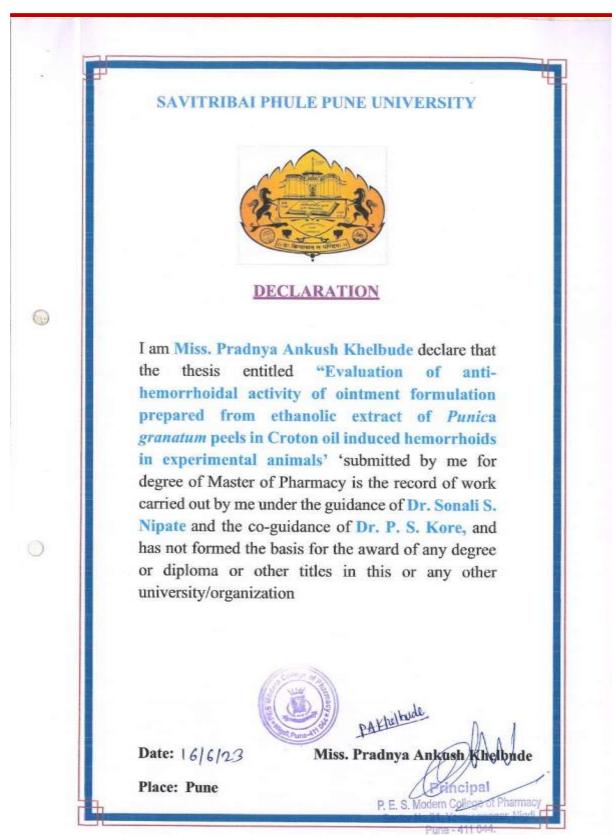






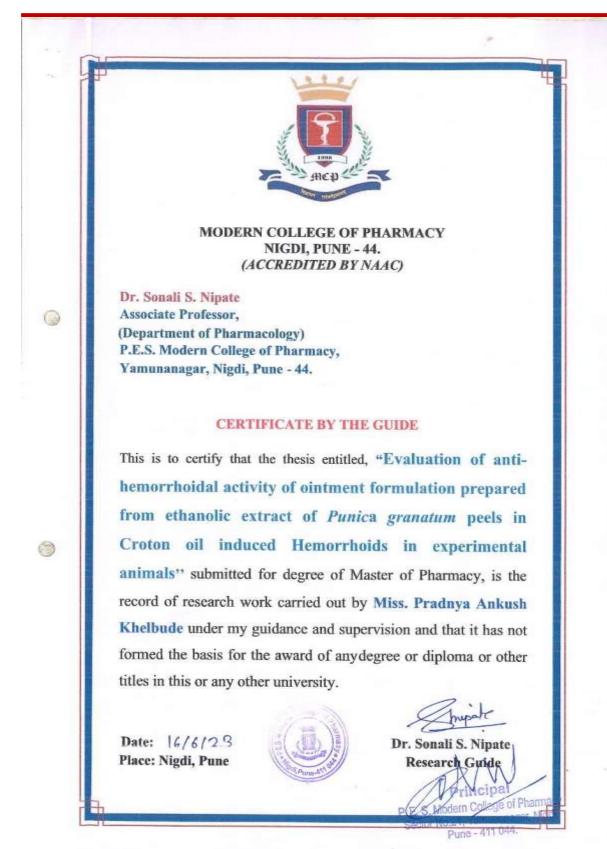






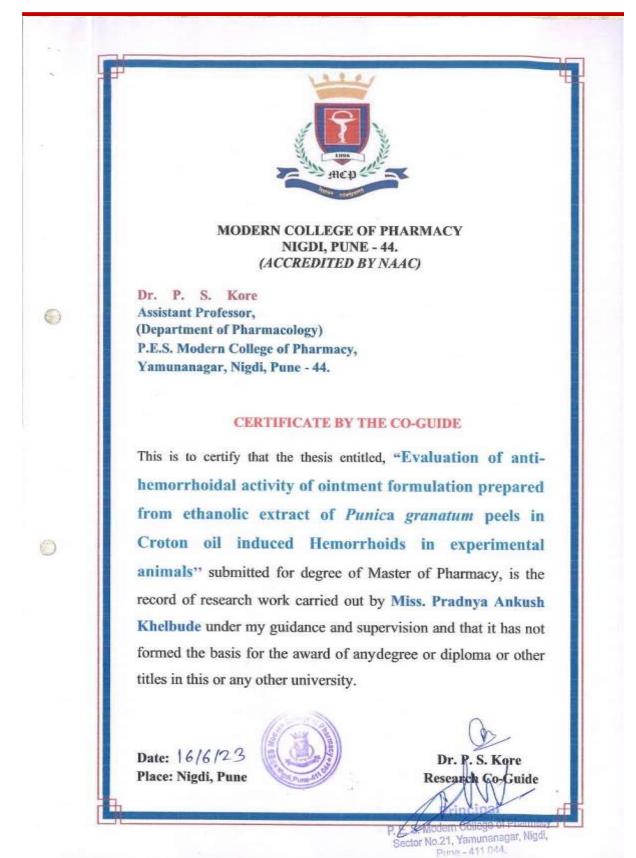






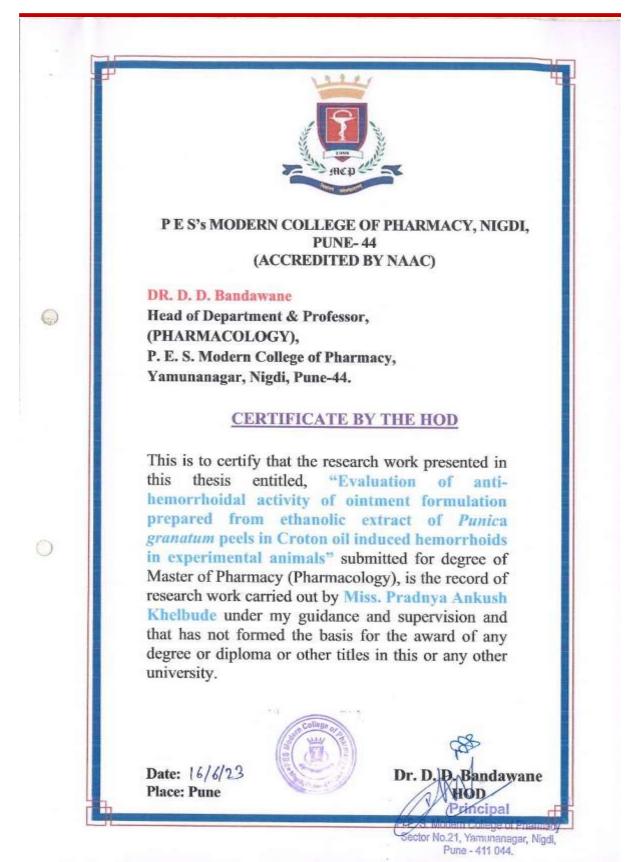






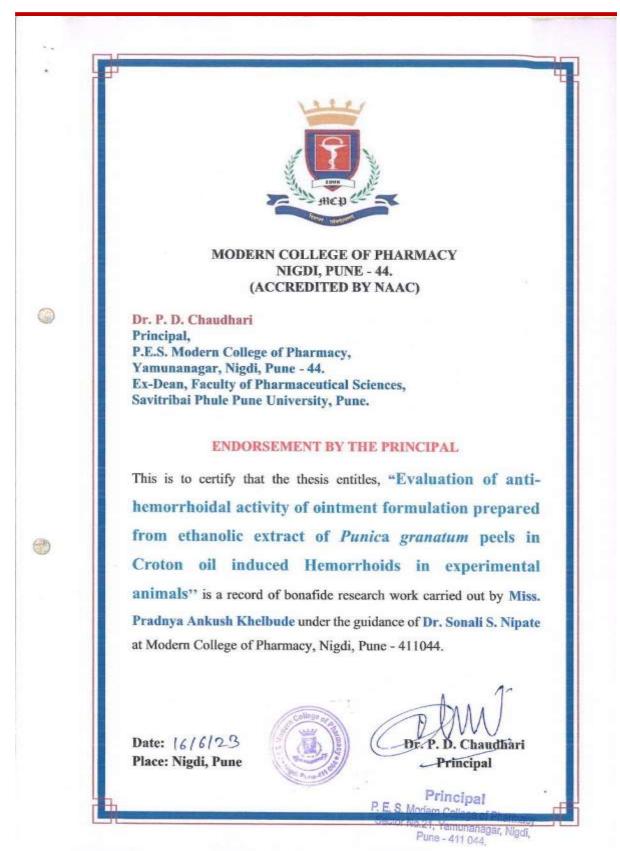






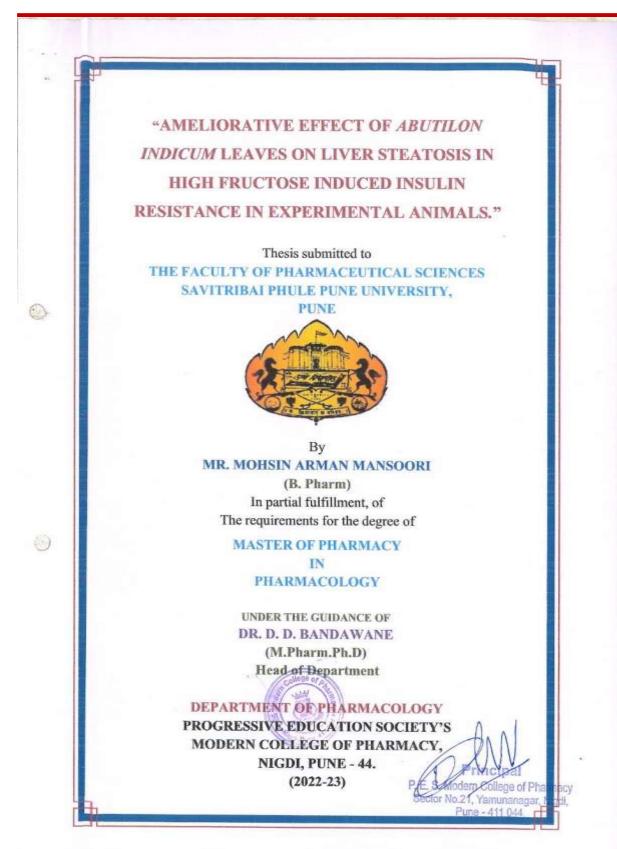




















DECLARATION

I am Mr. MOHSIN ARMAN MANSOORI declare that the thesis entitled "AMELIORATIVE EFFECT OF ABUTILON INDICUM LEAVES ON LIVER STEATOSIS IN HIGH FRUCTOSE-INDUCED INSULIN RESISTANCE IN EXPERIMENTAL ANIMALS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr.D.D.Bandawane has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 18/6/23

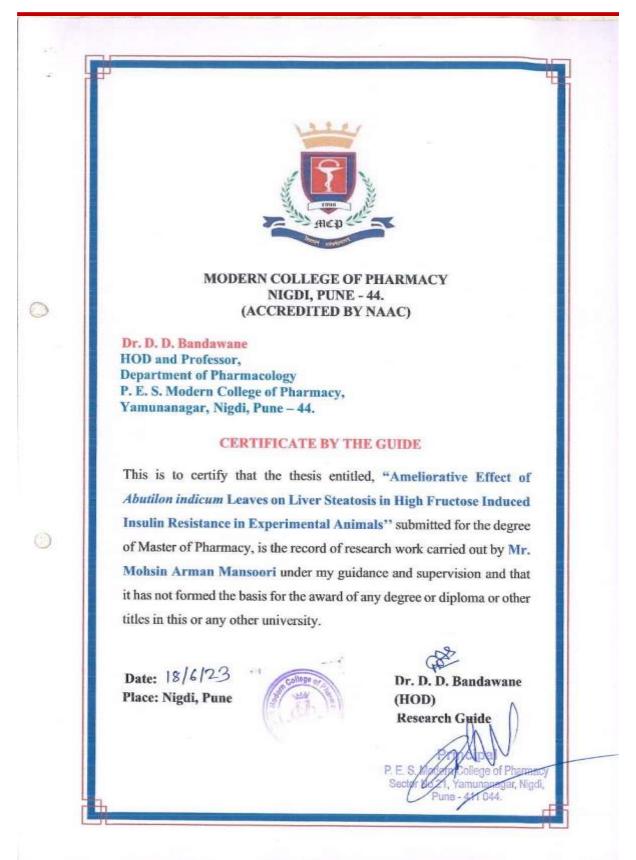
Place: Pune

MR. MOHSIN ARMAN MANSOORI

P. E. S Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













Dr. D.D.Bandawane

Professor and HOD, Department of Pharmacology P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "AMELIORATIVE EFFECT OF ABUTILON INDICUM LEAVES ON LIVER STEATOSIS IN HIGH FRUCTOSE-INDUCED INSULIN RESISTANCE IN EXPERIMENTAL ANIMALS" submitted for degree of Master of Pharmacy (PHARMACOLOGY), is the record of research work carried out by MR. MOHSIN ARMAN MANSOORI under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 18/6/23

Place: Pune

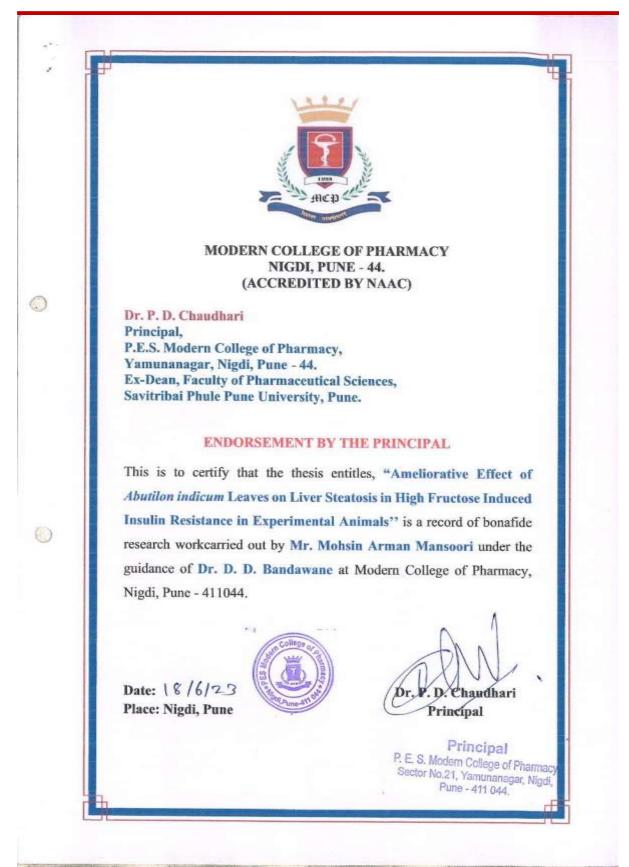
Dr. D.D. Bandawane

P. E. 6. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044

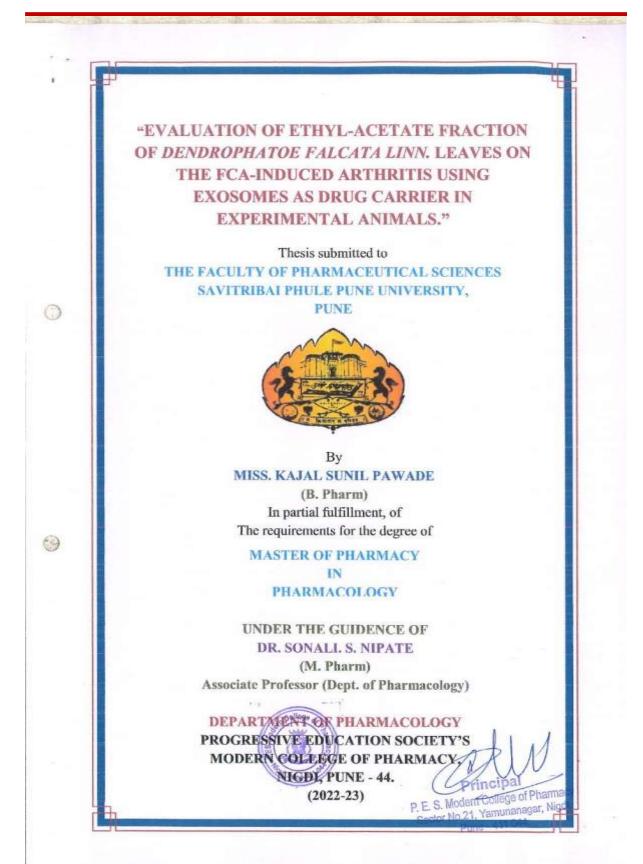
















SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MISS. KAJAL SUNIL PAWADE declare that the thesis entitled "EVALUATION OF ETHYL-ACETATE FRACTION OF DENDROPHATOE FALCATA LINN. LEAVES ON THE FCA-INDUCED ARTHRITIS USING EXOSOMES AS DRUG CARRIER IN EXPERIMENTAL ANIMALS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali. S. Nipate has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 18/6/23

Place: Nigdi, Pune



Miss. Kajal Sunil Pawade

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Dr. Sonali S. Nipate
Associate Professor,
Department of Pharmacology
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "EVALUATION OF ETHYL-ACETATE FRACTION OF DENDROPHATOE FALCATA LINN.

LEAVES ON THE FCA-INDUCED ARTHRITIS USING EXOSOMES AS DRUG CARRIER IN EXPERIMENTAL ANIMALS" submitted for degree of Master of Pharmacy, is the record of research work carried out by Miss. Kajal Sunil Pawade under my guidance and supervision and that it has not formed the basis for the award of anydegree or diploma or other titles in this or any other university.

Date: 18/6/23

Place: Nigdi, Pune

Dr. Sonali S. Nipate Research Guide

Costor No 24 Vamunanas







DR. D. D. Bandawane

Head of Department & Professor, Department of Pharmacology, P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "EVALUATION OF ETHYL-ACETATE FRACTION OF DENDROPHATOE FALCATA LINN. LEAVES ON THE FCA-INDUCED ARTHRITIS USING EXOSOMES AS DRUG CARRIER IN EXPERIMENTAL ANIMALS" submitted for degree of Master of Pharmacy (Pharmacology), is the record of research work carried out by Mr. Kajal Sunil Pawade under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 18/6/23 Place: Nigdi, Pune College of College of

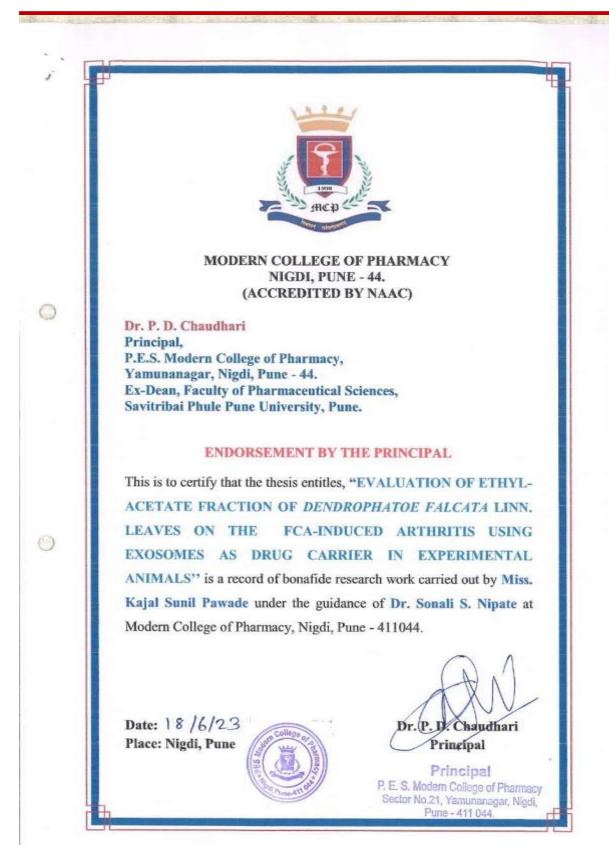
Dr. D. D. Bandawane

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Pune - 411 044

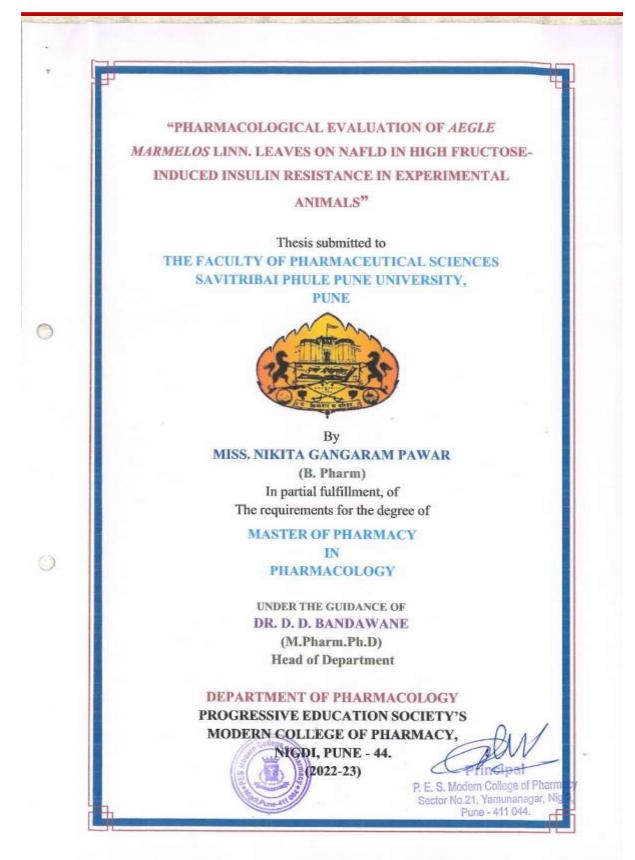






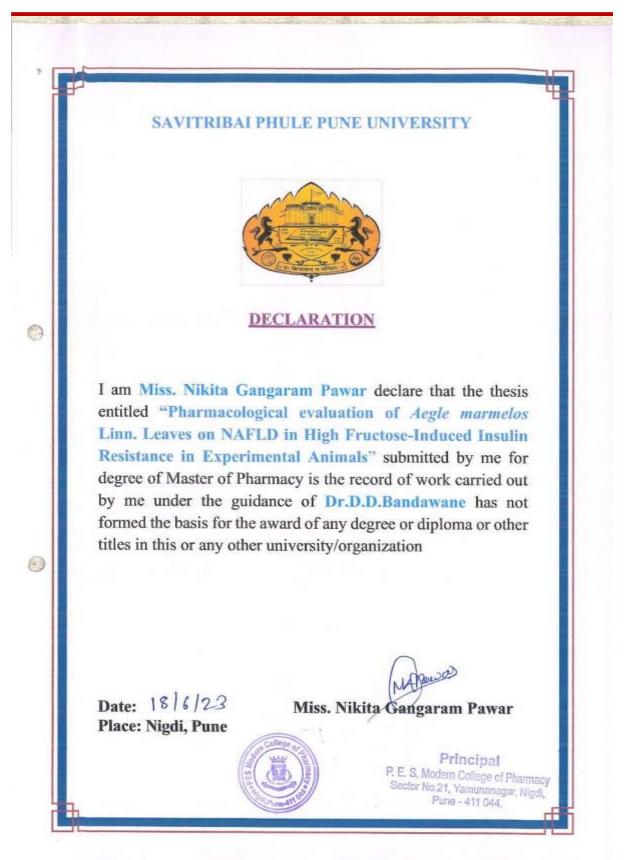






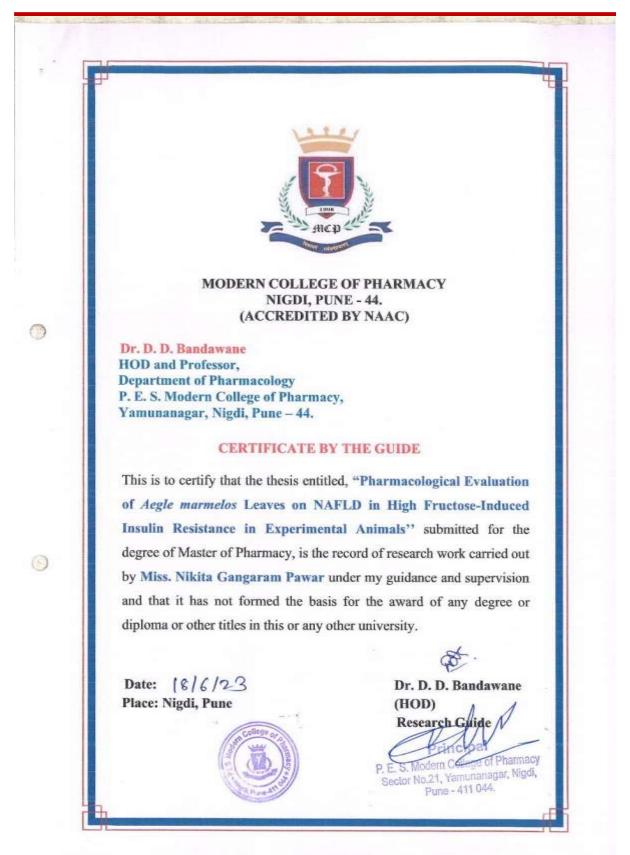






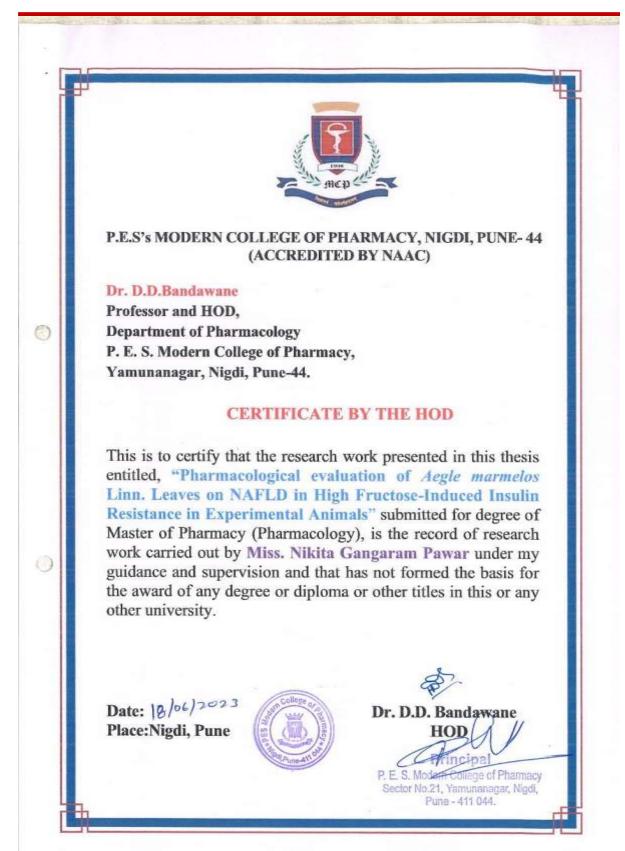














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MODERN COLLEGE OF PHARMACY NIGDI, PUNE - 44. (ACCREDITED BY NAAC)

Dr. P. D. Chaudhari

Principal, P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune - 44. Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "Pharmacological Evaluation of Aegle marmelos Leaves on NAFLD in High Fructose-Induced Insulin Resistance in Experimental Animals" is a record of bonafide research workcarried out by Miss. Nikita Gangaram Pawar under the guidance of Dr. D. Bandawane at Modern College of Pharmacy, Nigdi, Pune - 411044.

Date: 18/6/23

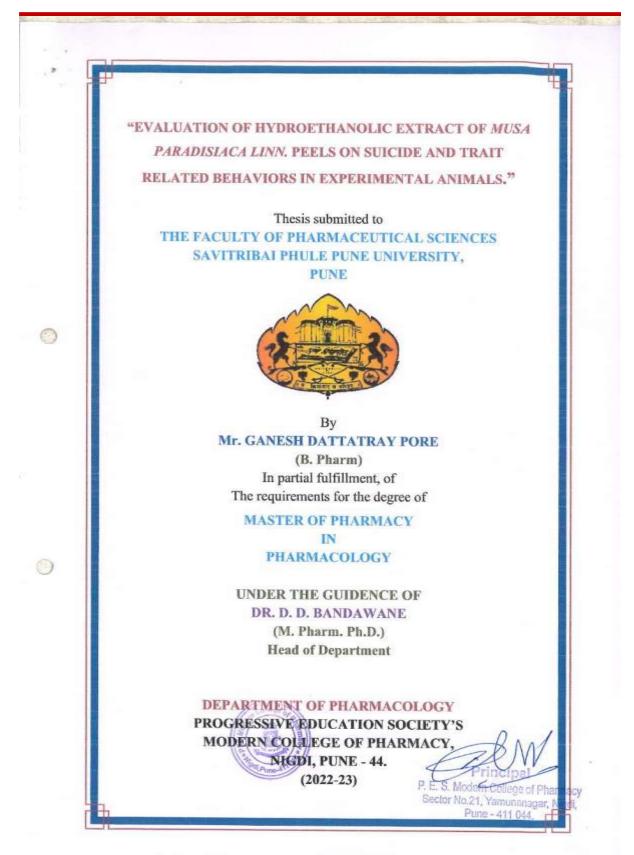
Place: Nigdi, Pune

Dr. P. D. Chaudhari

Sector No.21, Yamunanagar, Nigdl, Pune - 411 044.











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. GANESH DATTATRAY PORE declare that the thesis entitled "EVALUATION OF HYDROETHANOLIC EXTRACT OF MUSA PARADISIACA LINN. PEELS ON SUICIDE AND TRAIT RELATED BEHAVIORS IN EXPERIMENTAL ANIMALS" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. D. D. BANDAWANE and coguidance of DR. P. S. KORE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: |4|6/23

Mr. GANESH DATTATRAY PO

Place: Nigdi, Pune

Pune - 411 044.







Dr. D.D.Bandawane
Professor and HOD,
Department of Pharmacology
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "EVALUATION OF HYDROETHANOLIC EXTRACT OF MUSA PARADISIACA LINN. PEELS ON SUICIDE AND TRAIT RELATED BEHAVIORS IN EXPERIMENTAL ANIMALS"

submitted for degree of Master of Pharmacy, is the record of research work carried out by Mr. Ganesh Dattatray Pore under my guidance and supervision and that it has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23 Place: Nigdi, Pune



Dr. D. D. Bandawane Research Guide







Dr. P. S. Kore
Assistant Professor,
Department of Pharmacology
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.

CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "EVALUATION OF HYDROETHANOLIC EXTRACT OF MUSA PARADISIACA LINN. PEELS ON SUICIDE AND TRAIT RELATED BEHAVIORS IN EXPERIMENTAL ANIMALS"

submitted for degree of Master of Pharmacy, is the record of research work carried out by Mr. Ganesh Dattatray Pore under my guidance and supervision and that it has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Nigdi, Pune

Silege of the same of the same

Dr. P. S. Kore

Research Co-Guide

Sector No.21, Yamunana, Pune - 411 044.







Dr. D.D.Bandawane
Professor and HOD,
Department of Pharmacology
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.

CERTIFICATE BY THE HOD

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submitted for degree of Master of Pharmacy (Pharmacology), is the record of research work carried out by Mr. Ganesh Dattatray Pore under my guidance and supervision and that it has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23 Place: Nigdi, Pune



Dr. D. D. Bandawane

Pune - 411 044.







Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune - 44.
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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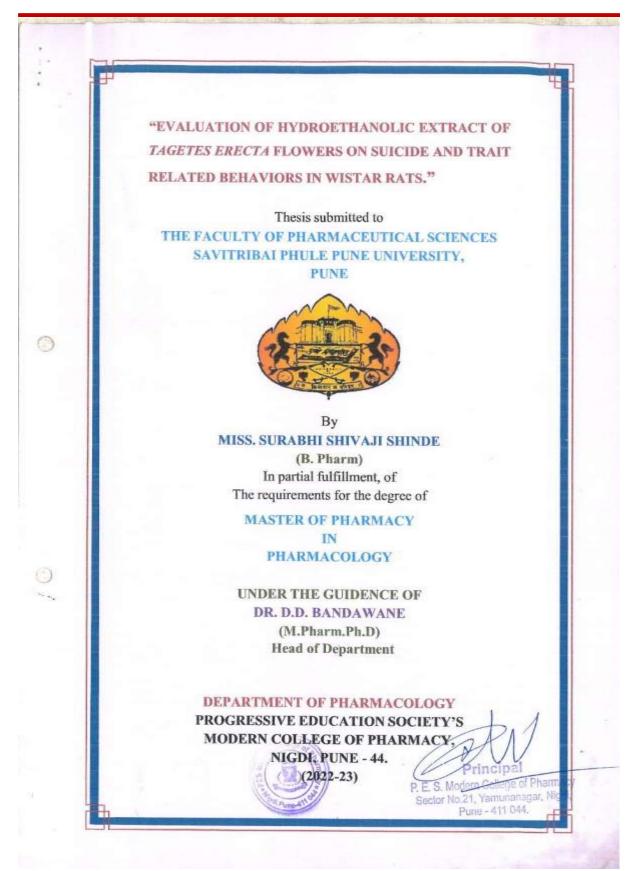
Date: 14/6/23 Place: Nigdi, Pune College of the state of the sta

Dr. P. D. Chaudhari Principal ipal

Sector No.21, Yamunanagar, Pune - 411 044.











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

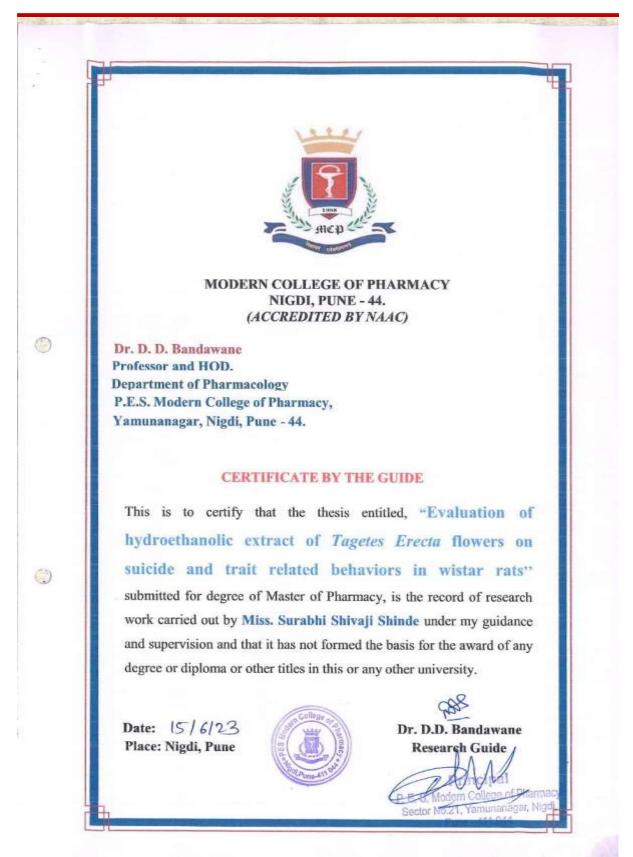
I am Miss. Surabhi Shivaji Shinde declare that the thesis entitled "Evaluation of hydroethanolic extract of Tagetes Erecta flowers on suicide and trait related behaviors in wistar rats." submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. D. D. Bandawane and co-guidance of Dr. P. S. Kore has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 15/6/23 Place: Nigdi, Pune Miss. Surabhi Shivaji Shinde

Sector No.21, Yamunanagar, Nigdi,

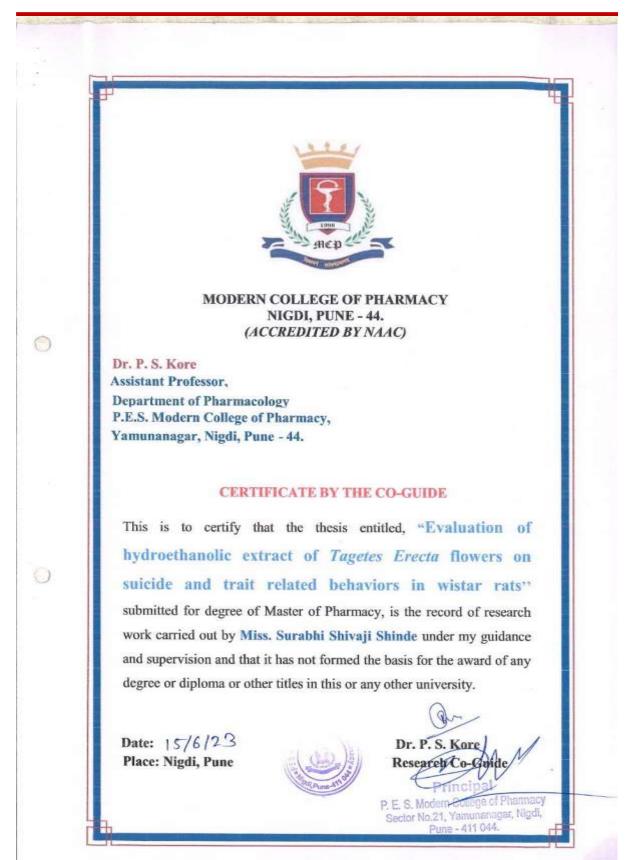






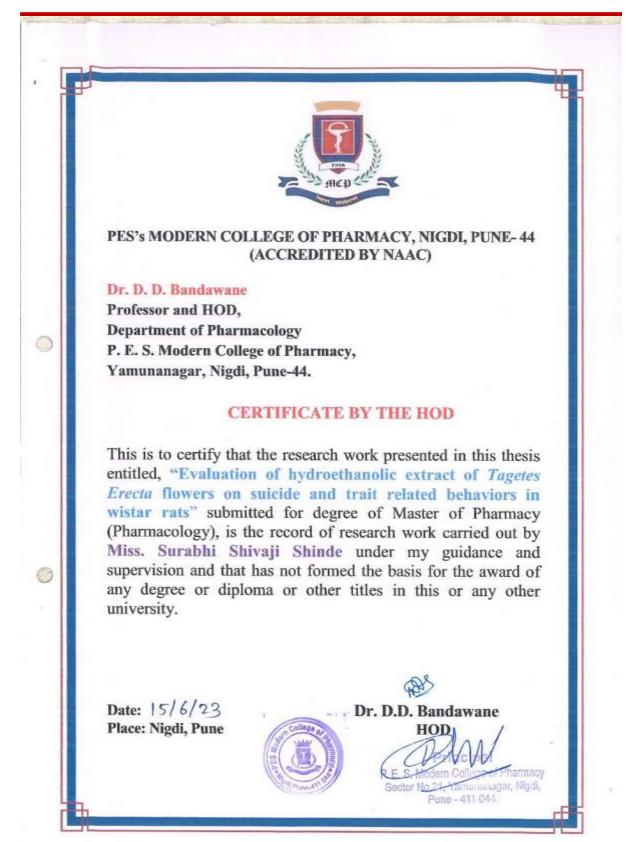






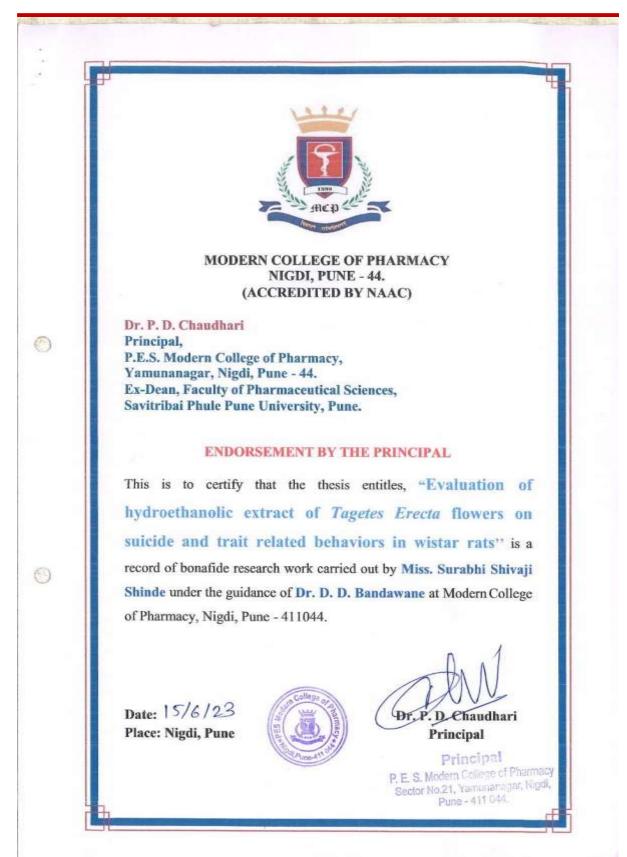






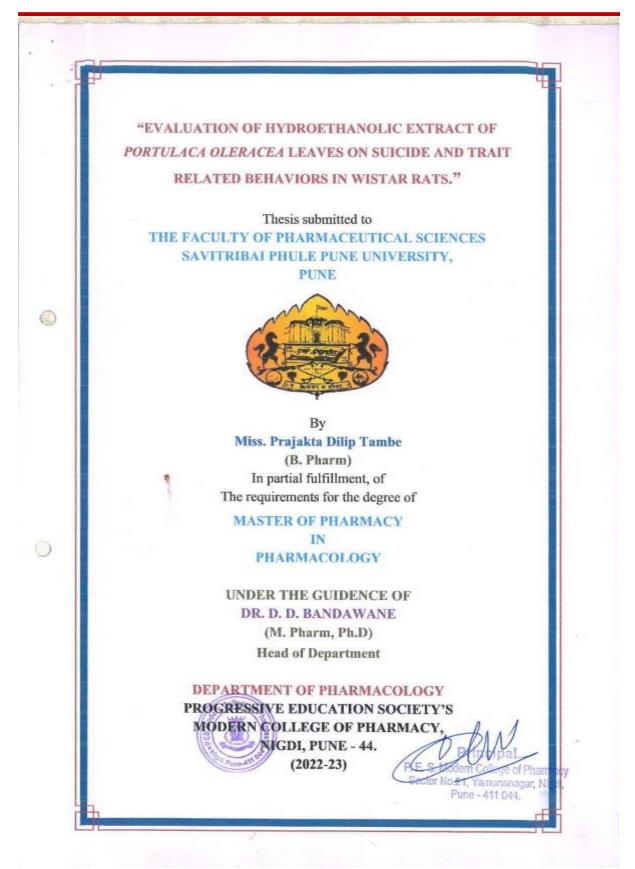




















DECLARATION

I am Ms. Prajakta Dilip Tambe declare that the thesis entitled "Evaluation of hydroethanolic extract of Portulaca Oleracea leaves on suicide and trait related behaviours in wistar rats.." submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr.D.D.Bandawane and co-guidance of Dr. P.S. Kore has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization



Date: 17/6/23

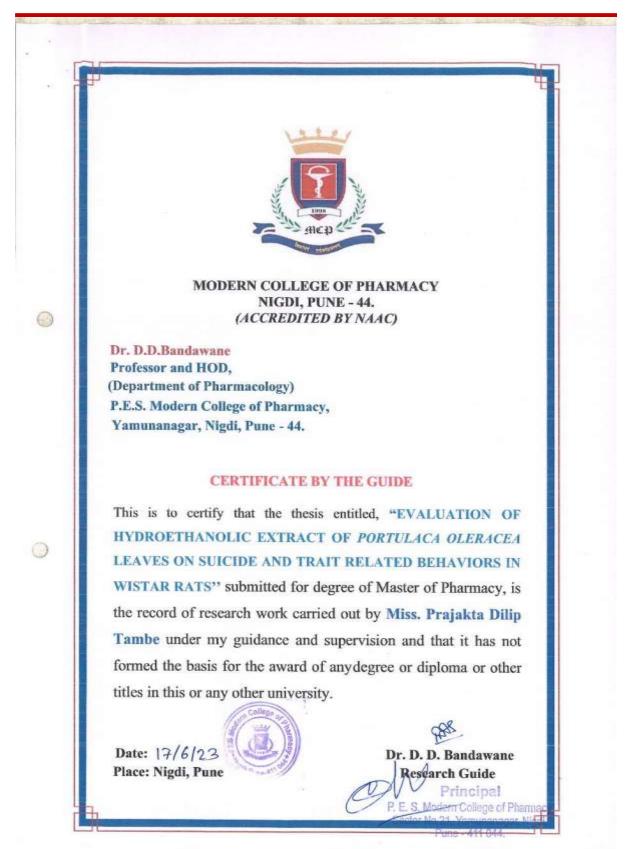
Place: Pune

Miss. Prajakta Dilip Tambe/

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

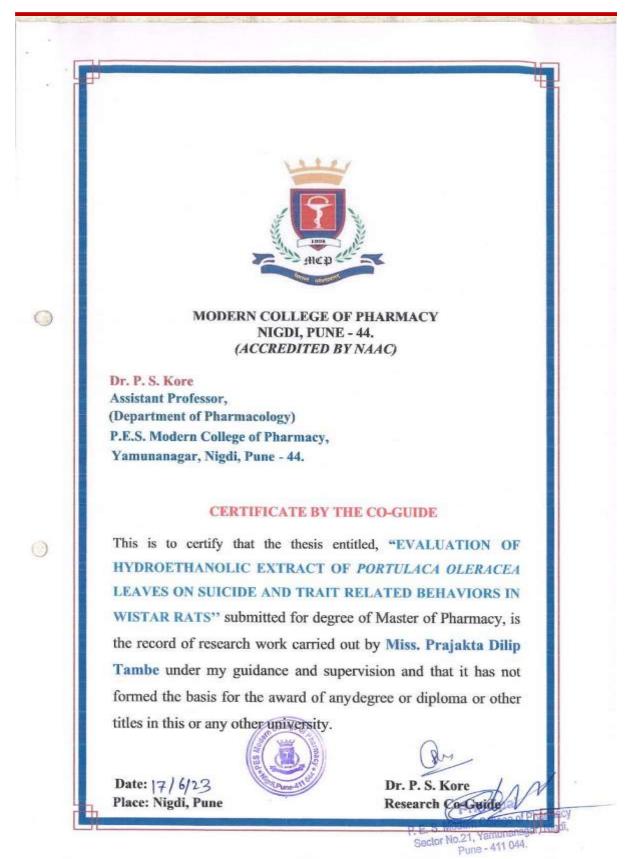


















PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

Dr. D.D.Bandawane

Professor and HOD,
Department of Pharmacology
P. E. S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "Evaluation of hydroethanolic extract of Portulaca Oleracea leaves on suicide and trait related behaviours in wistar rats.." submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by Miss. Prajakta Dilip Tambe under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 17/6/23

Place: Pune

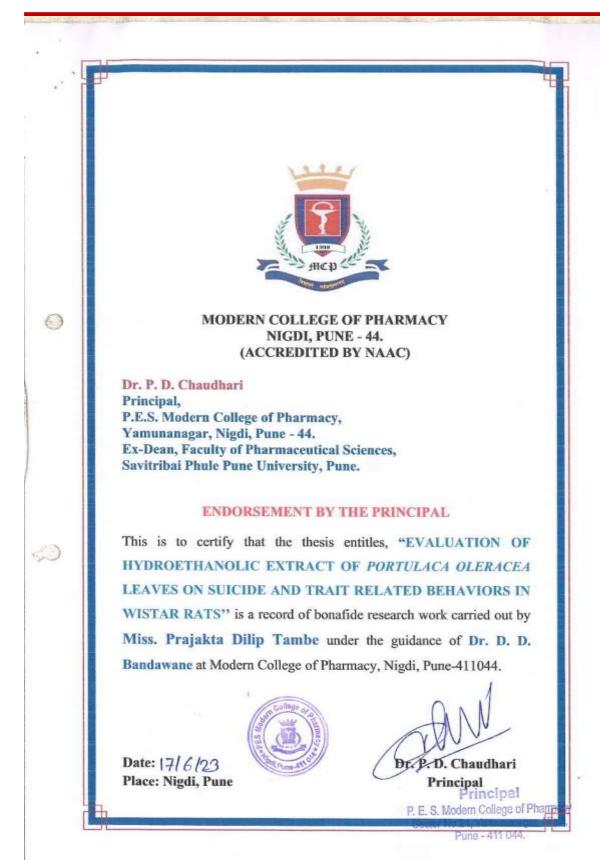


Dr. D.D. Bandawane

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Criteria 1: Curricular Aspects





Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Accredited by NAAC

Best College Award by Savitribai Phule Pune University

pproved by All India Council for Technical Education, New Dolhi, Pharmacy Council of India, New Dolhi,
Directorate of Ischnical Education, Manabel (MS), Permonantly Affiliated to
Sauricibar Phulo Puna University. Puna & Approved under Section 2 (1 a 1 (8) of UGC Act, 1956

action No.21, Yamunanagar, Nigdi, Pune-411 044. (M.S.) Tel.: 020-27661315 Fax: 020-27661314

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal

Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S. Chairman, Business Council

Date- 16-06-2023

M.PHARM SECOND YEAR PHARMACEUTICS PROJECT DETAILS-2022-2023

| Roll no | -Name | Research Topic - | Guide Name |
|---------|------------------------|--|-------------------|
| 1 | Akhote Ashwini | Formulation and evaluation of herbal anti-oxidant for chronic disease treatment | Dr.A.A.Phatak |
| 2 | Biradar Shilpa | Formulation and evaluation of Dual drug loaded polymeric mixed micelles for anti-diabetic treatment. | Dr.N.M Gaikwad |
| 3 | Birajdar Akshada | Formulation and evaluation of dosage form of drug based on hot metal extrusion process | Dr.K.S.Shaikh |
| 4 | Borbane Mayuri | Crystal Engineering: Development of Pharmaceutical crystal of Ritonavir. | Dr.U.C.Galgatte |
| 5 | Garhwani Yogish | Formulation and evaluation of Rilpivirine loaded solid lipid nano particles (SLn) | Dr.S.S.Pimple |
| 6 | Godbharle Amrut | Formulation and evaluation of directly compressed polyherbal antelmintic tablet. | Dr. A.G.More |
| 7 | Khorde Rushikesh | Crystal Engineering: Co-Crystilization approach for Ritonavir to improve solubility. | Dr.U.C.Galgatte |
| 8 | Mahangade Aishwarya | Formulation and evaluation of wound healing Spray with calcium phosphate nanoparticles | Dr. A.G.More |
| 9 | Mahajan Gaurav | Some Studies on exploring potential of zeolites as a drug delivery carrier | Dr.S.S.Pimple |
| 10 | Maske Rutuja | Formulation and evaluation of Co- Crystals of Efavirenz | Dr.Λ.Λ.Phatak |

1

P. E. S. Modern College of Pharmac

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Criteria 1: Curricular Aspects



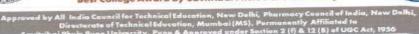


Progressive Education Society's

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Section No.21, Yamunanagar, Nigdi, Pune-411 044. (M.S.) Tel.: 020-27661315 Fax: 020-27661314 E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S.

| Principal | | | | | |
|-----------|----|---------------------|---|-------------------|--|
| | 11 | Phalke Tushar | Formulation and Characterization of fast dissolving oral film of prochlorperazine maleate | Dr.S.S.Pimple | |
| | 12 | Pote Priyanka | Formulation and evaluation of dual drug loaded polymeric mixed micelles for Anti-epileptic treatment | Dr.N.M Gaikwad | |
| | 13 | Tidke Yashoda | Formulation and evaluation of Etoricoxib self-micro emulsifying mouth dissolving films (SMMDF) for periodontal diseases | Dr.U.S.Desai | |
| | 14 | Wable Apurva | Formulation development and evaluation of Darifenacin Hydro bromide nanoemulsion | Dr.A.A.Phatak | |
| | 15 | Wani Darshana | Development and Evaluation of Selenium and Climbazole nanoparticle laden Hydrogel for Seborrhéic Dermatitis / Sebopsoriasis. | Dr.U.S.Desai | |
| | 16 | Wankhede Shefali | Formulation and evaluation of liquid suppository Dosage form | Dr.K.S.Shaikh | |

Dr.A.A.Phatak

HOD

Dr.P. D. Chaudhari

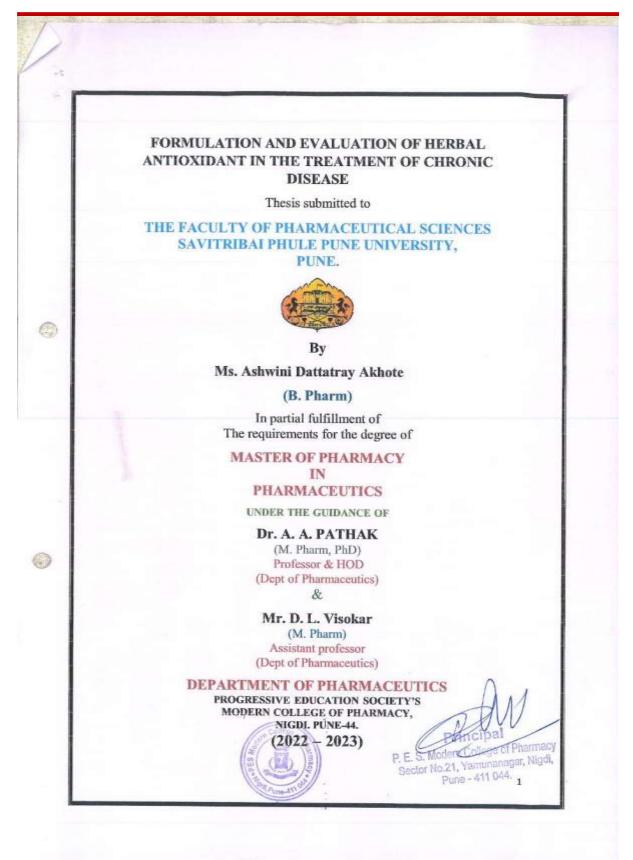


P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

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DECLARATION

I Ms. Ashwini Dattatray Akhote declare that the thesis entitled, "Formulation and Evaluation of Antioxidant in treatment of Chronic Disease", submitted by me for degree of 'Master of Pharmacy' is the record of work carried out by me under the guidance of Dr. A. A. Pathak and Mr. D. L. Visokar and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 15/6/23

Place: pune

Ms. Ashwini D. Akhote

Sector No.21,

.

Yamunanagar, Nigdi,







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF ANTIOXIDANT IN TREATMENT OF CHRONIC DISEASE" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MISS. ASHWINI DATTATRAY AKHOTE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 15/6/23

Place: Pune

Dr. Atul A. Phatak

P.E. S. Matern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and Evaluation of Antioxidant in treatment of Chronic Disease", submitted for degree of Master of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titlesin this or any other University.

Date: 15/6/23

Place: pune

Dr. A.A.Pathak

(M. Pharm PhD)

Guide

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

3





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "Formulation and Evaluation of Antioxidant in treatment of Chronic Disease", submitted for degree of Master of Pharmacy, is the recordof research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titlesin this or any other University.

Date: 15/6/23

Place: Pune

Mr. D. L.

(M. Pharm)

Research Co-Guide

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

4





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and Evaluation of Antioxidant in treatment of Chronic Disease", is a record of bonafide research work carried out by Ms. Ashwini D. Akhote Under the guidance of Mr.A.A.Pathak and Co-Guidance of Mr. D. L. Visokar at Modern College of Pharmacy, Nigdi, Pune-411044.

Date: 15/6/23

Place: pyne

College of our winder

Dr. P. D. Chaudhari

(Principal)

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

5





"FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-DIABETIC TRATMENT"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Shilpa Sanjaykumar Biradar

(B. Pharm.)

In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutics

Under the Guidance of Dr. N.M. Gaikwad (M. Pharm, Ph.D) Associate Professor (Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY,

> NIGDI, PUNE-44 (2022-23)

P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MS. SHILPA SANJAYKUMAR BIRADAR declare that the thesis entitled "FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-DIABETIC TREATMENT" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. N.M. GAIKWAD has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 01/06/2023

Place: Pune

Ms. Shilpa Sanjaykumar Biradar

P. S. Modern College of Pharmacy Sector No. 21, Yamunanagar, Nigdi,







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. N. M. GAIKWAD

Associate Professor, Department of Pharmaceutics, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMUALTION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-DIABETIC TREATMENT" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MS. SHILPA SANJAYKUMAR BIRADAR under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 01/06/2023

Place: Pune



Dr. N.M. Gajkwad Research Guide

> P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department, (PHARMACEUTICS) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-DIABETIC TREATMENT" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MS. SHILPA SANJAYKUMAR BIRADR under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 01/06/2023

Place: Pune

Dr. Atul A. Phatak

P. E. S. Nodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDL PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal, P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-DIABETIC TREATMENT". For MASTER OF PHARMACY (PHARMACEUTICS) is a record of bonafide research work carried out by MS. SHILPA SANJAYKUMAR BIRADAR under the guidance of DR. N.M. GAIKWAD at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2021-2022.

Date: 01 | 06 | 2023

Place: Nigdi, Pune

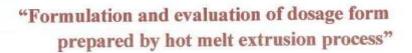
Dr. P.D. Chaudhari Principal

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Thesis submitted to

THE FACULTY OF

PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Miss. Birajdar Akshata Balaji

(B. Pharm.)

In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutics

Under the Guidance of

Dr. K S. Shaikh

(M. Pharm. PhD)

Professor

(Department Of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

ODERN COLLEGE OFPHARMACY

NIGDI, PUNE-44

(2022-23)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MISS. BIRAJDAR AKSHATA BALAJI declare that the thesis entitled "Formulation and evaluation of dosage form prepared by hot melt extrusion process" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. K. S. SHAIKH has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 15/6/23

Place: Pune

College of the state of the sta

Miss. Birajdan Akshata Balaji

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunan gar, Nigdi,







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. K. S. SHAIKH

Professor,
Department Of Pharmaceutics
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "Formulation and evaluation of dosage form prepared by hot melt extrusion process" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MISS. BIRAJDAR AKSHATA BALAJI under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 15/6/23

Place: Pune

*

Dr. K. S. Shaikh Research Guide

> P. E. S. Honem Catego of Phaning Sector No.21, Yamunanagar, Nigdl, Pune -411 044







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department, (PHARMACEUTICS) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 15/6/23

Place: Pune

College Or Walled

Dr. Atul A. Phatak

P. E. S. Modern College of hermal Sector No.21, Yamtinanagar, Nigd







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 15/6/23 Place: Nigdi, Pune College Or Annual Troph

or. P.D. Chaudhari Principal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





"CRYSTAL ENGINEERING: DEVELOPMENT OF PHARMACEUTICAL COCRYSTALS OF RITONAVIR"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Miss. MAYURI SHASHIKANT BORBANE

(B. Pharm.)

In partial fulfillment of

The requirements for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICS

Under the Guidance of

Dr. UPENDRA C. GALGATTE

(M. Pharm. PhD)

Associate

Professor

(Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY

NIGDI, PUNE-44

(2022-23)

P. E. S. Modern College

Sector No.21, Yamunacagar, Nigdl, Pune - 411 044.



6



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Miss. MAYURI SHASHIKANT BORBANE declare that the thesis entitled "CRYSTAL ENGINEERING: DEVELOPMENT OF PHARMACEUTICAL COCRYSTALS OF RITONAVIR" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. UPENDRA C. GALGATTE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 14/6/23

Place: Nigdi, Pune

MISS. MAYURI SHASHIKANT BORBANI

P. E. S. Modern College of Pharmaco Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. UPENDRA C. GALGATTE

Associate Professor, Department of Pharmaceutics, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

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Date: 14/6/23

Place: Nigdi, Pune

Dr. Upendra C. Galgatte Associate professor

Research Guide

P. E. Schooern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,







PES' MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44
(ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department, (PHARMACEUTICS) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

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Date: 14/6/23

Place: Pune

Dr. Atul A. Phatak

Principal Principal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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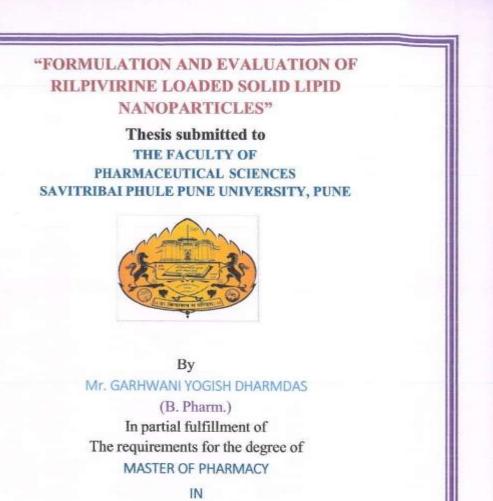
Date: 14/6/23 Place: Nigdi, Pune College Drown and College Drow

Principal A

P. E. Scholan Colone of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Pharmaceutics

Under the Guidance of Dr. SMITA S. PIMPLE (M. Pharm. PhD) Professor (Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY

NIGDI, PUNE-44

(2022-23)

E. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. GARHWANI YOGISH DHARMDAS declare that the thesis entitled "FORMULATION AND EVALUATION OF RILPIVIRINE LOADED SOLID LIPID NANOPARTICLES" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SMITA S. PIMPLE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 17/6/23

Mr. GARHWANI YOGISH DHARMDAS

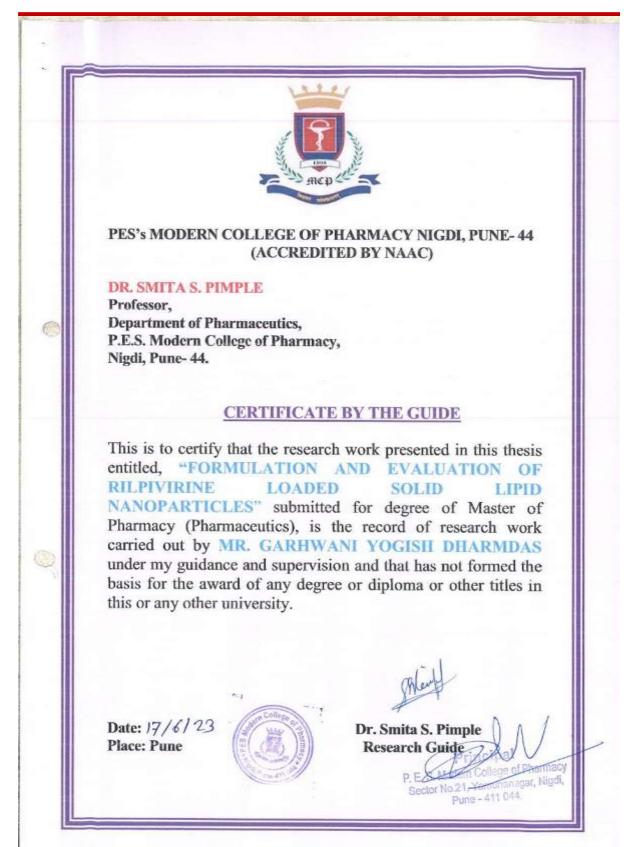
Place: Pune

SAL COHOUS OF ANALYSIS

P. E. S. Modern Evillege of Pharmaco Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF RILPIVIRINE LOADED SOLID LIPID NANOPARTICLES" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MR. GARHWANI YOGISH DHARMDAS under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 17/6/23

Place: Pune

Magmacy

Dr. Atul A. Phatak

HOD

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 17/6/23 Place: Nigdi, Pune Dr. P.D. Chaudhari Principal

> P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"FORMULATION AND EVALUATION OF DIRECTLY COMPRESSED POLYHERBAL ANTHELMINTIC TABLET"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. AMRUT NAMDEV GODBHARLE

(B. Pharmacy)

In partial fulfillment of

The requirements for the degree of

MASTER OF PHARMACY IN

PHARMACEUTICS

Under the Guidance of

DR. ANURADHA G. MORE

(M. Pharm, Ph.D.)

(Department of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY NIGDI, PUNE

2021-2023







SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Mr. AMRUT NAMDEV GODBHARLE declares

that the thesis entitled "Formulation and Evaluation of directly compressed polyherbal anthelmintic tablet" submitted by me for my Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. ANURADHA G. MORE and has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 14/6/2

Mr. Amrut Namdey Godbhar

Place: pune

Pharmac Sector Ne 21, Yamunanagar, Nigdi,

Pune - 411 044





Dr. Anuradha G. More

Professor, Department of Pharmaceutics P. E.S. Modern College of Pharmacy Nigdi, Pune-44



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation And Evaluation of directly compressed anthelmintic polyherbal tablet" submitted for the degree of Master of Pharmacy, is the record of research work carried out by Mr. Amrut Namdev Godbharle under my guidance and supervision and that this has not formed the basis for the award of any degree or diplomaor other titles in this or any other University.

Date: 14/6/23

Place: Pune

Dr. Anuradha G More

Assistant Professor





DR. P. D. Chaudhari

Principal,
P. E.S. Modern College of Pharmacy,
Yamuna nagar, Nigdi, Pune-44
Ex. Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

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Date 14/6/23

Place: Pune

Dr. Pravin D.

Principal

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunshagar, Nigdi, Pune - 411 044.





"CRYSTAL ENGINEERING: CO-CRYSTALLIZATION APPROACH FOR RITONAVIR TO IMPROVE SOLUBILITY"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. KHORDE RUSHIKESH VIKRAM

(B. Pharm.)

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Under the Guidance of Dr. UPENDRA C. GALGATTE (M. Pharm. PhD) Associate Professor (Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE-44 (2022-23) P. E. S. Modern College of Pharm Sector No.21, Yamunanagar, Nig Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. KHORDE RUSHIKESH VIKRAM declare that the thesis entitled "CRYSTAL ENGINEERING: CO-CRYSTALLIZATION APPROACH FOR RITONAVIR TO IMPROVE SOLUBILITY" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. UPENDRA C. GALGATTE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16/6/23

Place: Pune

Mr. KHORDE RUSHIKESH VIKRAM

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. UPENDRA C. GALGATTE

Associate Professor, Department of Pharmaceutics, P. E. S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

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Date: 16/6/23

Place: Pune

Dr. Upendra C. Galgatte

Research Guide

Sector No.21, Yamunanagar,

Pune - 411 044







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "CRYSTAL ENGINEERING: CO-CRYSTALLIZATION APPROACH FOR RITONAVIR TO IMPROVE SOLUBILITY" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MR. KHORDE RUSHIKESH VIKRAM under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 16/6/23

Place: Pune

Dr. Atul A. Phatak

HOD

Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "CRYSTAL ENGINEERING: CO-CRYSTALLIZATION APPROACH FOR RITONAVIR TO IMPROVE SOLUBILITY". For MASTER OF PHARMACY (PHARMACEUTICS) is a record of bonafide research work carried out by MR. KHORDE RUSHIKESH VIKRAM under the guidance of DR. UPENDRA C. GALGATTE at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: |6/6/23 Place: Nigdi, Pune Dr. P.D. Chaudhari Principal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunariagar, Nigdi,
Pune - 411 044.





"FORMULATION AND EVALUATION OF WOUND HEALING SPRAY WITH CALCIUM PHOSPHATE NANOPARTICLES"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Miss. AISHWARYA SHIVAJI MAHANGADE

(B. Pharmacy)

In partial fulfillment of

The requirements for the degree of

MASTER OF PHARMACY IN

PHARMACEUTICS

Under the Guidance of

DR. ANURADHA G. MORE

(M. Pharm, Ph.D.)

(Department of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY NIGDL, PU

2022-2023

Sector No.21, Yamunan sgar, Nigdi,





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Miss. AISHWARYA SHIVAJI MAHANGADE declares that the thesis entitled "Formulation and Evaluation of Wound Healing spray with Calcium Phosphate Nanoparticles" submitted by me for my Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. ANURADHA G. MORE and has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 19 /06/2023 Miss. Aishwarya Shivaji Maha

Anhangade

Place: Nigdi, Pune

Pune - 411 044.





Dr. Anuradha G. More

Professor,
Department of Pharmaceutics
P. E.S. Modern College of Pharmacy
Nigdi, Pune-44



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation And Evaluation of Wound Healing Spray with Calcium Phosphate Nanoparticles" submitted for the degree of Master of Pharmacy, is the record of research work carried out by Miss. Aishwarya Shivaji Mahangade under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 19/06/2023.

Place: Nigdi, Pune.,

Dr. Anuradha G More

Assistant Professor

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdl, Pune - 411 044.





Dr. Atul A Phatak

Head of the Department,
Department of Pharmaceutics
P. E.S. Modern College of Pharmacy
Nigdi, Pune-44



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

CERTIFICATE BY THE H.O.D

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Date: 19/06/2023

Dr. Atul A Phatak

Place: Nigdi, Pune

H.O.D.

P. E. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi

Pune - 411 044,





DR. P. D. Chaudhari

Principal,
P. E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune-44
Ex. Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

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Date |9 |06 | 2023

Dr. Prayin D, Chaudhari

Place: Nigdi, Pune!

Principal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.







Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Mr. MAHAJAN GAURAV ARUN

(B. Pharm.)

In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutics

Under the Guidance of
Dr. SMITA S. PIMPLE
(M. Pharm. PhD)
Professor
(Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY,

NIGDI, PUNE-44

(2022-23)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. MAHAJAN GAURAV ARUN declare that the thesis entitled "SOME STUDIES ON EXPLORING POTENTIAL OF ZEOLITES AS A DRUG DELIVERY CARRIER" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SMITA S. PIMPLE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 14/6/23

Place: Pune



Mr. MAHAJAN GAURAVARUN

P. C. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. SMITA S. PIMPLE

Professor, Department of Pharmaceutics, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "SOME STUDIES ON EXPLORING POTENTIAL OF ZEOLITES AS A DRUG DELIVERY CARRIER" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MR. MAHAJAN GAURAV ARUN under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Pune

Dr. Smita S. Pimple Research Guide

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 04







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

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Date: 14/6/23

Place: Pune

Dr. Atul A. Phatak

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,

P. E. S. Modern College of Pharmacy,

Yamunanagar, Nigdi, Pune-44.

Ex-Dean, Faculty of Pharmaceutical Sciences,

Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis "SOME STUDIES ON EXPLORING POTENTIAL OF ZEOLITES AS A DRUG DELIVERY CARRIER". MASTER OF For PHARMACY (PHARMACEUTICS) is a record of bonafide research work carried out by MR. MAHAJAN GAURAV ARUN under the guidance of DR. SMITA S. PIMPLE at PES's Modern College of Pharmacy, Nigdi, Pune-44 during the academic year 2022-2023.

Date: 14/6/23

Place: Nigdi, Pune

Dr. P. D. Chaudhar Principal

> P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





"FORMULATION AND EVALUATION OF CO-CRYSTALS OF EFAVIRENZ"

Thesis Submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAL PHULE PUNE UNIVERSITY, PUNE



R١

MISS. RUTUJA ZUMBER MASKE

(B. PHARM)

In partial fulfillment of the

Requirements for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICS

Under the Guidance of

DR. ATUL A. PHATAK

(Professor and Head, Department of pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (2022-23)

(ACCREDITED BY NAAC and NBA)



Sector No.21, Yamivasagar, Mgdl, Pune - 411 044.





"FORMULATION AND EVALUATION OF CO-CRYSTALS OF EFAVIRENZ



A THESIS SUBMITTED TO

SAVITRIBAL PHULE PUNE UNIVERSITY

FOR THE AWARD OF DEGREE

MASTER OF PHARMACY

IN

PHARMACEUTICS

SUBMITTED BY

MISS. RUTUJA ZUMBER MASKE

(B. PHARM)

UNDER THE GUIDANCE OF

DR. ATUL A. PHATAK

(Professor and Head,

Department of pharmaceutics)

RESEARCH CENTER

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44

(ACCREDITED BY NAAC)

(2022-23)

P. E. S. Modern College of Phormacy Sector No.21, Yamunanagar, Mgdi,

Pune - 411 044.







DECLARATION BY THE CANDIDATE

I, Miss. Rutuja Zumber Maske declare that the thesis entitled "Formulation and Evaluation of co-crystals of antiviral drug efavirenz" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of Dr. Atul A. Phatak and has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 01 | 06 | 2023

Place: Nigdi, Rune .

Ms. Rutuja Zumber Maske

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yemunanagar, Nigdl, Pune - 411 044.







PES'S MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44

(ACCREDITED BY NAAC)

Dr. Atul A. Phatak

Professor and Head,

Department of Pharmaceutics,

PES Modern College of pharmacy

Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation And Evaluation of co-crystals of antiviral drug Efavirenz" submitted for degree of Master of Pharmacy, is the record of research work carried out by Miss. Rutuja Zumber Maske under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 01 06 2023

Place: Nigdi, Bune

Dr. Atul A. Phatak

(Professor and Head

Department of pharmaceutics)

Research guide

PES MODERN COLLEGE OF PHARMACY, NIGDI PUNE-44

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunahagar, Nigdl,







PES'S MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

Dr. Atul A. Phatak

Professor and Head,

Department of Pharmaceutics,

PES Modern College of pharmacy

Nigdi, Pune-44

CERTIFICATE BY THE HOD

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Date: 01 06 2023

Place: Nigdi, Bune

Dr. Atul A. Phatak

(Professor and Head

Department of pharmaceutics)

PES MODERN COLLEGE OF PHARMACY, NIGDI PUNE-4

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Puna - 411 044.







DR. P. D. Chaudhari

Principal.

P.E.S. Modern College of pharmacy,

Yamunanagar, Nigdi, Pune-44

Ex. Dean, Faculty of Pharmaceutical Sciences,

Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and Evaluation of Co-crystals of Antiviral Drug Efavirenz" submitted for degree of Master of Pharmacy, is the record of bonafide research work carried out by Miss. Rutuja Zumber Maske under the guidance of Dr. Atul A. Phatak at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date: 01 06 2023

Place: Nigdi, Pune

Dr. Pravin D. Chaudhari

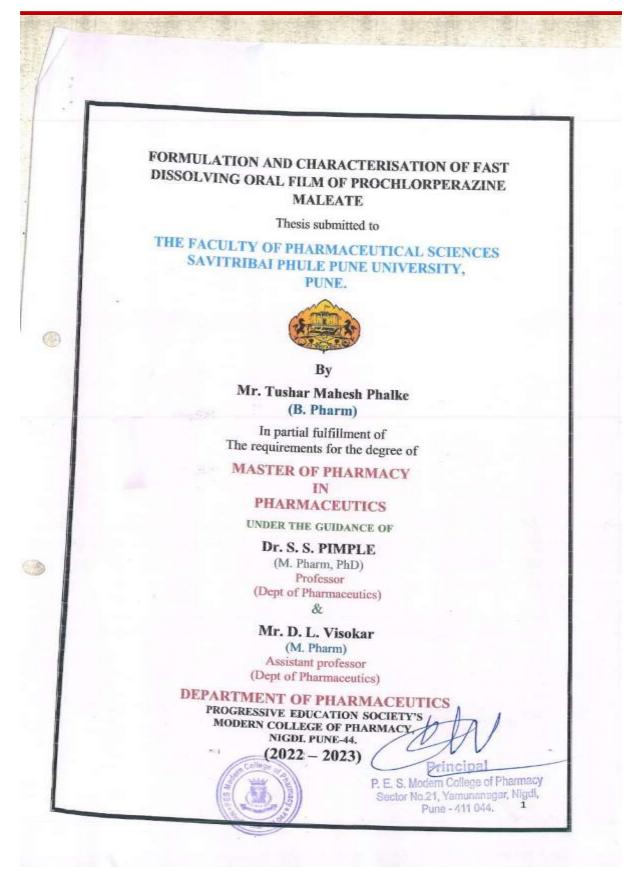
Principal

Principal
P. E. S. Modern College of Phermacy
Sector No. 21 Vannus

Pune - 411 044











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Mr. Tushar Mahesh Phalke declare that the thesis entitled, "Formulation and characterization of fast dissolving oral film of prochlorperazine maleate", submitted by me for degree of 'Master of Pharmacy' is the record of work carried out by me under the guidance of Dr. S. S. Pimple and Mr. D. L. Visokar and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 14/6/23

Place: Pune

Mr. Tushar M. Phalke

P. E. S. Modern College of Pharmacy Sector No.21, Yaanunanagar, Nigdi, Pune - 411 044.

2



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P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and characterization of fast dissolving oral film of prochlorperazine maleate", submitted for degree of Master of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titlesin this or any other University.

Date: 14/6/23

Place: Pune

Dr. S. S. Pimple

(M. Pharm PhD)

Guide

P. E. S. Modern Cottage of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

3



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P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "Formulation and characterization of fast dissolving oral film of prochlorperazine maleate", submitted for degree of Master of Pharmacy, is the recordof research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titlesin this or any other University.

Date: 14/6/23

(M. Pharm)

Research Co-Guide

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND CHARACTERIZATION OF FAST DISSOLVING ORAL FILM OF PROCHLORPERAZINE MALEATE" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MR. PHALKE TUSHAR MAHESH under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Pune

Dr. Atul A. Phatak

N

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



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Date: 1416/23

Place: pune

College of one

Dr. P. D. Chaudhari (Principal)

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

5





"FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-EPILEPTIC TREATMENT"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Priyanka Dadabhau Pote

(B. Pharm.)

In partial fulfillment of
The requirements for the degree of
MASTER OF PHARMACY

IN

Pharmaceutics

Under the Guidance of Dr. N. M. Gaikwad (M. Pharm, Ph.D) Associate Professor (Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE-44

(2022-23)

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MS. PRIYANKA DADABHAU POTE declare that the thesis entitled "FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-EPILEPTIC TREATMENT" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. N. M. GAIKWAD has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 01/06/20 23

Place: Pune

Salege of Callege of C

Ms. Priyanka Dadabhau Pote







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. N. M. GAIKWAD

Associate Professor, Department of Pharmaceutics, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMUALTION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-EPILEPTIC TREATMENT" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MS. PRIYANKA DADABHAU POTE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 01/06/2023

Place: Pune

Dr. N.M. Gaikwad Research Guide

Pfincipal
P. E. S. Modern College of Pharm

PURE CT COL







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR, ATUL A, PHATAK

Head of Department, (PHARMACEUTICS) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

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Date: 01/06/2023

Place: Pune

Man Coult de de Court de la co

Dr. Atul A. Phatak







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "FORMULATION AND EVALUATION OF DUAL DRUG LOADED POLYMERIC MIXED MICELLES FOR ANTI-EPILEPTIC TREATMENT". For MASTER OF PHARMACY (PHARMACEUTICS) is a record of bonafide research work carried out by MS.PRIYANKA DADABHAU POTE under the guidance of DR. N.M. GAIKWAD at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2021-2022.

Date: 01/06/2023

Place: Nigdi, Pune

Dr. P.D. Chaudhari Principal





Formulation and Evaluation of Etoricoxib Self micro emulsifying mouth dissolving films (SMMDF)for periodontal diseases.

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCESSAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



By

Ms. Yashoda Navnath Tikde

(B. Pharm)

For the award of degree

MASTER OF PHARMACY

IN

PHARMACEUTICS

UNDER THE GUIDANCE OF

Dr. K. S. Shaikh (M. Pharm, PhD)

Professor

(Dept of Pharmaceutics)

&

Dr. U. S. Desai (M. Pharm, PhD)

Assistant professor

(Dept of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE - 44.

(ACCREDITED BY NAAC)

(2022 - 2023)



Noder College of Pharmacy Sector No 21, ramunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. Yashoda Navnath Tikde declare that the thesis entitled, "Formulation and Evaluation of Etoricoxib Self micro emulsifying mouth dissolving films (SMMDF)for periodontal diseases." submitted by me for degree of 'Master of Pharmacy' is the record of work carried out by me under the guidance of Dr. K. S. Shaikh and Dr. U.S. Desai and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 17/6/2

Place: Pune

Hidele

Ms. Yashoda Tidke

Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







CERTIFICATE BY THE GUIDE

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Date: 17/6/23

Place: pune

Dr. K. S. Shaikh (M. Pharm, PhD) Research Guide

Sector No.21, Yamunar agar, Nigdli, Pune - 411 044.

P. E. S. Modern Col

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044







CERTIFICATE BY THE CO-GUIDE

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Date: 17/6/23

Place: pune.

Dr. U. S. Desai (M. Pharm, PhD)

Research Co-Guide







ENDORSEMENT BY THE PRINCIPAL

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Date: 17/6/23

Place: Pune

Dr. P. D. Chaudhari

(Principal)







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Date: 17/6/23

Place: Pune

College of commence

Dr. A. A. Phatak HOD





"FORMULATION DEVELOPMENT AND EVALUATION OF DARIFENACIN

HYDROBROMIDE NANOEMULSION"

Thesis Submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAL PHULE PUNE UNIVERSITY, PUNE



BY

MISS. APURVA NITIN WABALE

(B. PHARM) . .

In partial fulfillment of the

Requirements for the degree of

MASTER OF PHARMACY

IN

PHARMACEUTICS

Under the Guidance of

DR. ATUL A. PHATAK

(Professor and Head, Department of pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (2022-23)

(ACCREDITED BY NAAC and NBA)









"FORMULATION DEVELOPMENT AND EVALUATION OF DARIFENACIN

HYDROBROMIDE NANOEMULSION"



A THESIS SUBMITTED TO

SAVITRIBAL PHULE PUNE UNIVERSITY

FOR THE AWARD OF DEGREE

MASTER OF PHARMACY

IN

PHARMACEUTICS

SUBMITTED BY

MISS. APURVA NITIN WABALE

(B. PHARM)

UNDER THE GUIDANCE OF

DR. ATUL A. PHATAK

(Professor and Head,

Department of pharmaceutics)

RESEARCH CENTER

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44

(ACCREDITED BY NAAC)

(2022-23)







DECLARATION BY THE CANDIDATE

I, Miss. Apurva Nitin Wabale declare that the thesis entitled
"FORMULATION DEVELOPMENT AND EVALUATION OF

DARIFENACIN HYDROBROMIDE NANOEMULSION" submitted by
me for Degree of Master of Pharmacy is the record of work
carried out by me under the guidance of Dr. Atul A. Phatak
and has not formed the basis for the award of any degree or
diploma or other titles in this or any other University.

Date: 01 06 2023

Place: Nigdi, Rune



Ms. Apurva Nitin Wabale







PES'S MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

Dr. Atul A. Phatak

Professor and Head,

Department of Pharmaceutics,

PES Modern College of pharmacy

Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "FORMULATION DEVELOPMENT AND EVALUATION OF DARIFENACIN HYDROBROMIDE NANOEMULSION" submitted for degree of Master of Pharmacy, is the record of research work carried out by Miss. Apurva Nitin Wabale under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 01 06 2023

Place: Nigdi, Rune

Dr. Atul A. Phatak

(Professor and Head

Department of pharmaceutics)

Research Guide

PES MODERN COLLEGE OF PHARMACY, NIGDI PUNE-44







PES'S MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

Dr. Atul A. Phatak

Professor and Head,

Department of Pharmaceutics,

PES Modern College of pharmacy

Nigdi, Pune-44

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Date: 01 06 2023

Place: Nigdi, Rune

Dr. Atul A. Phatak

(Professor and Head

Department of pharmaceutics)

PES MODERN COLLEGE OF PHARMACY, NIGDI PUN



1





DR. P. D. Chaudhari

Principal.

P.E.S. Modern College of pharmacy,

Yamunanagar, Nigdi, Pune-44

Ex. Dean, Faculty of Pharmaceutical Sciences,

Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "FORMULATION DEVELOPMENT AND EVALUATION OF DARIFENACIN HYDROBROMIDE NANOEMULSION" submitted for degree of Master of Pharmacy, is the record of bonafide research work carried out by Miss. Apurva Nitin Wabale under the guidance of Dr. Atul A. Phatak at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date: 01/06/2023

Place: Nigdi, Pune

Dr. Prayin D Chaudhari

Principal





Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Sebopsoriasis.

Thesis submitted to
THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



By MS. DARSHANA H. WANI

In Partial Fullfillment of The Requirements for the degree of

MASTER OF PHARMACY IN PHARMACEUTICS

UNDER THE GUIDANCE OF Dr. Upendra C. Galgatte (M. Pharm, PhD) Associate Professor

CO-GUIDE

Dr. Ujwala S. Desai

(M. Pharm, PhD)

Assistant Professor

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE

(ACCREDITED BY NAAC)

(2022 - 2023)



0



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ms. Darshana H. Wani declare that the thesis entitled, "Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Sebopsoriasis." submitted by me for degree of 'Master of Pharmacy' is the record of work carried out by me under the guidance of Dr. U. C. Galgatte & Dr. U. S. Desai and has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization.

Date: 16/6/23

Place: Nigdi, Pune

Ms. Darshana H. Wani





P. E. Society's

MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



DR. UPENDRA C. GALGATTE

Associate Professor,
Department of Pharmaceutics
P. E. S. Modern College of Pharmacy,
Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Sebopsoriasis." submitted for degree of Master of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 16/6/23

Dr. Upendra C. Galgatte

Place: Nigdi, Pune

(Associate Professor)







DR. UJWALA S. DESAI

Assistant Professor,
Department of Pharmaceutics
P. E. S. Modern College of Pharmacy,
Nigdi, Pune-44

CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Sebopsoriasis." submitted for degree of Master of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |6/6/23

Place: Nigdi, Pune

Dr. Ujwala S. Desai

(Assistant Professor)







CERTIFICATE BY THE HOD

This is to certify that the thesis entitled, "Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Seborrheic Dermatitis" submitted for degree of Master of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |6/6/23

Place: Nigdi, Pune

Dr. Atul P. Phatak

(HON)

P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







DR. P.D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune-44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Development and Evaluation of Selenium and Climbazole Nanoparticles Laden Hydrogel for Sebopsoriasis" is a record of bonafide research work carried out by Ms. Darshana Harishchandra Wani under the guidance of Dr. U. C. Galgatte and Dr. U. S. Desai at Modern College of Pharmacy, Nigdi, Pune - 411044.

Date: 16/6/23 Place: Nigdi, Pune Principal)





"FORMULATION AND EVALUATION OF LIQUID SUPPOSITORY DOSAGE FORM"

Thesis submitted to THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Miss. SHEFALI DINESHRAO WANKHADE

(B. Pharm.)

In partial fulfillment of The requirements for the degree of MASTER OF PHARMACY

IN

Pharmaceutics

Under the Guidance of Dr. K. S. SHAIKH (M. Pharm. PhD)

Professor

(Dept. of Pharmaceutics)

DEPARTMENT OF PHARMACEUTIO

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)

P. E. S. Modern Coll





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Miss. SHEFALI DINESHRAO WANKHADE declare that the thesis entitled "FORMULATION AND EVALUATION OF LIQUID SUPPOSITORY DOSAGE FORM" submitted by me for degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. K. S. SHAIKH has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 14/6/23

Place: Pune

Smakhool

Miss. SHEFALI DINESHRAO WANKHADE







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. K. S. SHAIKH

Professor, Department of Pharmaceutics, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF LIQUID SUPPOSITORY DOSAGE FORM" submitted for degree of Master of Pharmacy (Pharmaceutics) is the record of research work carried out by MISS. SHEFALI DINESHRAO WANKHADE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Pune

College Or College Or

Dr. K. S. Shaikh Research Guide







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department, (PHARMACEUTICS) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF LIQUID SUPPOSITORY DOSAGE FORM" submitted for degree of Master of Pharmacy (Pharmaceutics), is the record of research work carried out by MISS. SHEFALI DINESHRAO WANKHADE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Pune



Dr. Atul A. Phatak







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "FORMULATION AND EVALUATION OF LIQUID SUPPOSITORY DOSAGE FORM". For MASTER OF PHARMACY (PHARMACEUTICS) is a record of bonafide research work carried out by MISS. SHEFALI DINESHRAO WANKHADE under the guidance of DR. K. S. SHAIKH at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2021-2022.

Date: (4/6/23 Place: Nigdi, Pune Tollege of the state of the sta

Dr. P.D. Chaudhari Principal







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Approved by All India Council for Tachnical Education, New Delhi, Pharmacy Council of India, New Delhi, Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to Savitribai Phule Pune University, Pune & Approved under Section 2 (f) & 12 (8) of UGC Act, 1956

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S. Chairman, Businuss Counci

Date- 16-06-2023

M.PHARM SECOND YEAR PHARMACEUTICAL CHEMISTRY PROJECT DETAILS 2022-2023

| Roll no | Name | Research Topic | Guide Name |
|------------|----------------------------------|--|--------------------|
| 201 | Geeta anil anawade | Design, synthesis and evaluation of some MAO-B inhibitors as Anti- Alzheimer's agents. | Mr. S.Y. Chaudhari |
| 202 | Dnyaneshwari ravindra chopade | Design, synthesis and evaluate antioxidant, antibacterial and anti- inflammatory activity of some Luteolin derivatives. | Dr Pallavi Patil |
| 203 | Rutuja udhav gaikwad | Synthesis, purification, isolation and characterization of key impurities of Metoprolol. | Dr. A. S. Tapkir |
| 204 | Shraddha Prakashrao gaikwad | Design and synthesis of novel pyridopyrimidine derivatives as selective jak inhibitors in antineoplastic activity. | Dr. S. B. Jadhav |
| 205 | Sahil shyam gawande | Design, synthesis and evaluation of quinoline derivatives as Anti- Cancer agents. | Dr. S. B. Jadhav |
| 206 | Virendrakumar madhukar kamble | Bile Acid Functionalized π- conjugated Derivatives: Synthesis & Biological evaluation. | Dr. S. B. Jadhav |
| 207 | Vaishnavi sanjay magar | Design, synthesis and evaluation of di-hydro pyrimidinone derivatives as Anti-Cancer agents. | Dr. S. B. Jadhav |
| 208 | Sneha Nandkumar Rashinkar | Synthesis, Purification and characterization of some impurities of Bisoprolol. | Dr. A. S. Tapkir |
| 209 | Asavari Ramesh Shinde | Design, synthesis and evaluation of some NMDA receptor antagonists as Anti-Alzheimer's agents. | Mr. S.Y. Chaudhari |
| 210 | Namrata Narsingrao Shinde | Design, synthesis and evaluation of some GSK- 3 Beta inhibitors as Anti-Alzheimer's agents. | Mr. S.Y. Chaudhari |

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Approved by All India Council for Technical Education, New Delhi, Pharmacy Council of India, New Delhi
Directorate of Technical Education, Mumbai (MS), Permanently Affiliated to
Savitribai Phule Pune University, Pune & Approved under Section 2 (f) & 12 (8) of UGC Act, 1956

ection No.21, Yamunanagar, Nigdi, Pune 411 044. (M.S.) Tel.: 020-27661315 Fax: 020-27661314

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Prof. Dr. G. R. Ekbote M.S., M.N.A.M.S.

| Principal | | | Chairman, Business Co | |
|-----------|------------------------------|--|-----------------------|--|
| 211 | Sanket Rajendra Shirsath | Design, synthesis and evaluation of some BACE-1 inhibitors as Anti- Alzheimer's agents. | Mr. S.Y. Chaudhari | |
| 212 | Mayuri Bharat Suryawanshi | Design, synthesis and evaluate antioxidant, antibacterial and anti- inflammatory activity of some Apigenin derivatives. | Dr Pallavi Patil | |
| 213 | Radhika Somnath Vyavahare | Design, Synthesis and Biological Evaluation of some naphthoquinone derivatives as Anti-Alzheimer agents | Dr. S. B. Jadhav | |
| 214 | Pradnya Sangram Waghmare | Synthesis, purification and characterization of some impurities of propranolol. | Dr. A. S. Tapkir | |

Dr.S.B.Jadhav

H.O.D

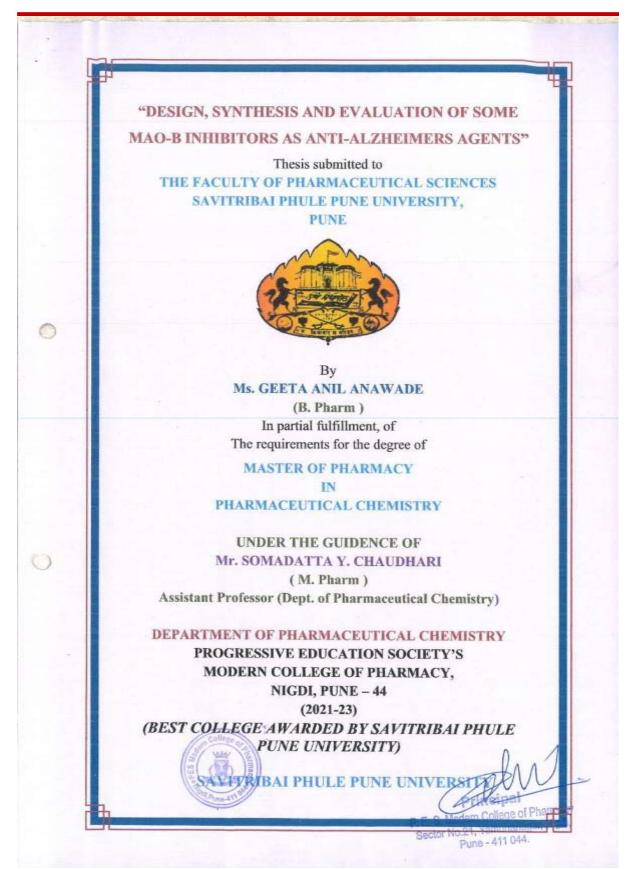
D Chaudhari PRINCIPAL

Principal
P.E.S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044,

STRIVING TOWARDS EXCELLENCE FOREVER

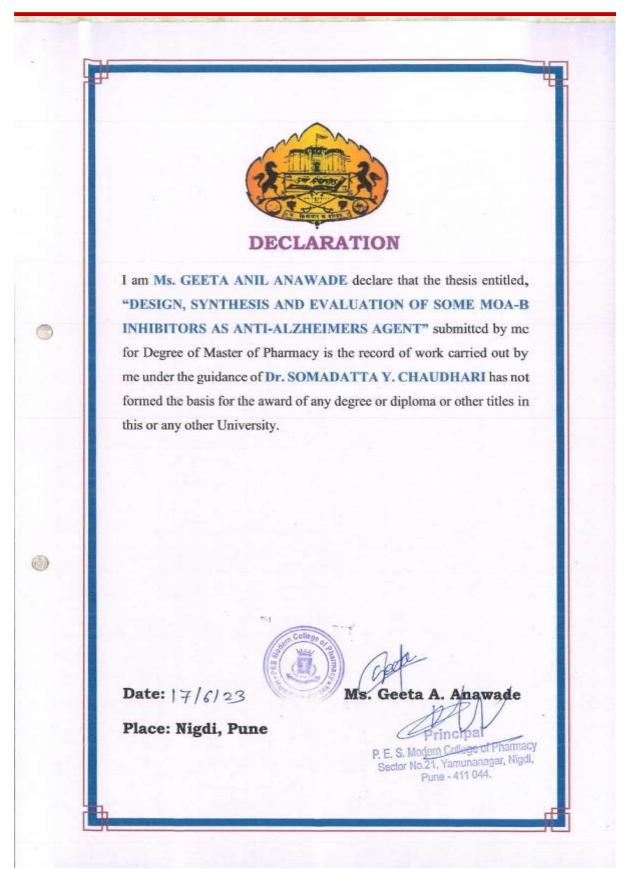












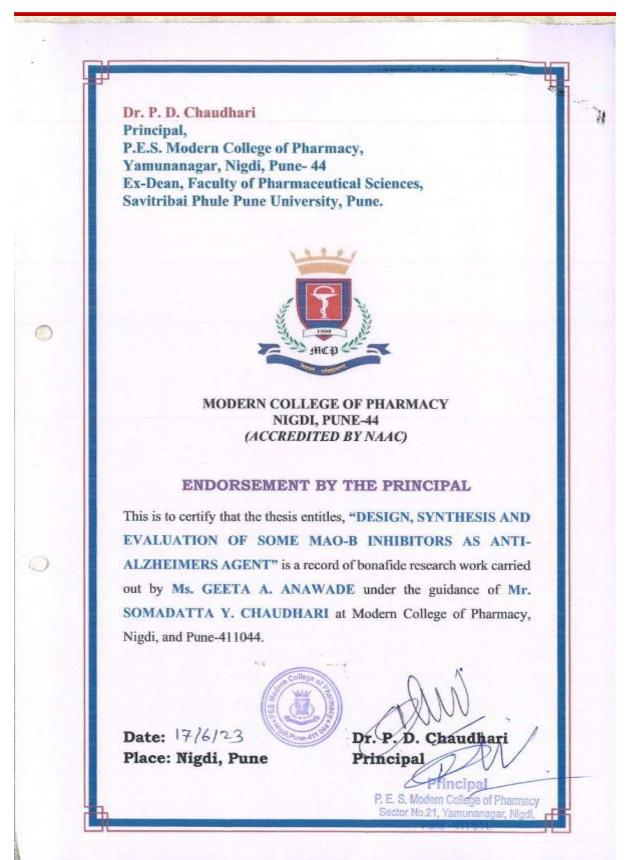
















"DESIGN, SYNTHESISE AND EVALUATE THE ANTIOXIDANT, ANTIBACTERIAL, AND ANTI-INFLAMMATORY ACTIVITY OF SOME LUTEOLIN DERIVATIVES"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. DNYANESHWARI RAVINDRA CHOPADE
(B. PHARM)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Under the Guidance of DR. PALLAVI M. PATIL

(M. PHARM Ph.D.)

Assistant Professor

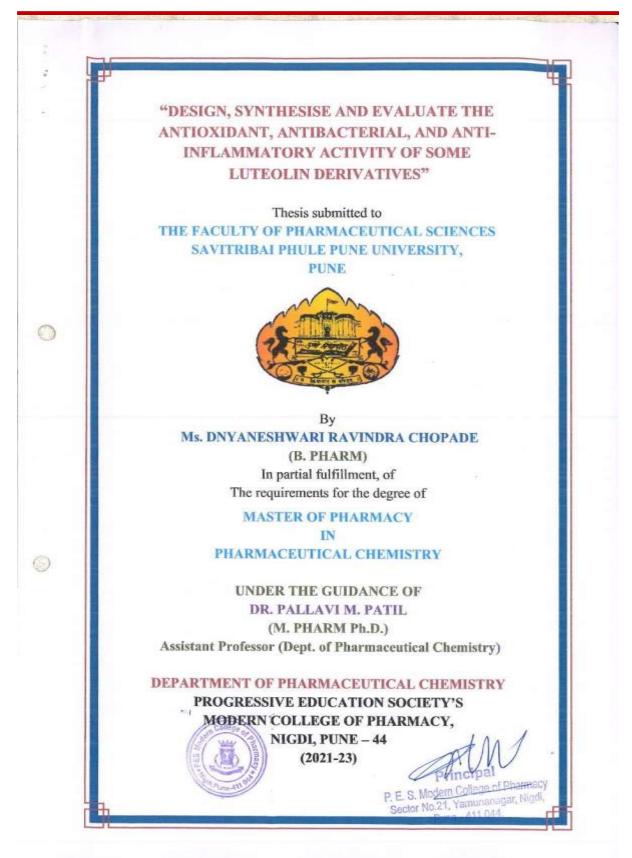
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGHT, PUNE
(2021-23)

P. E. S. Modern College of Pharmacy Sector No. 21, Yamunaragar, Nigdi,











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. DNYANESHWARI RAVINDRA CHOPADE declare that the thesis entitled, "DESIGN, SYNTHESIS, AND EVALUATE THE ANTIOXIDANT, ANTIBACTERIAL, AND ANTI-INFLAMATORY ACTIVITY OF SOME LUTEOLIN DERIVATIVES" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. PALLAVI M. PATIL has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 12-06-2023

Ms. DNYANESHWARI CHOPADE

Place: Nigdi, Pune



Principal
P. E. S. Modem College of Pharma
Sector No.21, Yamunanagar, Na.













Yamuna Nagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "DESIGN, SYNTHESIS, AND EVALUATE THE ANTIOXIDANT, ANTIBACTERIAL, AND ANTI-INFLAMATORY ACTIVITY OF SOME LUTEOLIN DERIVATIVES" is a record of bonafide research work carried out by Ms. DNYANESHWARI RAVINDRA CHOPADE under the guidance of Dr. PALLAVI M. PATIL at Modern College of Pharmacy, Nigdi, and Pune-411044.

Date: 12-06-2023

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

Principal

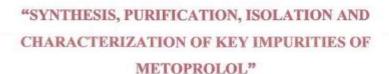
Principal

Principal

Pune - 411 044







Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. RUTUJA UDHAV GAIKWAD
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACUETICAL CHEMISTRY

Under the Guidance of

DR. AMIT S. TAPKIR

(M. Pharm)

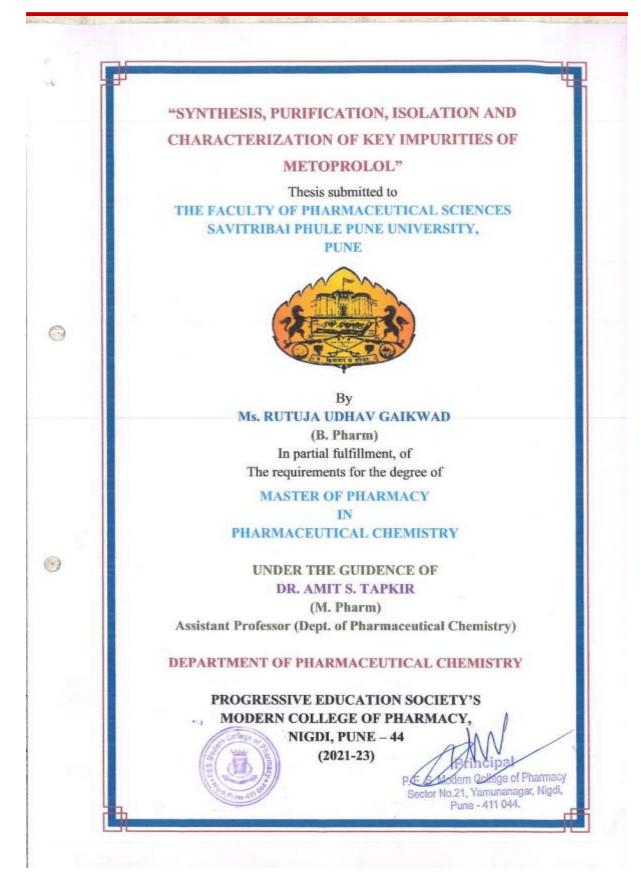
Assistant Professor
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI, PUNE
(2021-23)

Pune - 411 044.











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. RUTUJA UDHAV GAIKWAD declare that the thesis entitled, "SYNTHESIS, ISOLATION AND PURIFICATION, CHARACTERIZATION OF KEY IMPURITIES OF METOPROLOL" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: |4|6|23

Place: Nigdi, Pune

Ms. Rutuja U. Gaikwad

Sector No.21, Yamunanagar, Nigdi, Puns - 411 044

em College of Pharmacy

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044





DR. AMIT S. TAPKIR

Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "SYNTHESIS, PURIFICATION, ISOLATION AND CHARACTERIZATION OF KEY IMPURITIES OF METOPROLOL" submitted for degree of Master of Pharmacy, is the record of research work carried out by Ms. RUTUJA U. GAIKWAD under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 14/6/23 Place: Nigdi, Pune

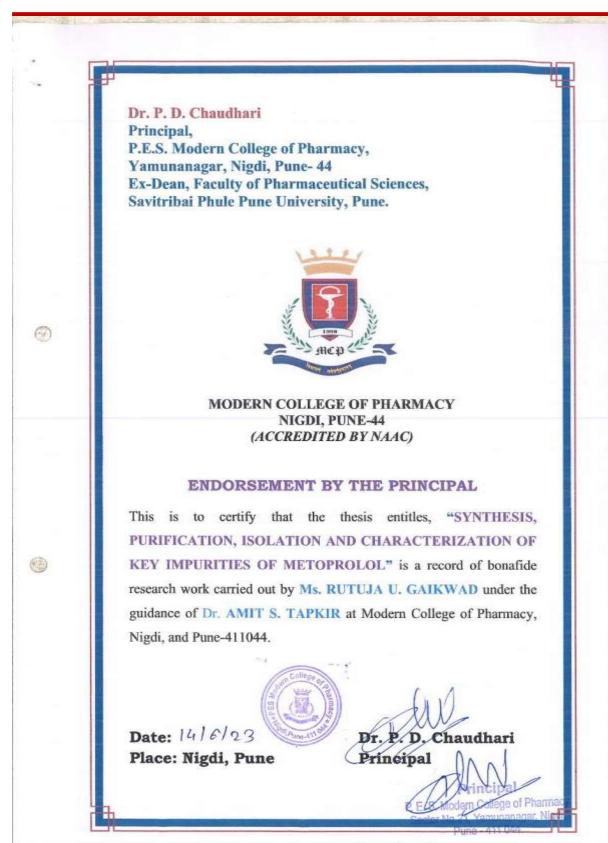
Research Guide

r No.21, Yamunanagar, Nigdi,

Pune - 411 044.

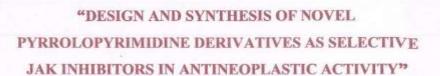












Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE



By
MS. SHRADDHA PRAKASHRAO GAIKWAD
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Under the Guidance of DR. SHAILAJA B JADHAV

(M. Pharm, Ph.D.)

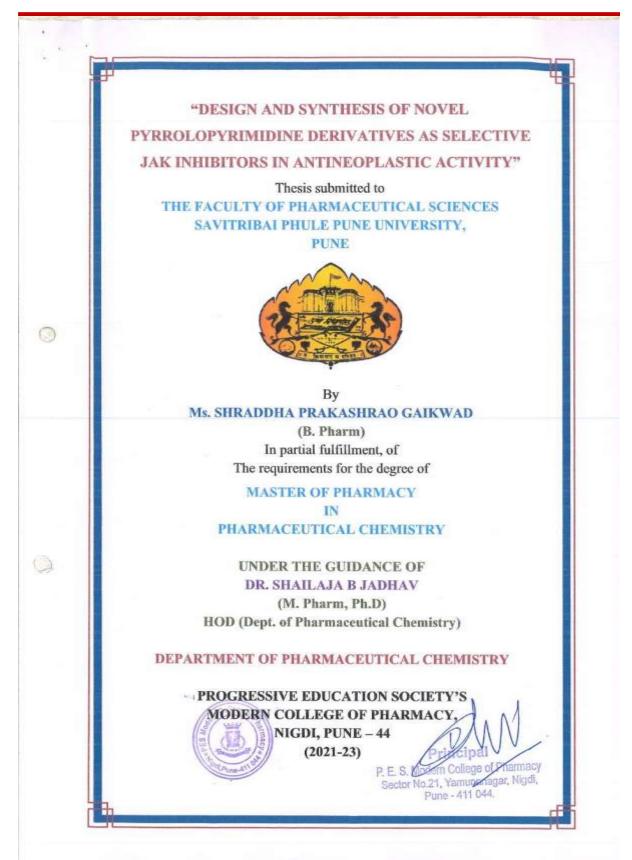
Assistant Professor and HOD
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGHT PUNE
(2021-23)

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044













SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. SHRADDHA PRAKASHRAO GAIKWAD declare that the thesis entitled, "DESIGN AND SYNTHESIS OF NOVEL PYRROLOPYRIMIDINE DERIVATIVES AS SELECTIVE JAK INHIBITORS IN ANTINEOPLASTIC ACTIVITY" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SHAILAJA B JADHAV has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10/06/2023

Place: Nigdi, Pune

Ms. Shraddha P. Gaikwad

tor No.21, Yamenanagas, 1



(3)



DR. SHAILAJA B JADHAV

Professor and HOD

(Pharmaceutical Chemistry P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

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OF NOVEL PYRROLOPYRIMIDINE DERIVATIVES AS SELECTIVE JAK INHIBITORS IN ANTINEOPLASTIC ACTIVITY" submitted for degree of Master of Pharmacy, is the record of research work carried out by Ms. SHRADDHA P. GAIKWAD under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10/06/23

Place: Nigdi, Pune

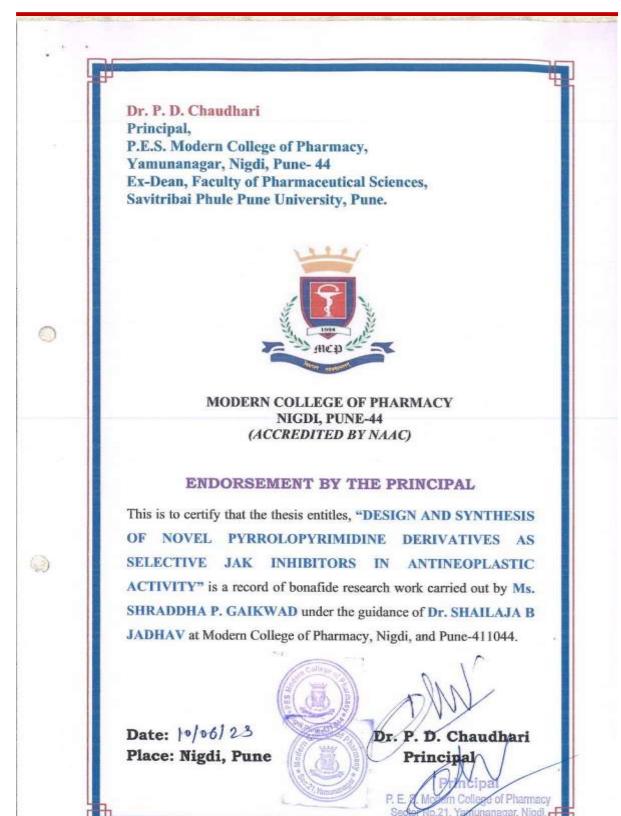
Dr. Shailaja B Jadhav

Research C

Pune - 411 044.



















SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. SAHIL SHYAM GAWANDE declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME QUINOLINE DERIVATIVES AS AN ANTI-CANCER AGENT" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SHAILAJA B JADHAV has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: |8/6/23

Mr. SAHIL GAWANDE

Place: Nigdi, Pune

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044

Back to Index

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o.21, Yamunanagar, Nigdi, Pune - 411 044.







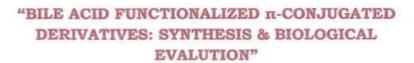












Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE



By
Mr. VIRENDRAKUMAR MADHUKAR KAMBLE
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY IN PHARMACUETICAL CHEMISTRY

> Under the Guidance of DR. SHAILAJA B JADHAV

> > (M. Pharm, Ph.D.)

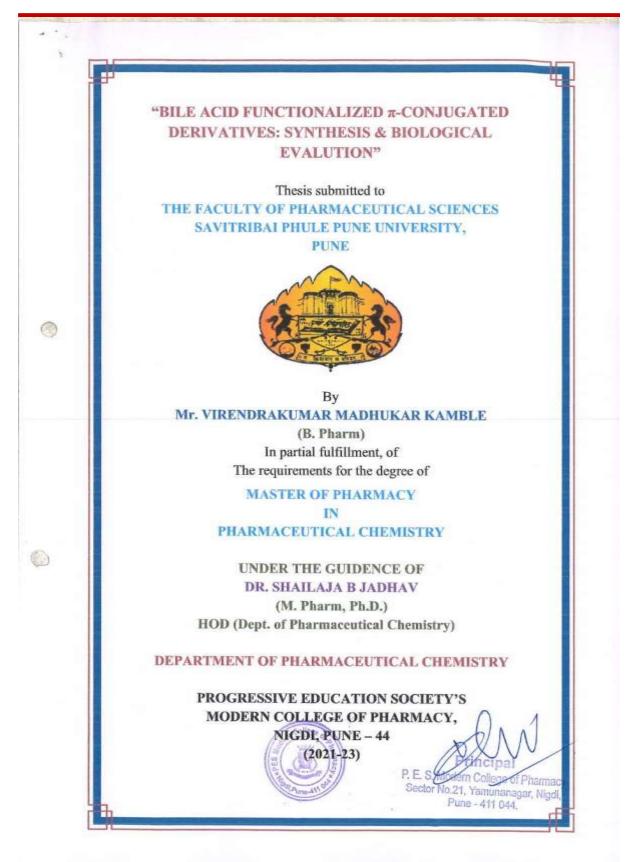
Assistant Professor and HOD
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI PUNE
(2021-23)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. VIRENDRAKUMAR MADHUKAR KAMBLE declare that the thesis entitled, "BILE ACID FUNCTIONALIZED π -CONJUGATED DERIVATIVES: SYNTHESIS & BIOLOGICAL EVALUTION" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SHAILAJA B JADHAV has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 12-06-2023

Mr. Virendrakumar M. Kamble

Place: Nigdi, Pune

Medern College of Pharmacy No.21, Yamunanagar, Nigdi, Pune - 411 044.





DR. SHAILAJA B JADHAV

Professor and HOD (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "BILE ACID FUNCTIONALIZED π-CONJUGATED DERIVATIVES: SYNTHESIS & BIOLOGICAL EVALUTION" submitted for degree of Master of Pharmacy, is the record of research work carried out Mr. VIRENDRAKUMAR MADHUKAR KAMBLE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 12/06/2023

Place: Nigdi, Pune



Dr. Shailaja B Jadhay Research Guide

> Sector No.21, Yamunanag Pune - 411 044.





DR. P. D. CHAUDHARI

Principal, P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "BILE ACID FUNCTIONALIZED π-CONJUGATED DERIVATIVES: SYNTHESIS & BIOLOGICAL EVALUTION" is a record of bonafide research work carried out by Mr. VIRENDRAKUMAR MADHUKAR KAMBLE under the guidance of Dr. SHAILAJA B JADHAV at Modern College of Pharmacy, Nigdi, and Pune-411044.

Date: 12/06/2023

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

Pune - 411 044.

















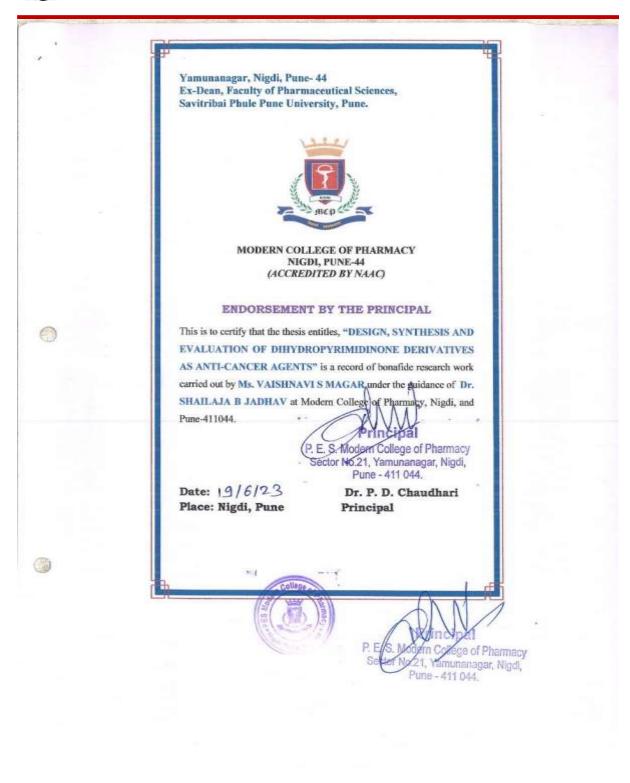






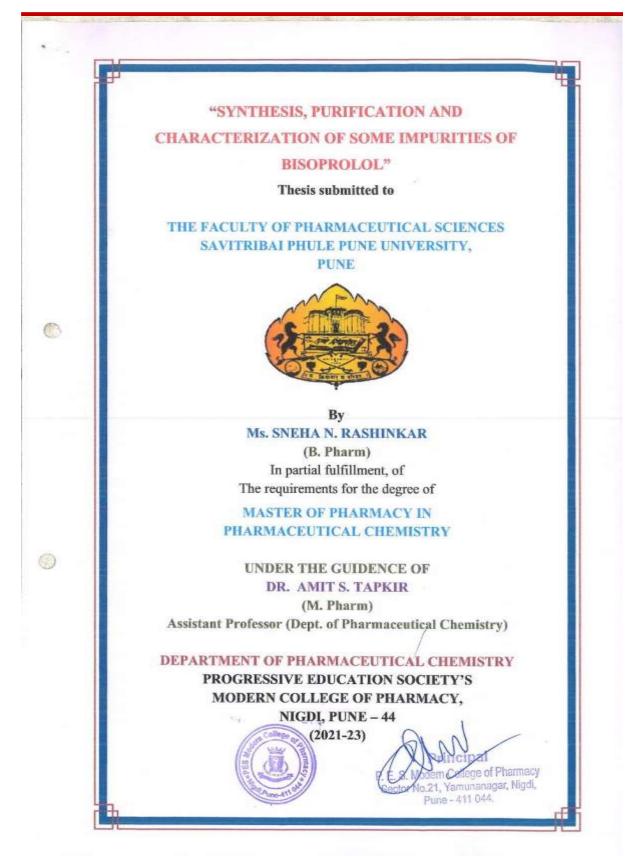
















(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. SNEHA NANDKUMAR RASHINKAR declare that the thesis entitled, "SYNTHESIS, PURIFICATION AND CHARACTERIZATION OF SOME IMPURITIES BISOPROLOL" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 18/6/23

Place: Nigdi, Pune

Ms. SNEHA N. R.

P.E.S. Mr , Yamunanagar, Nigdi, Pune - 411 044.





DR. AMIT S. TAPKIR

Assistant Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



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Date: 18/6/23

Place: Nigdi, Pune

Dr. AMIT S. TAPKIR Research Guide

 Modern College of Pharmacy No.21, Yamunanagar, Nigdi, Pune - 411 044.





Dr. P. D. Chaudhari

Principal,

P.E.S. Modern College of Pharmacy,

Yamunanagar, Nigdi, Pune- 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



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Date: 18/6/23

Place: Nigdi, Pune

Dr. P. D. Chaudhari

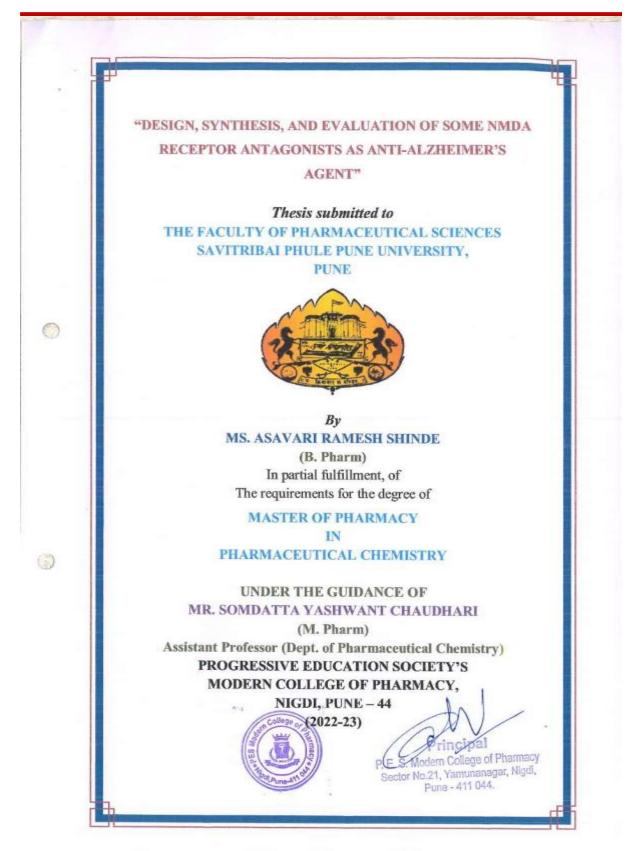
Principal

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Ms. Asavari Ramesh Shinde, declare that the thesis entitled, "DESIGN, SYNTHESIS, AND EVALUATION OF SOME NMDA RECEPTOR ANTAGONISTS AS ANTI-ALZHEIMER'S AGENT"

submitted by me for the degree of Master of Pharmacy is the record of work carried out by me under the guidance of Mr. Somdatta Yashwant Chaudhari and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 16/6/23

Ms. Asavari Ramesh Shinde

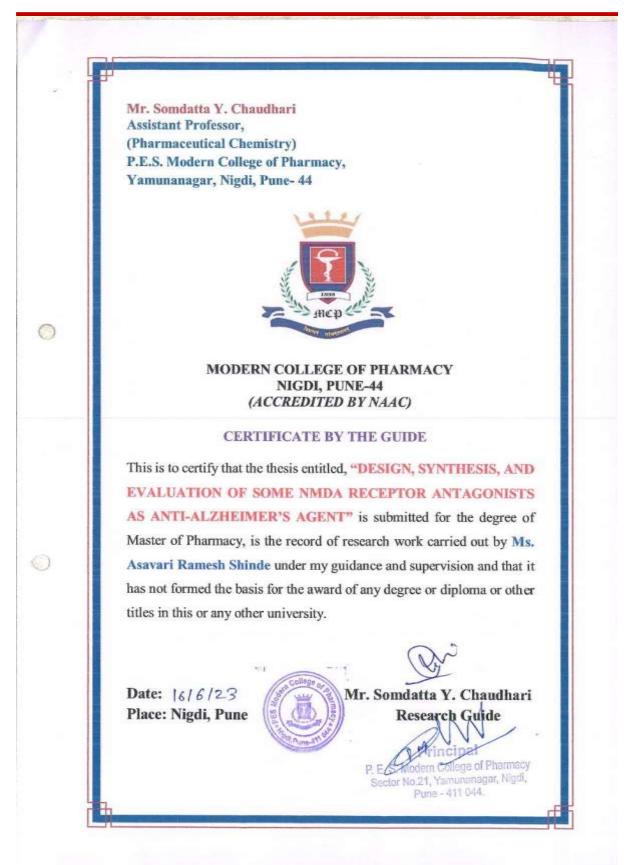
Place: Nigdi, Pune



Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

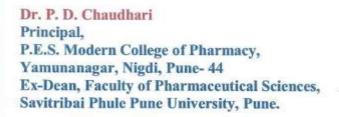














MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "DESIGN, SYNTHESIS AND EVALUATION OF SOME NMDA RECEPTOR ANTAGONISTS AS ANTI-ALZHEIMER'S AGENT" is a record of bonafide research work carried out by Ms. Asavari Ramesh Shinde under the guidance of Mr. Chaudhari Somdatta Yashwant at Modern College of Pharmacy, Nigdi, Pune-411044.

Date: |6/6/23 Place: Nigdi, Pune



Dr. R. D. Chaudhari Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"DESIGN, SYNTHESIS AND EVALUATION OF SOME GSK-3 BETA INHIBITORS AS ANTI-ALZHEIMER'S AGENTS"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



MS. NAMRATA NARSINGRAO SHINDE
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Under the Guidance of MR. SOMDATTA Y. CHAUDHARI

(M. Pharm)

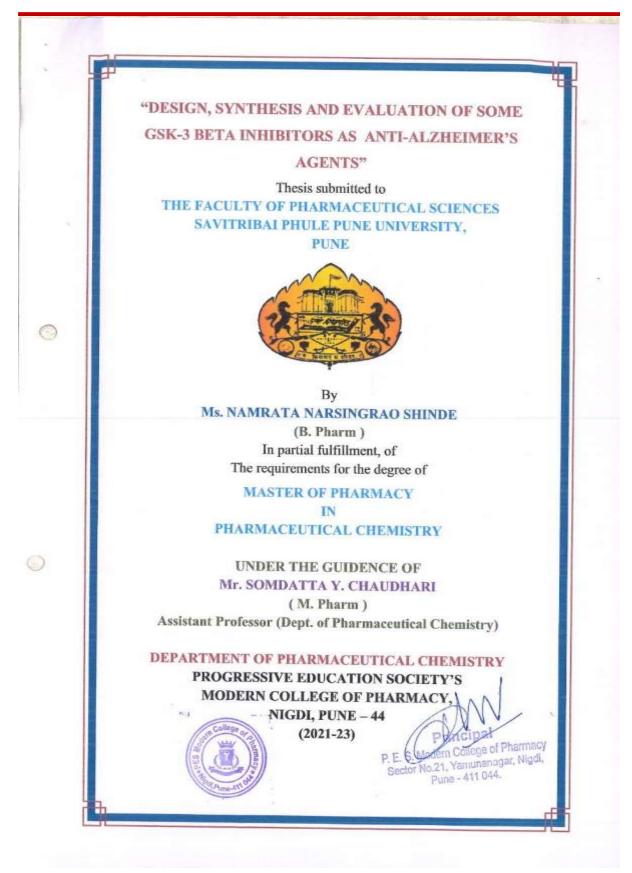
Assistant Professor Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI, PUNE
(2021-23)

P. E. S. Modern College of Pharmacy Sector No. 21 Yamunanadar, Nigdi,











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. NAMRATA NARSINGRAO SHINDE declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME GSK-3 BETA INHIBITORS AS ANTI-ALZHEIMER'S AGENTS" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of Mr. SOMDATTA Y. CHAUDHARI has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 17/6/23

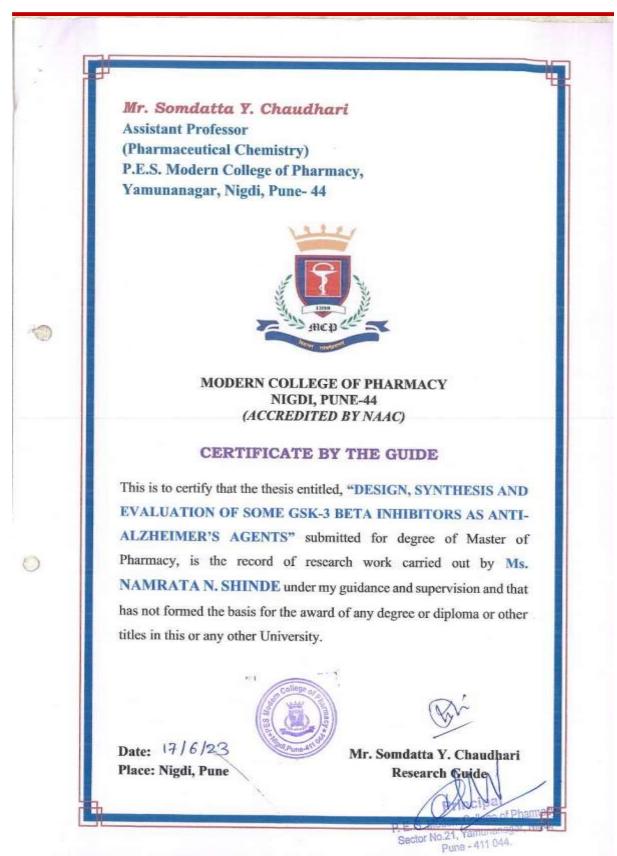
Place: Nigdi, Pune

Ms. Namrata N. Shinde

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanegar, Nigdi, Pune - 411 044.













Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "DESIGN, SYNTHESIS AND EVALUATION OF SOME GSK-3 BETA INHIBITORS AS ANTI-ALZHEIMER'S AGENTS" is a record of bonafide research work carried out by Ms. NAMRATA N. SHINDE under the guidance of Mr. SOMDATTA Y. CHAUDHARI at Modern College of Pharmacy, Nigdi, and Pune-411044.

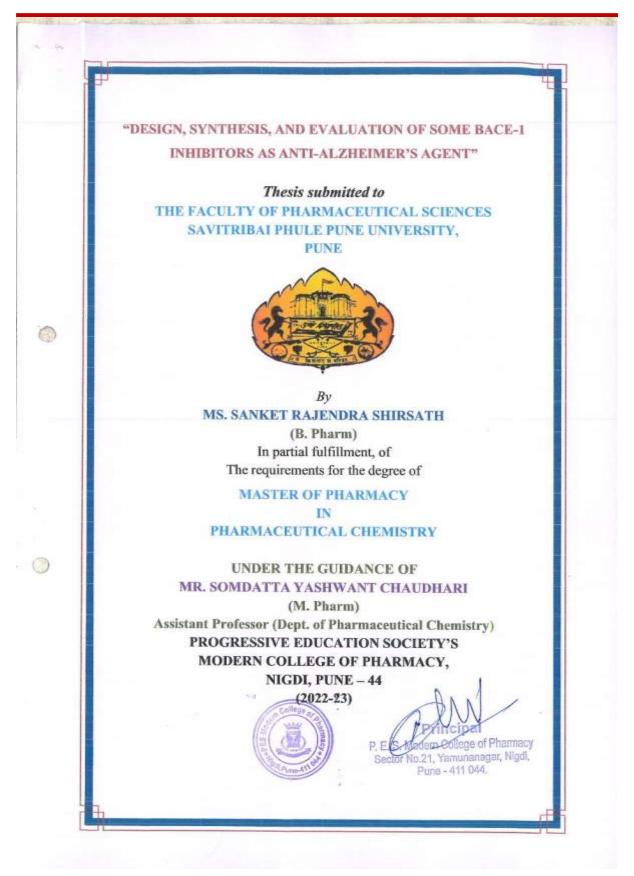
Date: 17/6/23
Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal rincipal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,











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SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Ms. Sanket Rajendra Shirsath, declare that the thesis entitled, "DESIGN, SYNTHESIS, AND EVALUATION OF SOME BACE-1 INHIBITORS AS ANTI-ALZHEIMER'S AGENT" submitted by me for the degree of Master of Pharmacy is the record of work carried out by me under the guidance of Mr. Somdatta Yashwant Chaudhari and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

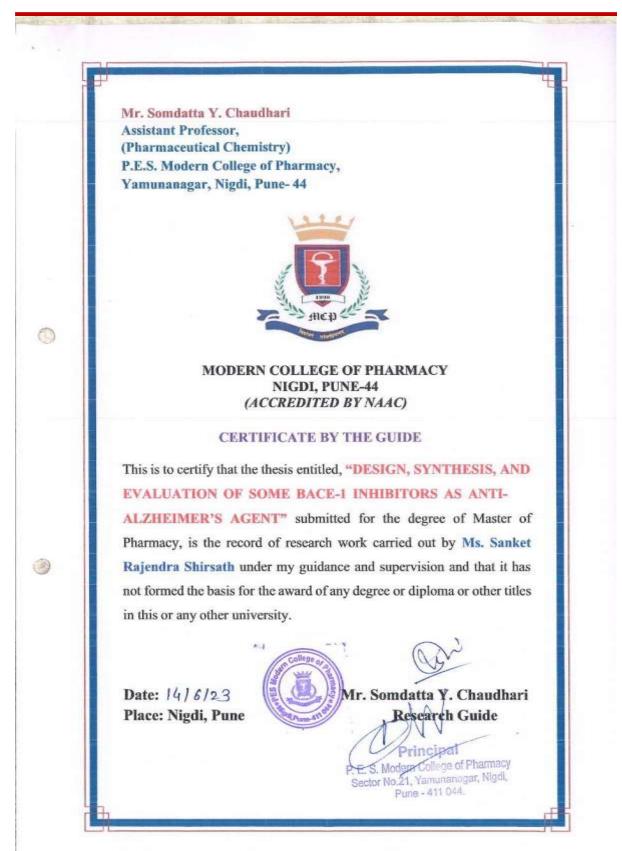
Mr. Sanket R. Shirsath

Place: Nigdi, Pune

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.











Dr. P. D. Chaudhari

Principal, P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

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Date: 14/6/23 Place: Nigdi, Pune

r. P. D. Chaudhari Pripcipal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044





"DESIGN, SYNTHESIS AND EVALUATE
ANTIBACTERIAL, ANTIOXIDANT, AND ANTIINFLAMMATORY ACTIVITY OF SOME APIGENIN
DERIVATIVES"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. MAYURI BHARAT SURYAWANSHI
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY IN PHARMACUETICAL CHEMISTRY

Under the Guidance of DR. PALLAVI M. PATIL

(M. Pharm)

Assistant Professor

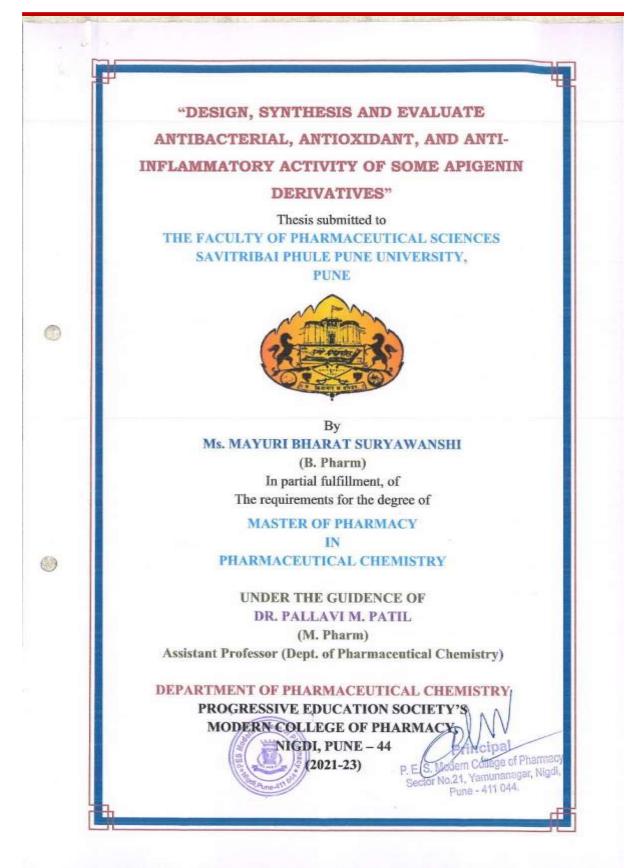
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI, PUNE
(2021-23)

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. MAYURI BHARAT SURYAWANSHI declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATE ANTIBACTERIAL, ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITY OF SOME APIGENIN DERIVATIVES" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. PALLAVI M. PATIL has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 08 06 2023

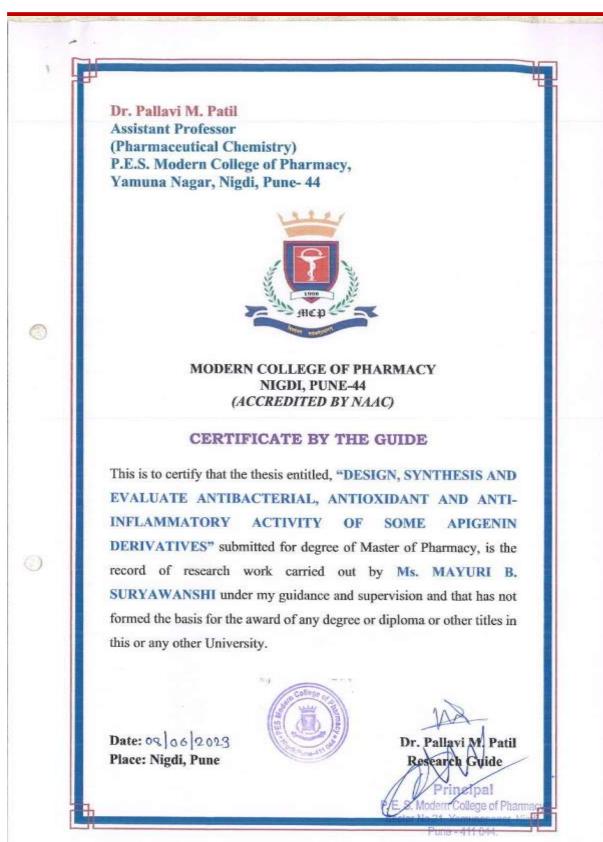
Place: Nigdi, Pune

ls. Mayuri B. Suryawanshi

No.21, Yamunanagar, Nigd

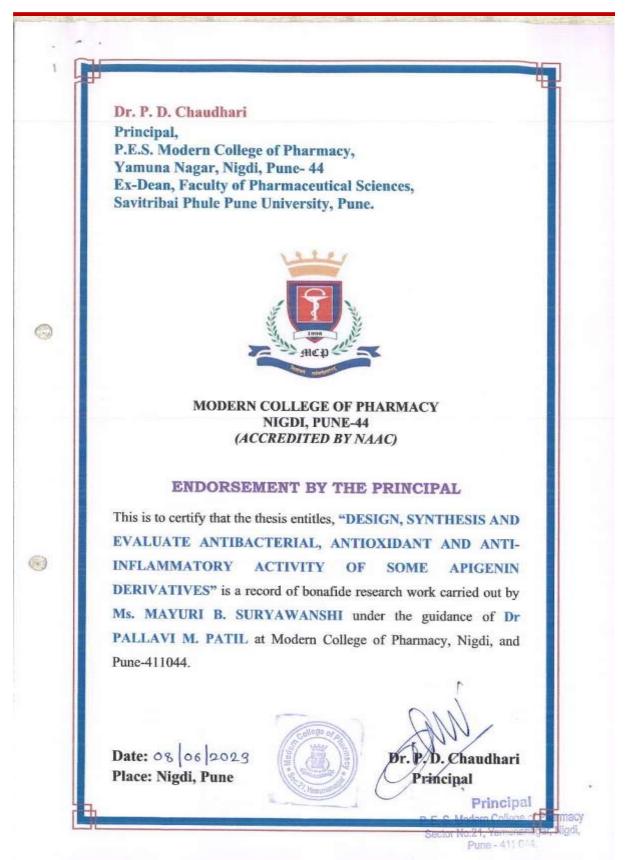
















"DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION
OF SOME NAPHTHOQUINONE DERIVATIVES AS ANTIALZHEIMER AGENTS"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. Radhika Somnath Vyavahare
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY IN PHARMACUETICAL CHEMISTRY

Under the Guidance of DR. SHAILAJA B. JADHAV

(M. Pharm)

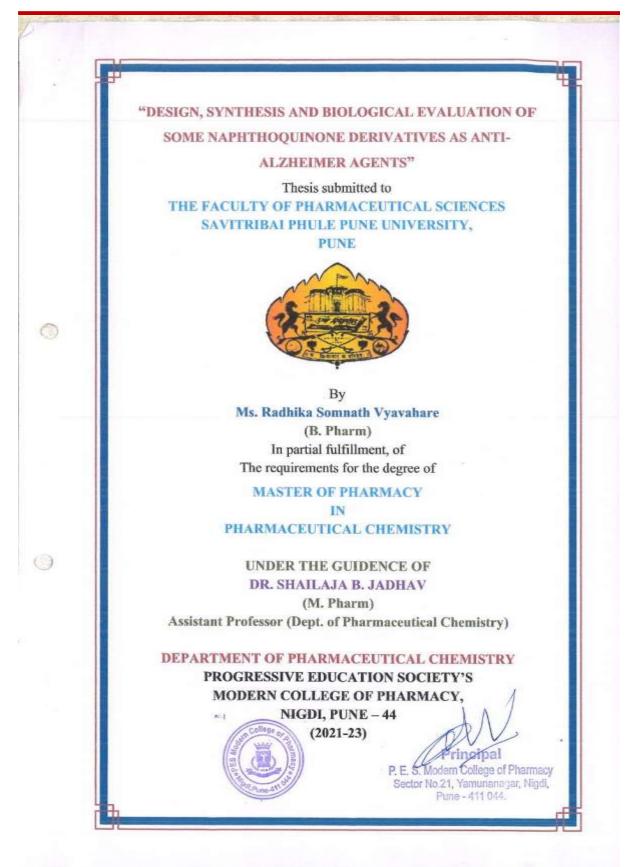
Assistant Professor and HOD
Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE (2021-23)

tor No.21, Yamunanagar, Nighi









(



(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. Radhika Somnath Vyavahare declare that the thesis entitled, "DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF SOME NAPHTHOQUINONE DERIVATIVES AS ANTI-ALZHEIMER AGENTS" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. SHAILAJA B JADHAV has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 17/6/23

Ms. Radhika S. Vyavahare

Place: Nigdi, Pune

P. E. S. Joodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044







Professor and HOD (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Design, Synthesis and Biological Evaluation of some naphthoquinone derivatives as Anti-Alzheimer agents" submitted for degree of Master of Pharmacy, is the record of research work carried out by Ms. Radhika S. Vyavahare under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 17/6/23

Place: Nigdi, Pune

Callege

Dr. Shailaja B Jadhav Research Guide

P. E.S. Modern College of Pharmacy





Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



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Date: 17/6/23 Place: Nigdi, Pune

Dr. P. D. Chaudhari

Principal/

Principal
P. E. S. Modern College of Pharm
Sector No.21, Yamunananan





"SYNTHESIS, PURIFICATION AND CHARACTERIZATION OF SOME IMPURITIES OF PROPRANOLOL"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. PRADNYA S. WAGHMARE
(B. Pharm)

In partial fulfillment of The requirements for the degree of

MASTER OF PHARMACY
IN
PHARMACEUTICAL CHEMISTRY

Under the Guidance of

DR. A. S. TAPKIR

(M. Pharm)

Assistant Professor
Department of Pharmaceutical Chemistry

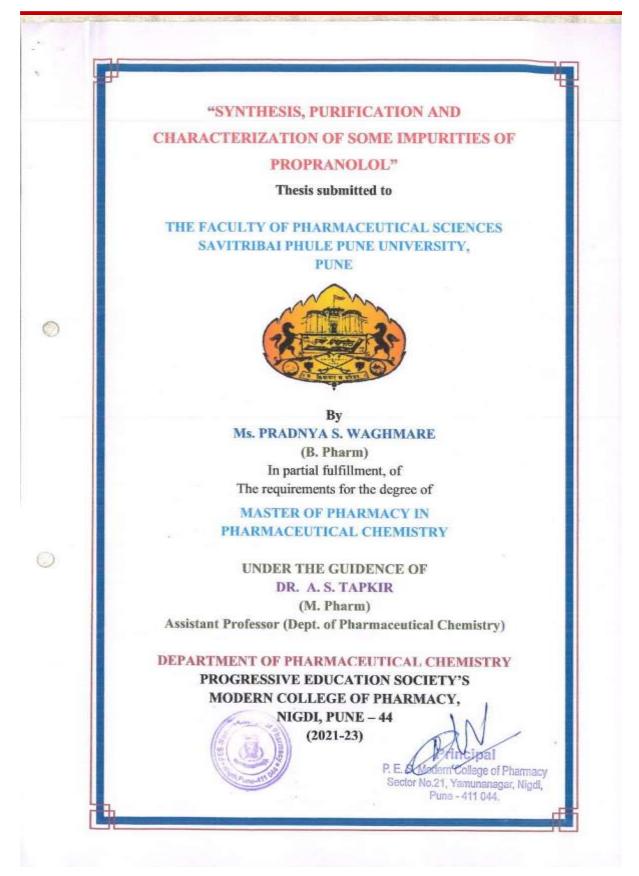
PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDL, PUNE
(2022-23)

E. S. Middelli College of Friedlin

Pune - 411 044











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. WAGHMARE PRADNYA SANGRAM declare that the thesis entitled, "SYNTHESIS, PURIFICATION AND CHARACTERIZATION OF SOME IMPURITIES OF PROPRANOLOL" submitted by me for Degree of Master of Pharmacy is the record of work carried out by me under the guidance of DR. A. S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 16/6/23

Ms. Pradnya S Waghmare

Place: Nigdi, Pune





DR. A. S. TAPKIR

Assistant Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



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Date: 16/6/23

Place: Nigdi, Pune

Dr. A. S. TAPKIR Research Guide

dern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Principal,
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Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
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Date: 16/6/23

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

P. E. S. Medern College of Pharmacy





Final Year B. Pharm Project Work



Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.

(Accredited by NBA & NAAC)

URL: www.mcop.org.in , Email - mcopnigdi44@gmail.com



UG PROJECTS 2022-23

| Sr. No. | Project Guide | Students Names | Final Project Titles |
|------------|--------------------|---------------------|---|
| 1 | Dr. Atul Phatak | Dipak Deokar | Development and evaluation of Eugenol containing antimicrobial formulation |
| | | Pranjali fnamdar | |
| | | Vaishnavi Magar | |
| 2 | Dr. Padmaja Kore | DnyaneshwarBemde | Formulation and evaluation of herbal ointment for dermatophytic skin infection |
| 3 | Dr. Smita Pimple | Dnyaneshwari Chavan | Formulation and evaluation of in-situ mosumal gel of chloramphenicol |
| | | Rohit Choudhary | |
| | | Gauray Karbhari | |
| 4 | Dr. K.S. Shaikh | Kartik Gavali | Preparation and evaluation of rectal dosage forms |
| | | Vaishnavi Jangam | |
| | | Rutuja Mane | |
| 5 | Dr. U. C. Galgatte | Sanjana Dole | Development of Ritonavir co-crystals |
| | | Ruchika Gupta | |
| | | Manali Majgaonkar | |
| 6 | Dr. A.R Balap | Harshal Bhakare | Formulation, Characterization and Wound Healing Activity of Guar gum Hydrogel loaded with |
| | | | |







| | Khushboo Choudhary | |
|-------------------------|---|--|
| Dr. Nikitz Gaikwad | Kaveri Ganjure | Development and evaluation of antifungal topical cream including climbazole and clotrimazole |
| | Srishti Tha | |
| | Tejaswini Basate | |
| Dr. Padmaja Kore | Devesh Chaudhari | Formulation and Evaluation of herbal dennal patches for dermatophytic skin infection |
| | Pawankumar Mare | |
| Dr. Padmaja Kore | Rameshwar Bhalke | Formulation and evaluation of tannin containing chewing gum for mouth after |
| Dr. Anuradha More | Akshay Deo | Development and characterization of a novel arti-acne Nosomal Gel |
| | Shraddha Jadhav | |
| Dr. Anuradha More | Kaushal Gandhi | Formulation, evaluation and comparison of the herbal shampoo with the commercial shampoos |
| | Nitesh Misal | |
| Dr. Shailaja, B. Jadhav | Sakshi Kadale | Synthesis of schiff bases from indole-3-carbaldehyde |
| | Akshay Kalyan | |
| | Vinaji Gradvir | |
| Dr. MinalHarde | Shravani Agalave | Synthesis and charaterization of Fe3O4 nanoparticles |
| | Truptee Banakar | Synthesis, characterization and applications of iron oxide nanoparticles. |
| | Ajay Dhapte | Synthesis and evaluation of Iron oxide nanoparticles |
| Prof. PallaviPatil | Rabul Andhale | Develop and validate HPTLC method for determination of Antidepressants drug in bulk form |
| | Shruti Bajare | |
| | Saeha Hojage | |
| Dr. A.S Tapkir | Tejas Anandkar | "Extractsion, Isolation And Evaluation Of Lawsone From Lawsonialnermis Extract And Marketed |
| | | Formulation By Hpdc* |
| | Shivani Dighe | "Extraction, Isolation And Evaluation Of Quinine Sulphate From Extract And Marketed Formulation By HPTLC" |
| | Dr. Padmaja Kore Dr. Padmaja Kore Dr. Anuradha More Dr. Anuradha More Dr. Shailaja, B. Jadhav Dr. MinalHarde | Dr. Padmaja Kore Devesh Chaudhari Pawankumar More Dr. Padmaja Kore Dr. Amuradha More Dr. Shailaja, B. Jadhav Dr. Shailaja, B. Jadhav Dr. Shailaja, B. Jadhav Dr. Shailaja, B. Jadhav Dr. MimalHarde Dr. MimalHarde Dr. MimalHarde Dr. MimalHarde Dr. MimalHarde Shravani Agalave Truptee Banakar Ajay Dhayle Prof. PallaviPatil Rahul Andhale Shruti Bajare Sneha Hojage Dr. A.S Tapkir Tejas Anandkar |











| | | Harshal Jagtap | "Extraction, Isolation And Evaluation Of Calcium Sennoside From Cassia Angustifolia Extract And Marketed Formulation By HPTLC" |
|----|-------------------------|---|---|
| 16 | Prof. SomdattaChandhari | Pooja Chavan | Design, synthesis and evaluation of some NMDA receptor antagonists as arti-alzheimer agents. |
| | | Pratiksha Kondawar | Design, synthesis and evaluation of some GSK-3 beta inhibitors as anti-alzheimer agents. |
| | | Abhishek Wastare | Design, synthesis and evaluation of some MAO-B inhibitors as anti-alzheimer agents. |
| 7 | Dr. Deepti, D. Bandawne | Prathamesh Badhe | Evaluating the effect of fructose- Induced NAFLD on Physicochemical Parameters in Rats |
| | | Bhagirathi Bhale | |
| | | Sampada Kulkami | 1 |
| 18 | Dr. S. S. Nipale | Straddla Ahirrao | To study the effect of Cedrusdeedora (Cedar wood) essential oil on wound healing in experimental animals. |
| 19 | Dr.S.S.Nipate | Akash Jiwnanai | To study the effect of royal jelly derived from ApisMellifera and Melaleuca Oil (Tea Tree oil) |
| 20 | Dr. S. S. Nipate | Ankush Chavan | Evaluation of wound healing activity of ethanolic extract of saccharumofficinarium leaves in experimental animals |
| 21 | Dr. M.S Kuchekar | Vanita Bhurhande Milind Dyagatwar Siddhunfi Gaikwad | Formulation and Evaluation of Herbal Shampoo |
| 22 | Dr. MohiniKuchekar | Vikas Kurulekar | Formulation and evaluation of herbal lotion |
| 23 | Dr K.S. Kakad | Guruprasad Chavan Anuj Gaikwad | Chemical fingerprinting and antimicrobial activity of selected medicinal herbs and it sayurvadic formulation. |
| | | Hrushikesh Ladkat | A Review on therapeutic potential of Bergenuligelata Wall |
| 24 | Dr. VitthalChopade | Mr. Jayesh Jaiswal | Pharmacognosy study of citron fruits. |
| | | Puskkar Karande Patil | Formulation and evaluation of syrup from citron fruits. |
| | | Abhishek More | Formulation and evaluation of locenges from citron fruits. |







| 15 | Dr. Bheshan Pimple | Ganesh Kudke | Formulation and Evaluation of herbal Polyphenolic Tublets |
|----|-----------------------|--|---|
| | | Rutuja Deshmukh | |
| 26 | Dr. Bhushan Pimple | Pravio Bahir | Preparation and evaluation of herbal hair oil |
| 27 | Dr. Bhushan Pimple | Nikhita Kumbhar | Formulation and evaluation of antifungal cream. |
| 28 | Mr. ShubhamKhade | Balu Pakkar | Synthesis and Characterization of Magnetic Nanoparticles. |
| | | Apama Patil | Design, Synthesis & Evaluation of Fe2O3 Nanoparticles. |
| | | Niranjan Rajput | Synthesis and Evaluation of Iron Oxide nanoparticles with application's. |
| 29 | Mrs, SheetalChaudhari | Tejashree Rane Samarth Shinde Akash V Wakale | Eco-friendly Method Development and Validation by UV- Visible spectroscopy |
| 30 | Mrs. Rupali-Finturkar | Shreenidhi Naik Priya Shele Rohit Tapkir | Design, synthesis and Molecular docking of some Tacrine derivatives as AChE Inhibitors. |
| 31 | Mrs. Nikita Kale | Niranjan Sonawane Dhanashree Yadav Smita Gaikwad | Formulation and Evaluation of gunja cream |
| 32 | Ms. Anita Malsure | Kadambari Shinde Varsha Shinde | Formation and evaluation of polyherbal chewable tablet |
| | | Anjali Raju Wasule | RP-HPLC method development and validation for determination of felbinac |
| 33 | Ms. Arti Shingan | Ashish Sakhare Shirfule Nagesh N. Akaneha Telang | RP-HPLC method development and validation for determination of felbinac |
| 34 | Mrs. Vasudha Bavdekar | More Mayuri Shinde Utkarsha | Method development and validation in bulk and pharmaceutical dosage form by HPTLC |







| | | Zanwar Mansi | |
|----|----------------------|---|--|
| 35 | Mr. D. L. Visokar | Sonali Nengule Kartik Yenkure | Formulation and evaluation of polyherbal anti-inflammatory analgesic limiteest for going arthritis and osteoarthritis. |
| | | Mahesh Pekamwar | Formulation and evaluation of polyherbal anti-aging cream |
| 36 | Dr. Sangita Kale | Shweta Wagh | Formulation and Evaluation of polyelectrolyte complex Nanoparticles for diabetes |
| | | Vasandhara Patil | Polysaccharide Based Drug Delivery system For Periodontitis |
| | | Ajinkya Salve | Formulation and evaluation of transdermal patch for wound healing |
| 37 | Dr. Ujwala Desai | Sarvade Ajinkya | Title: formulation and evaluation of medicated herbal chewing gum for mouth infections |
| | | Mohini Thite | Formulation and evaluation of terbinatine hydrochloride niosomal nail lacquer. |
| | | Vaishnavi Sonone | Formulation and evaluation of herbal facewash and exfoliating tablet |
| 38 | Mr. Shivraj Mane | Shinath Waghmare Harshira S Waghmode SarveshYeole | Formulation development and evaluation of herbal sunscreen lotton. |
| 39 | Mr. Rohit Gurav | UtkarshaParil Nikita Pawar Snehal Shinde | The Formulation, Evaluation and optimization of Antifungal Utosomal Gel |
| 40 | Mrs. Priyanka Bagade | Ajaykumar Patel Harshali Sonawane Vanye Shubham | Farmulation and Evaluation of Anti-aging and Anti-acne berbal scrub based face wash |









| 41 | Mrs. Alka Bhere | Tanmay Satkar Ashish Shinde Ravinaj Shinde | Formulation, development and evaluation of dictofenae sodium gel by using HPMC |
|----|-----------------------|---|---|
| 42 | Ms. Surbhi Gapta | Soidhal Parthulkar Yashuwi Patil Lulit Sargar | Formulation and evaluation of dielofenae softwar rano traspension |
| 43 | Dr. Padmaja S. Kore | Shital Sasar Naveed Syed Tupe Samadhan | Evaluation of in vitro-authelimistic activity of herbal extracts |
| 44 | Mr. Preshant Pawar | Neha Pandit Prasmjit Saryawamhi Pratik Saryawamhi | Awareness and assessment of risk factors associated with breast cancer among Indian women: A questionnatic survey |
| 45 | Mrs. Priyanka Sarda | Saurny Pawer Shraddha Raut Shweta Sacoc | Development and validation of HPTLC method for estimation of deferiprone in halk and marketer formulations. |
| 46 | Mrs. Stellal Shelke | Nikita Saharke Priyaska Tandhekir Ukinde Deven | Assessment of Chnical Profile data and Trustment pattern of Guillian-Barre syndrome (GHS). |
| 47 | Ms, S, S. Bhosale | Adwait Tole Madhavi Vikharankar Ratuja Wayal | Assessment of Knowledge and Awareness about Drug-Food Interactions among General Public is India: A questionnaire survey |
| 48 | Mrs. Suvarna A. Vadje | Shirshar Shete Shraidhu Shingade Waghire Nikhil | Comparative evaluation of herbal Sp balms developed using various natural bases. |

Class Teacher Final Year B-Pharm (Div: A)
Dr. Padmaja S. Kore

Class Teacher Final Year B-Pharm (Div: B)
Mrs. Snehal Shelke

0

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044,





Development and Evaluation of Eugenol Containing antimicrobial formulation.

Project submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES

As a part of Final Year B Pharm Semester VIII



By Dipak Deokar Pranjali Inamdar Vaishnavi Magar

Under the guidance of
Dr. Atul Phatak
(Prof. and Head, Dept Of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI,

PUNE - 44.

(ACCREDITED BY

NAAC)(2022 – 2023)

Principal lodo: Collego of Pharmacy 21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



DECLARATION

I Dipak Deokar, Pranjali Inamdar, Vaishanvi Magar declare that the project entitled, "Development and Evaluation of Eugenol Containing Antimicrobial Formulation", submitted by me for degree of 'Bachelor of Pharmacy Final Year Sem VIII' is the record of work carried out by me under the guidance of Dr. Atul Phatak and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 31 05 2023

Place:

Dipak Deokar

Pranjali Inamdar

Priprinal

Vaishnavi





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Development and Evaluation of Eugenol Containing Antimicrobial Formulation", submitted for degree of Bachelor of Pharmacy Final Year Sem VIII, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 31/05/2023

Dr. Atul Phatak

(Prof. and Head, Dept Of Pharmaceutics)

E.S. Whodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Developmentand Evaluation of Eugenol Containing Antimicrobial Formulation" is a record of bonafide research work carried out by Dipak Deokar, Pranjali Inamdar, Vaishnavi Magar under the guidance of Dr. Atul Phatak at Modern College of Pharmacy, Nigdi, Pune- 411044.

Date: 31/05/2023

Place:

Dr. P. D. Chaudhari

(Principal)

P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





"FORMULATION AND EVALUATION OF HREBAL OINTMENT FOR DERMATOPHYTIC SKIN INFECTION"

Project report submitted to

The Faculty of PHARMACEUTICAL SCIENCE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Dnyaneshwar R Bembde B. Pharm (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. Padmaja Kore (M. pharm Ph. D)

Department of Pharmacology



Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)

Principal

Sector No.21, Yamunanagar, Nigdi,





SAVITRIBAIPHULE PUNE UNIVERSITY



DECLARATION

I am Dnyaneshwar Rajendra Bembde declared that the thesis entitled "Formulation and evaluation of herbal Ointment for dermatophytic skin infection" submitted by us for the award of degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by **Dr. Padmaja Kore(Guide)** and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/23

Place: Nigdi, Pune

Mr. Dnyaneshwar Rajendra Bembde

Probabe



Principal

E 8 Modera College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "Formulation and evaluation of herbal ointment for dermatophytic skin infection" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Dnyaneshwar Rajendra Bembde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/6/93

Place: Nigdi Pune

Dr. Padmaja Kore (M. pharm Ph. D) Department of Pharmacology

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and evaluation of herbal ointment for dermatophytic skin infection" is a record of bonafide research work carried out Mr .Dnyaneshwar Rajendra Bembde under the guidance of Dr Padmaja Kore(Guide) P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14/6/23

Place: Nigdi, PUNE

Principal,

P.E. S Modern College of Pharmacy,

Nigdi, Pune-44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdī, Pune - 411 044.





ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacy for providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Mrs. Padmaja Kore for extending her valuable guidance, instructions and timely support without which this project would not have assumed its

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

I express my deep sense of gratitude towards my parents and my friend Pavankumar Dattatraya Mare for his constant support and valuable help throughout this work.

Place: Nigdi, Pune-44. Date: 14/6/23.

Mr.Dnyaneshwar Rajendra Bembde (Final year B. Pharm)

ge of Pharmacy

ector No.21, Yamunanagar, Nigdi, Pune - 411 044









Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Miss. Dnyaneshwari Chavan, Mr. Rohit Choudhary and Mr. Gaurav Kharabi

(B. Pharmacy)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

DR. SMITA S. PIMPLE

(M. Pharm, Ph.D.)

(Department of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY NIGDI, PUNE

2022-2023

rincipal

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.









DECLARATION

We, Miss. Dnyaneshwari Chavan, Mr. Rohit Choudhary and Mr. Gaurav Kharabi declare that the thesis entitled "Formulation and Evaluation of In-situ Niosomal Gel of Chloramphenicol" submitted by me for my Degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. SMITA S. PIMPLE and has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10/6/2023

Miss. Dnyaneshwari Chavan Dalorehua

Place: pune

Mr. Rohit Choudhary

Mr. Gaurav Kharabi

T College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





Dr. Smita S. Pimple Professor, Department of Pharmaceutics P. E.S. Modern College of Pharmacy Nigdi, Pune-44



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "FORMULATION AND EVALUATION OF IN-SITU NIOSOMAL GEL OF CHLORAMPHENICOL" submitted for the degree of Bachelor of Pharmacy, is the record of research work carried out by Miss. Dnyaneshwari Chavan, Mr. Rohit Choudhary and Mr. Gaurav Kharabi under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10/06/ 2023

Dr. Smita S. Pimple

Place: pune

Professor

P.E. S. Wodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. ATUL A. PHATAK

Head of Department & Professor, (PHARMACEUTICS), P. E. S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE HOD

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF INSITU NIOSOMAL GEL OF CHLORAMPHENICOL" submitted for degree of Bachelor of Pharmacy (Pharmaceutics), is the record of research work carried out by MISS. DNYANESHWARI CHAVAN, MR. ROHIT CHOUDHARY AND MR. GAURAV KHARABI under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |0 | 06 | 2023

Place: Pune

Dr. Atul A. Phatak

E. S. Modern College of Pharmac





DR. P. D. Chaudhari

Principal, P. E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44 Ex. Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and Evaluation of In-situ Niosomal Gel of Chloramphenicol" submitted for the degree of Bachelor of Pharmacy, is the record of bonafide research work carried out by Miss. Dnyaneshwari Chavan, Mr. Rohit Choudhary and Mr. Gaurav Kharabi under the guidance of Dr. Smita S. Pimple at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date 14 10 -6 - 2023

Pravin D. Chaudhari

Place:

pune

Principal

E. S. Medern College of Pharmacy sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.





"Preparation and Evaluation of Rectal

Dosage Forms"

Thesis submitted to

The Faculty of
PHARMACEUTICS
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. Kartik Gavali, Ms. Vaishnavi Jangam and Ms. Rutuja Mane

(B. Pharm)

In partial fulfillment of the requirements for the degree

of

Bachelor of Pharmacy

Under the Guidance of

PROF. K.S.SHAIKH

(Department of Pharmaceutics)

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





Preparation and Evaluation of Rectal Dosage Forms - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



We are Mr. Kartik Gavali, Ms. Vaishnavi Jangam and Ms. Rutuja Mane declared that the thesis entitled

"Preparation and Evaluation of Rectal Dosage

Forms" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Prof. K.S.Shaikh and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14-66-23

Place: Nigdi, Pune

Mr. Kartik Gavali

Ms. Vaishnavi Jangam V. Slurq

Ms. Rutuja Mane Pulis

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Preparation and Evaluation of Rectal Dosage Forms







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA) Prof. K.S.Shaikh

Department of Parmaceutics PES'S Modern College of Pharmacy Nigdi, Pune-44

Certificate by the Guide

This is to certify that the thesis entitled, "Preparation and Evaluation of Rectal Dosage Forms" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Kartik Gavali, Ms. Vaishnavi Jangam and Ms. Rutuja Mane under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

14-06-23 Date:

Place: Nigdi, Pune

Department of Ph rmaceutics

ollege of Pharmacy

Preparation and Evaluation of Rectal Dosage Forms







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal
P.E. S Modern College of Pharmacy
Nigdi, Pune – 44
Ex-Deans, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Preparation and Evaluation of Rectal Dosage Forms" is a record of bonafide research work carried out by by Mr.Kartik Gavali, Ms. Vaishnavi Jangam and Ms.Rutuja Mane under the guidance of Prof. K.S.Shaikh at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14-06-23

Place: Nigdi, PUNE

Dr. P. D. Chaudhari

Principal

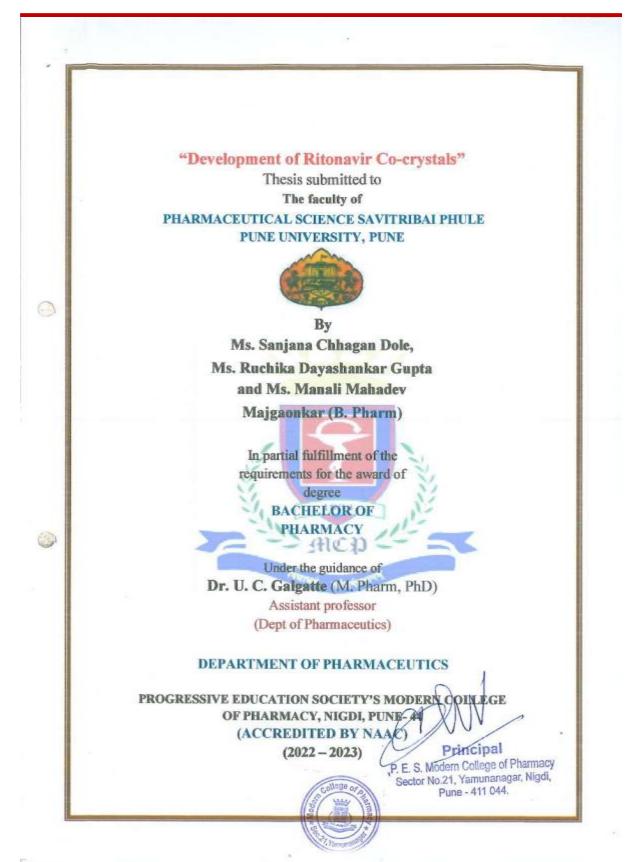
P. E. S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.

Preparation and Evaluation of Rectal Dosage Forms











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Sanjana Chhagan Dole, Ms. Ruchika
Dayashankar Gupta and Ms. Manali Mahadev
Majgaonkar declare that the thesisentitled,
"Development of Ritonavir Co-crystals", submitted by us
for degree of Bachelor of Pharmacy is the record of work
carried out by us under the guidance of Dr. U. C.
Galgatte and has not formed the basis for the award of
any degree or Diploma or Othertitles in this or any other

Date: 2-06-23

Place: Nigdi, Pune

Ms. Sanjana Dole - Fole

Ms. Ruchika Gupta - 9

Ms. Manati Wajgaonkar

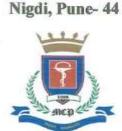
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P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Development of Ritonavir Co-crystals", submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Ms. Sanjana Dole, Ms. Ruchika Gupta and Ms. Manali Majgaonkar under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 2-06-23

Place: Nigdi, Pune

Dr. U. C. Galgatte (M. Pharm, PhD) Assistant professor (Dept. of Pharmaceutics)

Principal

P. E. S. Modern Bollege of Pharmacy Sector No.21, Yamunanagar, Nigdi,



(1)



P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune- 44



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the partial research work for the dissertation entitled, "Development of Ritonavir Cocrystals" is a record of bonafide research work carried out by Ms. Sanjana C. Dole, Ms. Ruchika D. Gupta and Ms. Manali M. Majgaonkar under the guidance of Dr. U. C. Galgatte at P. E. S's Modern College of Pharmacy,

Nigdi, Pune.

Date: 2-06-23

Place: Nigdi, Pune

Dr. P. D. Chaudhari

(Principal)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. A.R.BALAP

Associate Professor, Department of Pharmaceutical chemistry, P.E.S. Modern College of Pharmacy, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, FORMULATION, CHARACTERIZATION AND WOUND HEALING ACTIVITY OF GUAR GUM HYDROGEL LOADED WITH HONEY SILVER NANOPARTICLE submitted under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10 -6 - 23

Place: Pune

Dr. A.R.BALAP Research Guide

P. E. S. Modern College of Pharmacy

SECIOI NO.21 TEMUNEMAN







PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, FORMULATION, CHARACTERIZATION AND WOUND HEALING ACTIVITY OF GUAR GUM HYDROGEL LOADED WITH HONEY SILVER NANOPARTICLE is a record of bonafide research work carried out by Mr. Bhakare Harshal, Ms.Vaishali Chitta And Ms. Khushbhoo Choudhary under the guidance of DR. A.R.BALAP at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year2021-2022.

Date: 10-6-23

Place: Nigdi, Pune

Or.P.D. Chaudhari Principal

P. E. S. Modern Cellege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





FORMULATION, CHARACTERIZATION AND WOUND HEALING ACTIVITY OF GUAR GUM HYDROGEL LOADED WITH HONEY SILVER NANOPARTICLE

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. BHAKARE HARSHAL Ms. VAISHALI CHITTA Ms. KHUSHBHOO CHOUDHARY (B. Pharm.)

Under the Guidance of
Dr. A.R.BALAP
(M. Pharm. PhD)
Assistant Professor
(Dept. of Pharmaceutical Chemistry)

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. Bhakare Harshal, Ms. Vaishali Chitta, Ms. Khushbhoo Choudhary declare that the thesis entitled "FORMULATION, CHARACTERIZATION AND WOUND HEALING ACTIVITY OF GUAR GUM HYDROGEL LOADED WITH HONEY SILVER NANOPARTICLE submitted by us under the guidance of DR. A.R.BALAP has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 10-6-23

Place: Pune

Mr. Bhakare Harshal

Ms. Vaishali Chitta

Ms. Khushbhoo Choudhary

P.E.S. Modern College of Pharmacy Sector No.21/Yamunanagar, Nigdi, Pune - 411 044.





DEVELOPMENT AND EVALUATION OF ANTIFUNGAL TOPICAL CREAM INCLUDING CLIMBAZOLE AND CLOTRIMAZOLE

Thesis submitted to

THE FACULTY OF

PHARMACEUTICAL SCIENCES

SAVITRIBAIPHULE PUNE UNIVERSITY



By

Ms. SRISHTI JHA Ms. KAVERI GANJURE Ms. TEJASWINI BASATE

(B. Pharm)

Under the Guidance of

Dr. Nikita M. Gaikwad

(M. Pharm, PhD)

Associate Professor

Department of Pharmaceutics

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE-44

2022-23

rincipal

E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ms. Srishti Jha, Ms. Kaveri Ganjure and Ms. Tejaswini Basate declare that the thesis entitled "DEVELOPMENT AND EVALUATION OF ANTIFUNGAL TOPICAL CREAM INCLUDING CLIMBAZOLE AND CLOTRIMAZOLE" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Dr. NIKITA M. GAIKWAD and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 03 - 06 - 2023

Place: Nigdi, Pune

Ms. Srishti Jha ,

Ms. Kaveri Ganjure

Ms. Tejaswini Basate

E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC and NBA)

Dr. NIKITA M. GAIKWAD

(M.Pharm, PhD) Department of Pharmaceutics PES's Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "DEVELOPMENT AND EVALUATION OF ANTIFUNGAL TOPICAL CREAM INCLUDING CLIMBAZOLE AND CLOTRIMAZOLE"

submitted for the degree of bachelor of pharmacy, is the record of research work carried out by Ms. Srishti Jha, Ms. Kaveri Ganjure and Ms. Tejaswini Basate under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 03-06-2023

Place: Nigdi, Pune

Dr. NIKITA M. GAIKWAD

Research guide

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC and NBA)

Dr. P.D. CHAUDHARI

Principal
PES's Modern College of Pharmacy
Nigdi, Pune-44
Ex. Dean, Faculty of Pharmaceutical sciences,
Savitribai Phule Pune University, Pune

ENDORSEMENT BY PRINCIPLE

This is to certify that the partial research work for the dissertation entitled, "DEVELOPMENT AND EVALUATION OF ANTIFUNGAL TOPICAL CREAM INCLUDING CLIMBAZOLE AND CLOTRIMAZOLE" is a record of bonafide research work carried out by Ms. Srishti Jha, Ms. Kaveri Ganjure and Ms. Tejaswini Basate under the guidance of Dr. NIKITA M. GAIKWAD at PES's Modern College of Pharmacy Nigdi, Pune during the academic year 2022-23.

Date: 03-06-23 Place: Nigdi, Pune College of Quantities

r, P.D. Chaudhari Principal

P. E. S. Modern College of Pharmacy Sector No. 21

Pune - 411 044





"FORMULATION AND EVALUATION OF HREBAL DERMAL PATCHES FOR DERMATOPHYTIC SKIN INFECTION "

Project report submitted to

The Faculty of PHARMACEUTICAL SCIENCE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Mr. Pavankumar Dattatraya Mare, Devesh Sunil Chaudhari B. Pharm (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. P. D. Chaudhari (M. pharm Ph. D) Department of Pharmaceutics

Dr. Padmaja Kore (M. pharm Ph. D) Department of Pharmacology



Progressive Education Society's

Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)

S. Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAIPHULE PUNE UNIVERSITY



DECLARATION

We are Mr Pavankumar Dattatraya Mare, Mr. Devesh sunil Chaudhari declared that the thesis entitled "Formulation and evaluation of herbal dermal patches for dermatophytic skin infection" submitted by us for the award of degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by Dr. P.D. Chaudhari(Guide), Dr. Padmaja Kore(Co-Guide) and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2-6-2023

Place: Nigdi, Pune

Mr. Pavankumar Dattatraya Mare

Mr. Devesh Sunil Chaudhari

Show.

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "Formulation and evaluation of herbal dermal patches Forr dermatophytic skin infection" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Pavankumar Dattatraya Mare, Devesh Sunil Chaudhari under my guidance and supervision and that has not formed the basis for the award of any degreeor diploma or other titles in this or any other university.

Date: 2-06-23

Place: Nigdi Pune

Dr. P. D. Chaudhari (Principal)

P.E. S Modern College of Pharmacy, Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and evaluation of herbal dermal patches for dermatophytic skin infection" is a record of bonafide research work carried out Mr. Pavankumar Dattatraya Mare, Devesh Sunil Chaudhari under the guidance of Dr.P.D Chaudhari (Guide), Dr Padmaja Kore (Co-Guide) P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 2-66-23

Place: Nigdi, PUNE

Dr. P. D. Chaudhari Principal,

P.E. S Modern College of Pharmacy, Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences,

Savitribai Phule Pune University, Pune.

Principal
P. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





FORMULATION AND EVALUATION OF

TANNIN CONTAINING CHEWING GUM FOR MOUTH ULCER

Project Report Submitted to THE FACULTY OF PHARMACEUTICAL SCIENCESSAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



Mr. RAMESHWAR SHIVRAJ BHALKE

B. Pharm (Semester VIII)

In Partial Fulfillment of the Requirement for the Degree of BACHELOR OF PHARMACY

UNDER THE GUIDANCE OF

Dr. P.S. KORE (M. Pharm, PhD)

Associate professor

(Dept of Pharmacology)



Dr. U. S. Desai (M. Pharm, PhD)

Assistant professor

(Dept of Pharmaceutics)



DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEG

OF PHARMACY, NIGDI, PUNE - 44.

Pune - 411 044.





(ACCREDITED BY NAAC) (2022 – 2023) SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Mr. RAMESHWAR S. BHALKE declare that the thesis entitled, "Formulation and evaluation of Tannin Containing Chewing Gum for Mouth Ulcer", submitted by me for degree of 'Bachelor of Pharmacy' is the record of work carried out by me under the guidance of Dr. P. S. Kore and Dr. U.S. Desai and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0



P. E. Society's

MODERN COLLEGE OF PHARMACY

Date:

Mr. Rameshwar Bhalke

Place:

Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and evaluation of Tannin Containing Chewing Gum for Mouth Ulcer", submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Rameshwar S. Bhalke under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 14-06

Dr. P. S. Kore

(M. Pharm, P

Research

Pune - 411 044.



0



P. E. Society's MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled, "Formulation and evaluation of Tannin Containing Chewing Gum for Mouth Ulcer", submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Rameshwar S. Bhalke under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University. Quan

Place:

Dr. U. S. Desai (M. Pharm, PhD)

Research Co-Guid

Nigdi, Pune-44.

Principal

P. E. S. Modern College of Pharmacy



0



P. E. Society's MODERN COLLEGE OF PHARMACY



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and evaluation of Tannin Containing Chewing Gum for Mouth Ulcer" is a record of bonafide research work carried out by Mr. Rameshwar S. Bhalke under the guidance of Dr. P. S. Kore and CoGuidance of Dr. U. S. Desai at Modern College of Pharmacy, Nigdi, Pune-411044.

Date: 14-66-23

Place: pune

Dr. P. D. Chaudhari

(Principal)

Principal em College et Pi

E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,



0



P. E. Society's MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



ACKNOWLEDGEMENT

I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Dr. P.S. Kore & Dr. U.S. Desai for extending her valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other non-teaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

I express my deep sense of gratitude towards my parents and my friend Kartik Yenkure for his constant support and valuable help throughout this work.

P. E. S. Modern College of Pharmacy

Pune - 411 044.



0



P. E. Society's MODERN COLLEGE OF PHARMACY

Date:

14-06-23

Mr. Rameshwar Bhalke

Place:

pune



P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Development and Characterization of Novel Anti-acne Niosomal Gel"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. Akshay Deo and Ms. Shraddha Jadhav

(B. Pharmacy)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. Anuradha G. More

(M. Pharm, Ph.D.)

(Department of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY NIGDI, PUNE

2022-2023

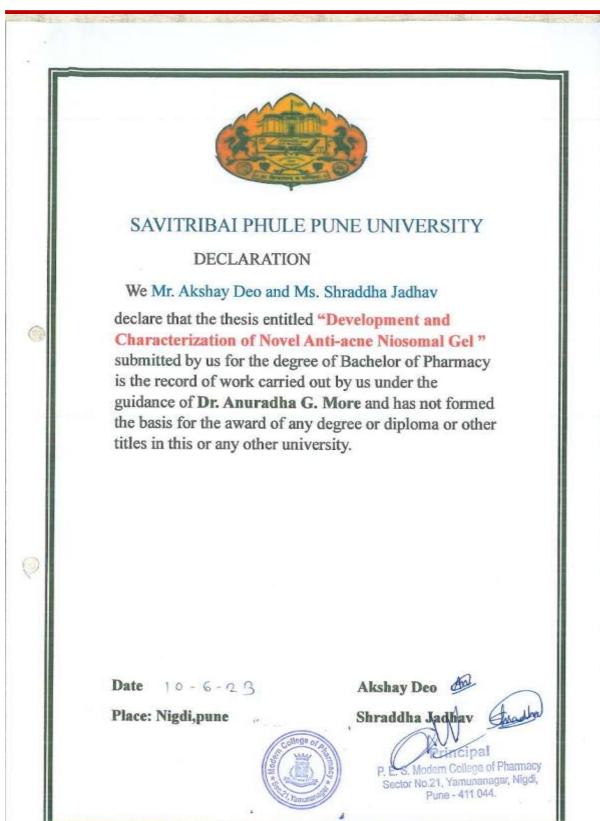
(Accredited by NAAC and NBA)



S Modern College of Pharmacy ector No.21, Yamunanagar, Nigdi, Pune - 411 044.











Dr.Anuradha G. More

Associate Professor, Department of Pharmaceutics P. E.S. Modern College of Pharmacy Nigdi, Pune-44



PES's MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This certify that to the thesis entitled, "Devlopment and Characterization of Novel Anti-acne Niosomal Gel" submitted for the degree of Bachelor of Pharmacy, is the record of research work carried out by Mr. Akshay Deo and Ms. Shraddha Jadhav under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10-6-23

Dr. Anuradha. G. More

Place: Pune

Associate Professo

21, Yamunanagar, Nigdi, Pune - 411 044

e of Pharmacy







Dr. P. D. Chaudhari
Principal,
P. E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune-44
Ex. Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

PES's MODERN COLLEGE OF PHARMACY
NIGDI, PUNE-44
(ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Devlopment and Characterization of Novel Anti-acne Niosomal Gel" submitted for the degree of Bachelor of Pharmacy, is the record of bonafide research work carried out by Mr. Akshay Deo and Ms. Shraddha Jadhav under the guidance of Dr. Anuradha G. More at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date 10-6-23

Place: Pue

Dr.Pravin D. Chaudhari





(3)



"FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS"

A PROJECT REPORT SUBMITTTED TO
THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Kaushal S. Gandhi

Nitesh R. Misal

In partial fulfilment of the requirements for the degree of

Bachelor of Pharmacy

Under The Guidance Of

Dr. Anuradha G. More

(M. Pharm PhD.)

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



P. E. S. Mozern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Nitesh R. Misal and Kaushal S. Gandhi declare that the thesis entitled "FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Dr. Anuradha G. More and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE:

10-6-23

PLACE: Nigdi, Pune

Kaushal Gandhi

Nitesh Misal

em College of Pharmac No.21, Yamunanagar, Nigdi,







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Mr. Kaushal S. Gandhi under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10 -6-23

Place: Nigdi, Pune

Dr. P. D. Chaudhari

(Principal)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



(

(*)





PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. Anuradha G. More

Associate Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE CO-GUIDE

This is to certify that the thesis entitled "FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Mr. Kaushal S. Gandhi under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date:

10-6-23

Place: Nigdi, Pune

Dr. Anuradha More

(Associate Professor)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. Anuradha G. More

Associate Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

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Date: 10-6-23

Place: Nigdi, Pune

Dr. Anuradha More

(Associate Professor)

No.21, Yamunanogar, Nigdi, Pune - 411 044.



(3)



DR. P. D. Chaudhari

Principal, P. E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44 Ex. Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the project report entitled, "FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS" submitted for the degree of Bachelor of Pharmacy, is the record of bonafide research work carried out by Mr. KAUSHAL S. GANDHI and Mr. NITESH R. MISAL under the guidance of Dr. P. D. Chaudhari and Dr. Anuradha G. More at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date

10-6-23

Place: Nigdi, Pune

Dr. Pravin D. Chaudhari

(Principal)

P. E. S. Modern College of Pharmac





"Synthesis Of Schiff Base from Indole 3 Carbaldehyde"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Miss.Sakshi Sunil Kudale

Mr.Vimaji Goradwar

Mr.Akshay Kalyan

(B. Pharm)

In partial fulfillment, of The requirements for the degree of

BACHELOR OF PHARMACY

IIN

PHARMACEUTICAL CHEMISTRY

UNDER THE GUIDENCE OF

Dr. S.B.Jadhav

(M. Pharm, ph.D)

Associate Professor

• (Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S

MODERN COLLEGE OF PHARMACY

NIGDI, PUNE-44

(2022-23)

P. E. S. Listen College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



3



(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE **PUNE UNIVERSITY**)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Miss Sakshi Sunil Kudale, Mr. Vimaji Goradwar, Mr. Akshay Kalyan declare that the thesis entitled, "Synthesis Of Schiff Base from Indole 3 Carbaldehyde" submitted by me for Degree of Bacheolar of Pharmacy is the record of work carried out by me under the guidance of Dr. Shialaja B Jadhav has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 8|0 c|23

Miss Sakshi S Kudale Quidale

Mr. Vimaji Goradwar 4

Mr. Akshay Ka

Place: Nigdi, Pune

m College of Pharmacy or No.21, Yamunanagar, Nigdi,





Dr.Shailja B Jadhav

Associate Professor, (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Synthesis Of Schiff Base from Indole 3 Carbaldehyde" submitted for degree of Bacheoler of Pharmacy, is the record of research work carried out by Miss Sakshi Sunil Kudale, Mr. Vimaji Goradwar, Mr. Akshay Kalyan under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Place: Nigdi, Pune

Dr.Shialaja B Jadhav Research Guide

Principal

No. Modern College of Pharmacy
Sector No. 21, Yamunanagar, Nigdi,

Pune - 411 044



0



Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "Synthesis Of Schiff Base from Indole 3 Carbaldehyde" is a record of bonafide research work carried out by Miss Sakshi Sunil Kudale, Mr. Vimaji Goradwar, Mr. Akshay Kalyan under the guidance of Dr. Shailaja B Jadhav at Modern College of Pharmacy, Nigdi, and Pune-411044.

Date: 08-06-23

Place: Nigdi, Pune

Dr. P. D. Chaudhari

Principal

P. E. S. Wedern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"SYNTHESIS AND CHARACTERIZATION OF FE3O4 NANOPARTICLES"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Shravani Pandurang Agalave

(B. Pharm)

UNDER THE GUIDANCE OF

Dr. Minal Harde

(Ph. D)

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

P. F. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





DECLARATION

I SHRAVANI PANDURANG AGALAVE declare that the thesis entitled "Synthesis and characterization of Fe3O4 Nanoparticles" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Dr. Minal Harde and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 08-06-23

PLACE: Pune

Pandurang Agalave

Shravani

P. E. Switch College of Pharmacy Sector No.21, Yamunanagar, Nigdi,







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. Minal Harde

Assistant Professor

Department of Pharmaceutical chemistry

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Synthesis and characterization of Fe3O4 nanoparticles" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Ms. Shravani Pandurang Agalave under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: -8-08-06-23

Place: Pune

Dr. Minal Harde

(Assistant Professor)

E. S. Modero College of Pharmacy ctor No.21, Yamunanagar, Nigdi, Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences
Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Ms. Shravani Pandurang Agalave "Synthesis and characterization of Fe3O4 nanoparticles" and under the guidance of Dr. Minal Harde at P.E.S Modern College of PharmacyNigdi, Pune

Date: 08-06-23-

Place: pune

Dr. P. D. Chaudhari (Principal)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



Submitted by

AJAY JAGANNATH DHAPATE

(B. Pharm)

UNDER THE GUIDANCE OF

Dr. Minal Harde

(M. Pharm)

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy,

Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





Principal
PLS Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ajay Jagannath Dhapate declare that the thesis entitled "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Minal Harde and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 10-6-23

PLACE: Pune

Ajay Dhapate

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

S. Modern College of Pharmacy







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. Minal Harde

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Ajay Dhapate under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10-6-23

Place: pune

Dr. Minal Harde

(Assistant Professor)

Yamunanagar, Nigdi,







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Mr. Ajay Dhapate "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES" and under the guidance of Dr. Minal Harde at P.E.S Modern College of PharmacyNigdi, Pune.

Date:

10-06-23

Place:

pune

Dr. P.D. Chardhari (Principal)

Principal

P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





"SYNTHESIS, CHARACTERISATION AND APPLICATION OF IRON OXIDE NANOPARTICLES"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Truptee Hiralal Banakar

(B. Pharm)

UNDER THE GUIDANCE OF

Dr. Minal Harde

(M. Pharm)

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy,

Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)







SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Truptee Hiralal Banakar declare that the thesis entitled "Synthesis, Characterisation and Application of Iron Oxide Nanoparticles" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Minal Harde and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 14-06-23

PLACE:

pune

Truptee Banakar

lege of Pharmacy Yamunanagar, Nigdi,







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. Minal Harde

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Synthesis, Characterisation and Application of Iron Oxide Nanoparticles" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Truptee Banakar under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14-06-23

Place: Pune

Dr. Minal Harde

(Assistant Professor)

P. E. S. Modern College of Pharmacy Sector No. 21, Yamunenagar, Nigdi,







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Ms. Truptee Banakar "Synthesis, Characterisation and Application of Iron Oxide Nanoparticles" and under the guidance of Dr. Minal Harde at P.E.S Modern College of PharmacyNigdi, Pune

Date: 14-06-23

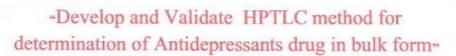
Place: pune

Dr. P. D. Chaudhari (Principal)

Principal
P. E.S. Medem College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,







Thesis submitted to
The Faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. Rahul Andhale Ms. Shruti Bajare Ms. Sneha Hojage (B. Pharm)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. Pallavi M. Patil

(M. Pharm, PhD)

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy, Nigdi , Pune (2022-2023)

(Accredited by NAAC and NBA)





Principal
P. B. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. Rahul Andhale, Ms. Shruti Sanjay, Ms. Sneha Hojage declared that the thesis entitled
"Develop and Validate HPTLC method for determination of Antidepressants drug in
bulk form" submitted by us for the degree of Bachelor of Pharmacy is the record of work
carried out by us under the guidance of Dr. Pallavi M. Patil and has not formed the basis for
the award of any degree or diploma or other titles in this or any other university.

Place: Nigdi, Pune

Date: 14 6 2023

College Co

Mr. Rahul Andhale

Ms. Shruti Bajare

Ms. Sneha Hojage



rincipal

P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. Pallavi M. Patil

Associate Professor

Department of Pharmaceutical Chemistry

PES'S Modern College of Pharmacy Nigdi, Pune-44

Certificate by the Guide

This is to certify that the thesis entitled, "Develop and Validate HPTLC method for determination of Antidepressants drug in bulk form" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Rahul Andhale, Ms. Shruti Bajare, Ms. Sneha Hojage under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Place: Nigdi, Pune

Date: 14 6 2023

Dr. Pallavi M. Patil

(M. Pharm, PhD.)



P. E. S. Hodern Collage of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044





PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Choudhari

Principal
P.E. S Modern College of Pharmacy
Nigdi, Pune – 44
Ex-Dean, Faculty of Pharmaceutical Sciences,

Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Develop and Validate HPTLC method for determination of Antidepressants drug in bulk form" is a record of bonafide research work carried out by Mr. Rahul Andhale, Ms. Shruti Bajare, Ms. Sneha Hojage under the guidance of Dr. Pallavi M. Patil at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14 6 2023

Place: Nigdi, PUNE

Dr. P. D. Choudhari Principal







ACKNOWLEDGEMENT:

I am thankful to Dr. P. D. Chaudhari, Principal of Modern College of Pharmacy for providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Dr. Pallavi M. Patil for extending their valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other non - teaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

I express my deep sense of gratitude towards my parents and my all friends for their trust, love and support throughout this work.

Place: Nigdi, Pune-44.

Date: |4| 6 | 2023

Mr. Rahul Andhale Ms. Shruti Bajare

Ms. Sneha Hojage

(Final year B. Pharmacy) 1

College of A same and a same a

P. E. S. Wodern College of Pharmac, Sector No.21, Yannanagar, Nigdi, Pune - 411 044.







Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MR. TEJAS BHIMRAO ANANDKAR

(B. Pharm)
In partial fulfillment of,
The requirements for the degree of
Bachelor of Pharmacy

Under the Guidance of DR. AMIT S. TAPKIR (M. Pharm. PhD)

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)

S. Modern College of Pharm

Pune - 411 044





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. TEJAS BHIMRAO ANANDKAR declare that the thesis entitled "EXTRACTION, ISOLATION AND EVALUATION OF LAWSONE FROM LAWSONIA INERMIS EXTRACT AND MARKETED FORMULATION BY HPTLC" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization



Date: 2/6/23

Place: Nigdi, Pune

MR. ANANDKAR TEJAS BHIMRAO

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,







PES's, MODERN COLLEGE OF PHARMACY NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. AMIT S. TAPKIR

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "EXTRACTION, ISOLATION AND EVALUATION OF LAWSONE FROM LAWSONIA INERMIS EXTRACT AND MARKETED FORMULATION BY HPTLC" submitted for degree of Bachelor of Pharmacy (Pharmaceutical chemistry) is the record of research work carried out by MR. TEJAS BHIMRAO ANANDKAR under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 216/23

Place: Nigdi, Pune

Collade of Organization

Dr. Amit S. Tapkir Research Guide

peror No.21, Yamunanagar, Nigdi,







PES's, MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "EXTRACTION, ISOLATION AND EVALUATION OF LAWSONE FROM LAWSONIA INERMIS EXTRACT AND MARKETED FORMULATION BY HPTLC" For BACHELOR OF PHARMACY (PHARMACEUTICAL CHEMISTRY) is a record of bonafide research work carried out by MR. TEJAS BHIMRAO ANANDKAR under the guidance of DR. AMIT S. TAPKIR at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 during the academic year 2022-2023.

Date: 2/6/23 Place: Nigdi, Pune Dr. P. D. Chaudhari Principal

Principal P. E. S. Modern College of Re

Nigdi





"EXTRACTION, ISOLATION AND EVALUATION OF QUININE SULPHATE FROM EXTRACT AND MARKETED FORMULATION BY HPTLC"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Ву

MISS.SHIVANI APPASAHEB DIGHE

(B. Pharm)
In partial fulfillment of,
The requirements for the degree of
Bachelor of Pharmacy

Under the Guidance of DR. AMIT S. TAPKIR (M. Pharm. PhD) Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44 (2022-23)

> P. E. S. Missen College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MISS.SHIVANI APPASAHEB DIGHE declare that the thesis entitled "EXTRACTION, ISOLATION AND EVALUATION OF QUININE SULPHATE FROM EXTRACT AND MARKETED FORMULATION BY HPTLC" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization



Date: 10 -6-23

Place: Nigdi, Pune

MISS.SHIVANI APPASAHEB DIGHE

Principal
P. E. S. Modern College of Pharmacol Sector No.21, Yamunanagar, Nigdi,







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. AMIT'S. TAPKIR

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "EXTRACTION, ISOLATION AND EVALUATION OF QUININE SULPHATE FROM EXTRACT AND MARKETED FORMULATION BY HPTLC" submitted for degree of Bachelor of Pharmacy (Pharmaceutical chemistry) is the record of research work carried out by MISS.SHIVANI APPASAHEB DIGHE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10-6-23

Place: Nigdi, Pune

Dr. Amit S. Tapkir Research Guide

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled "EXTRACTION, ISOLATION AND EVALUATION OF QUININE SULPHATE FROM EXTRACT AND MARKETED FORMULATION BY HPTLC" FOR BACHELOR OF PHARMACY (PHARMACEUTICAL CHEMISTRY) is a record of bonafide research work carried out by MISS.SHIVANI APPASAHEB DIGHE under the guidance of DR. AMIT S. TAPKIR at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 during the academic year 2022-2023.

Date: | 0 - 6 - 23 Place: Nigdi, Pune Dr. P. D. Chaudhari Principal

Principal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"EXTRACTION, ISOLATION AND EVALUATION OF CALCIUM SENNOSIDE FROM CASSIA ANGUSTIFOLIA EXTRACT AND MARKETED FORMULATION BY HPTLC"

Thesis submitted to
THE FACULTY OF
PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MR. HARSHAL SANJAY JAGTAP

(B. Pharm)
In partial fulfillment of,
The requirements for the degree of
Bachelor of Pharmacy

Under the Guidance of DR. AMIT S. TAPKIR (M. Pharm. PhD)

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

Alega .

(2022-23)

Principal
PES Modern College of Phanta
Sector No.21, Yamunanagar, Nod





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. HARSHAL SANJAY JAGTAP declare that the thesis entitled "EXTRACTION, ISOLATION AND EVALUATION OF CALCIUM SENNOSIDE FROM CASSIA ANGUSTIFOLIA EXTRACT AND MARKETED FORMULATION BY HPTLC" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. AMIT S. TAPKIR has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Works Annual Control of Control o

Date: 14-06-23

MR. HARSHAL SANJAY JAGTAI

Place: Nigdi, Pune

Dung 444 047







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC)

DR. AMIT S. TAPKIR

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

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Date: 14-0 6-25 **Place: Nigdi, Pune**

Dr. Amit S. Tapkir Research Guide

P. E.S. Medern College of Pharma

Pune - 411 044







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

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Date: 14-06-29
Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

Principal

P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,





"DESIGN, SYNTHESIS AND EVALUATION OF SOME MAO-B INHIBITORS AS ANTI-ALZHEIMER'S AGENTS"

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. ABHISHEK BHAU MASKARE

(B. Pharm)

In partial fulfillment, of The requirements for the degree of

BACHELORS OF PHARMACY IN

PHARMACEUTICAL CHEMISTRY

UNDER THE GUIDENCE OF Mr. SOMDATTA Y. CHAUDHARI (M. Pharm)

Assistant Professor (Dept. of Pharmaceutical Chemistry)

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE – 44

(2022-23)



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagan Egdi,





(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. ABHISHEK BHAU MASKARE declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME MAO-B INHIBITORS AS ANTI-ALZHEIMER'S AGENTS" submitted by me for Degree of Bachelors of pharmacy is the record of work carried out by me under the guidance of Mr. SOMDATTA Y. CHAUDHARI has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Anskare

Date: 2-6-23

Mr. Abhishek B. Maskare

Place: Nigdi, Pune



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Assistant Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

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Date: 2-6-23

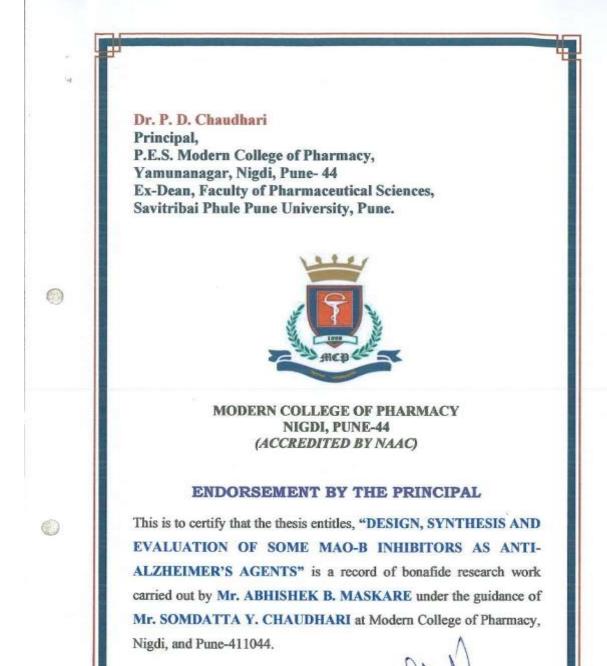
Place: Nigdi, Pune

Mr. Somdatta Y. Chaudhari Research Guide

> P. H. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Date: 2/6/23

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

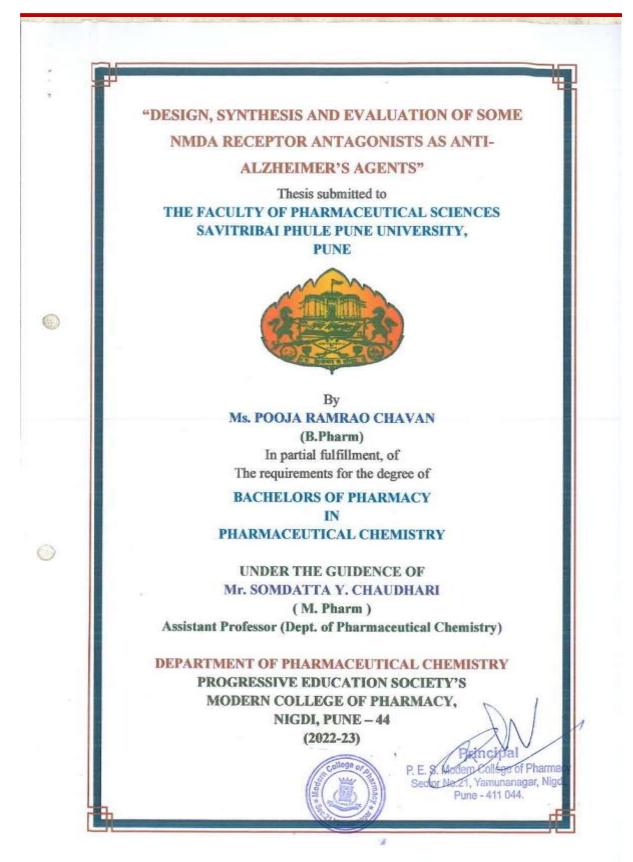
Principal

P F S Modem College of Pharm

Pune - 411 044.









0



(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. POOJA RAMRAO CHAVAN declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME NMDA RECEPTOR ANTAGONISTS AS ANTI-ALZHEIMER'S AGENTS" submitted by me for Degree of Bachelors of pharmacy is the record of work carried out by me under the guidance of Mr. SOMDATTA Y. CHAUDHARI has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10 - 6 - 23

Ms. POOJA R. CHAVAN

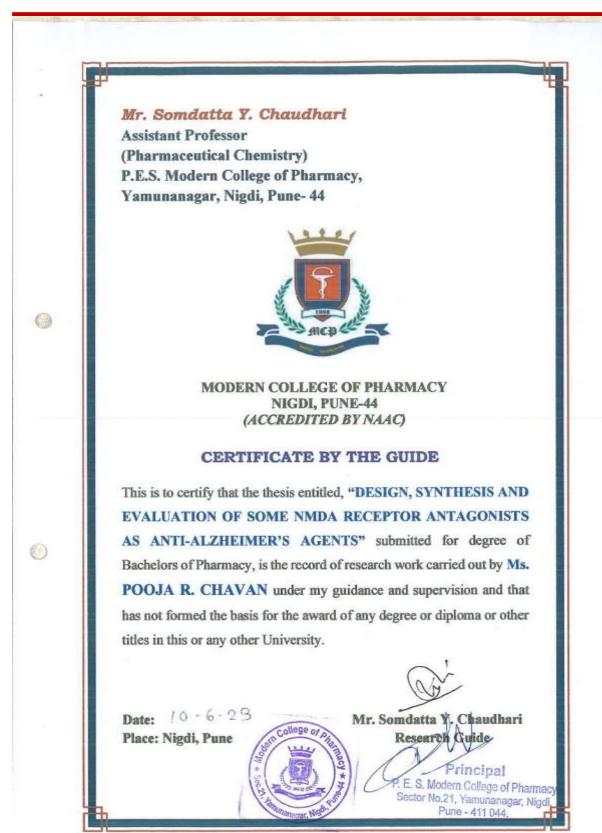
Place: Nigdi, Pune



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

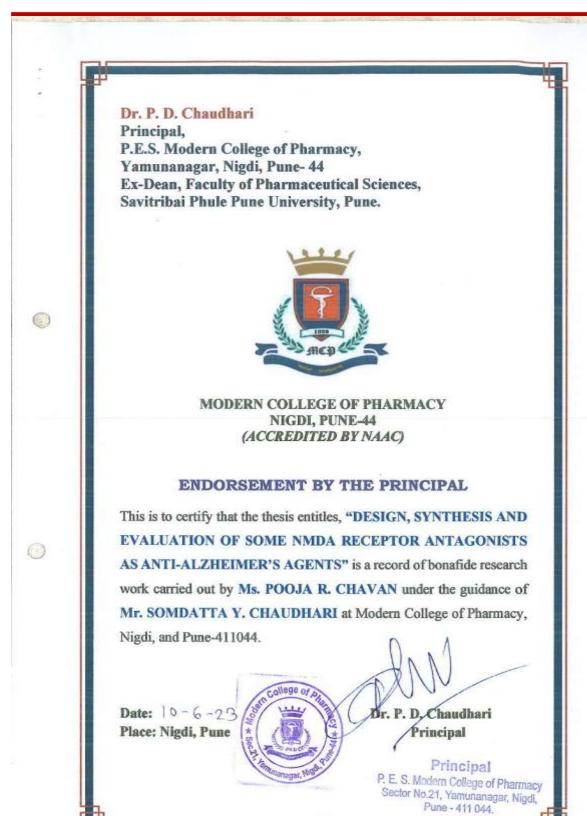






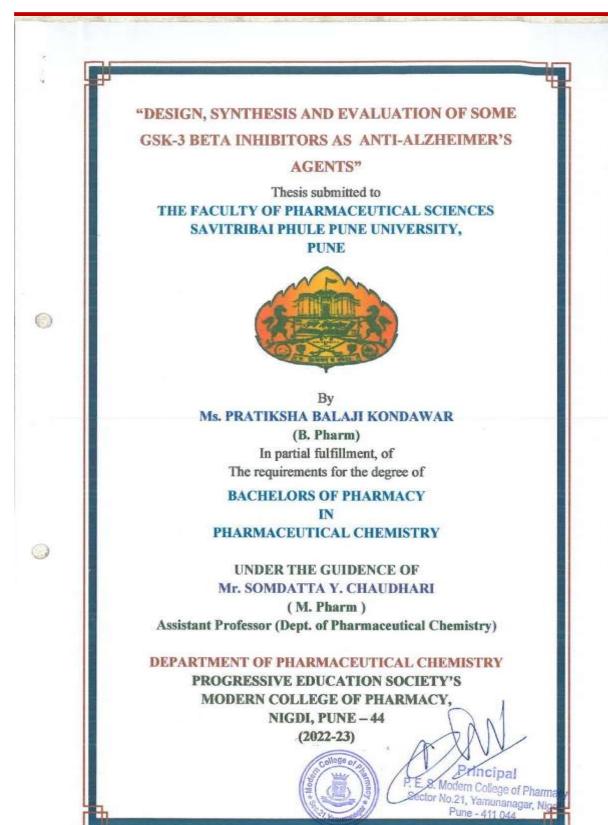
















(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAL PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. PRATIKSHA BALAJI KONDAWAR declare that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME GSK-3 BETA INHIBITORS AS ANTI-ALZHEIMER'S AGENTS" submitted by me for Degree of Bachelors of pharmacy is the record of work carried out by me under the guidance of Mr. SOMDATTA Y. CHAUDHARI has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 14-06-23

Ms. Pratiksha.B.Kondawar

Place: Nigdi, Pune



Principal

E.S. Modern Pollege of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044







Assistant Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "DESIGN, SYNTHESIS AND EVALUATION OF SOME GSK-3 BETA INHIBITORS AS ANTI-ALZHEIMER'S AGENTS" submitted for degree of Bachelors of Pharmacy, is the record of research work carried out by Ms. PRATIKSHA B. KONDAWAR under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 14-66-23 Place: Nigdi, Pune

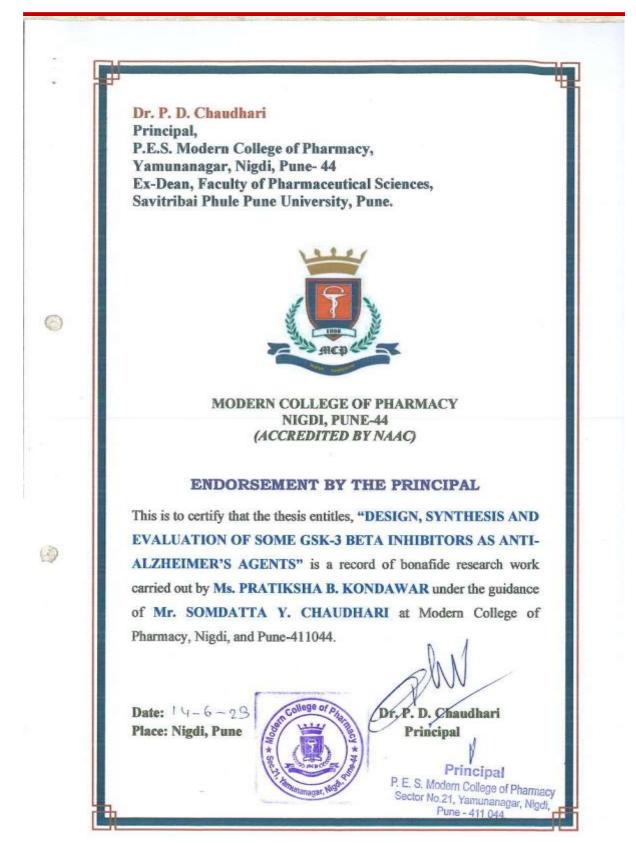
Nege of Photography

Mr. Somdatta Y. Chaudhari Research Guide

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.











"EVALUATING THE EFFECT OF FRUCTOSE-INDUCED NAFLD ON PHYSICOCHEMICAL PARAMETERS IN RATS"

Final Year B-Pharm Project Report Submitted to

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr. Prathamesh Badhe, Ms. Bhagirathi Bhale and Ms. Sampada Kulkarni

Under the Guidance of Dr. D. D. BANDAWANE (HOD)

DEPARTMENT OF PHARMACOLOGY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune-411044

(2022-2023)



E Skiodern College of Pharmacy Seefor No.21, Yamunanagar, Nigdl, Pune - 411 044.





(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Mr.Prathamesh Badhe, Ms.Bhagirathi Bhale and Ms.Sampada Kulkarni declare that the thesis entitled "Evaluating the Effect of Fructose-induced NAFLD on Physicochemical Parameters in Rats" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Dr.D.D. BANDAWANE and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23

Place: Nigdi, Pune

Mr. Prathamesh Badhe Both P.B.

Ms. Bhagirathi Bhale المعلمة

Ms. Sampada Kulkarni Skulkarn

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P. E. S. Code of College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

> Dr. D.D. Bandawanae (HOD) Department of Pharmacology P.E.S Modern College of Pharmacy, Nigdi, Pune-44

Certificate by the Guide

This is to certify that the thesis entitled, "Evaluating the effect of fructose-induced NAFLD on physicochemical parameters in rats" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Prathamesh Badhe, Ms. Bhagirathi Bhale and Ms. Sampada Kulkarni under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 0/6/23

Place: Nigdi, PUNE

Dr D.D. Bandawane

Trincipal

ector No.21, Yamunanagar, Nigdi, Pune - 411 044





DR. P. D. Chaudhari

Principal, P. E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune-44 Ex. Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.



PES's MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NAAC)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the project report entitled, "FORMULATION, EVALUATION AND COMPARISON OF THE HERBAL SHAMPOO WITH THE COMMERCIAL SHAMPOOS" submitted for the degree of Bachelor of Pharmacy, is the record of bonafide research work carried out by Mr. KAUSHAL S. GANDHI and Mr. NITESH R. MISAL under the guidance of Dr. P. D. Chaudhari and Dr. Anuradha G. More at P.E.S's Modern College of Pharmacy, Nigdi, Pune-44.

Date |

10-6-23

Place: Nigdi, Pune

Dr. Pravin D. Chaudhari

(Principal)

P. E. S. Modern College of Pharmacy

Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal
P.E. S Modern College of Pharmacy
Nigdi, Pune – 44
Ex-Deans, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Evaluating the effect of fructose-induced NAFLD on physicochemical parameters in rats" is a record of bonafide research work carried out by Mr. Prathamesh Badhe, Ms. Bhagirathi Bhale and Ms. Sampada Kulkarni under the guidance of Dr. D.D. Bandawane at P.E.S Modern College of PharmacyNigdi, Pune.

Date: 2/6/23

Place: Nigdi, PUNE

Dr. P. D. Chaudhari

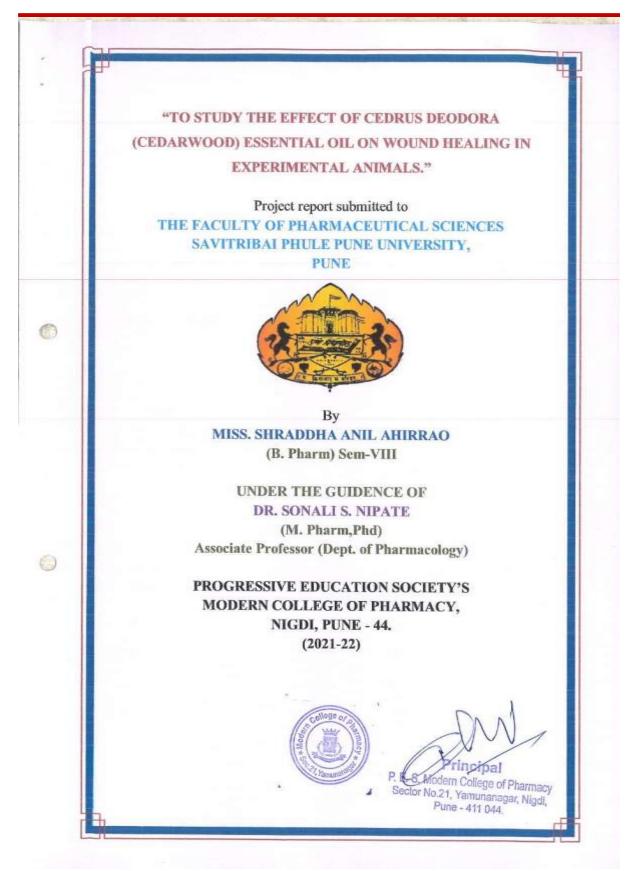
Principal

Principal

P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Miss. Shraddha Anil Ahirrao, declare that the thesis entitled, "TO STUDY THE EFFECT OF CEDRUS DEODORA (CEDARWOOD) ESSENTIAL OIL ON WOUND HEALING IN EXPERIMENTAL ANIMALS." submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali S. Nipate and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14|06|23

Place: Nigdi, Pune

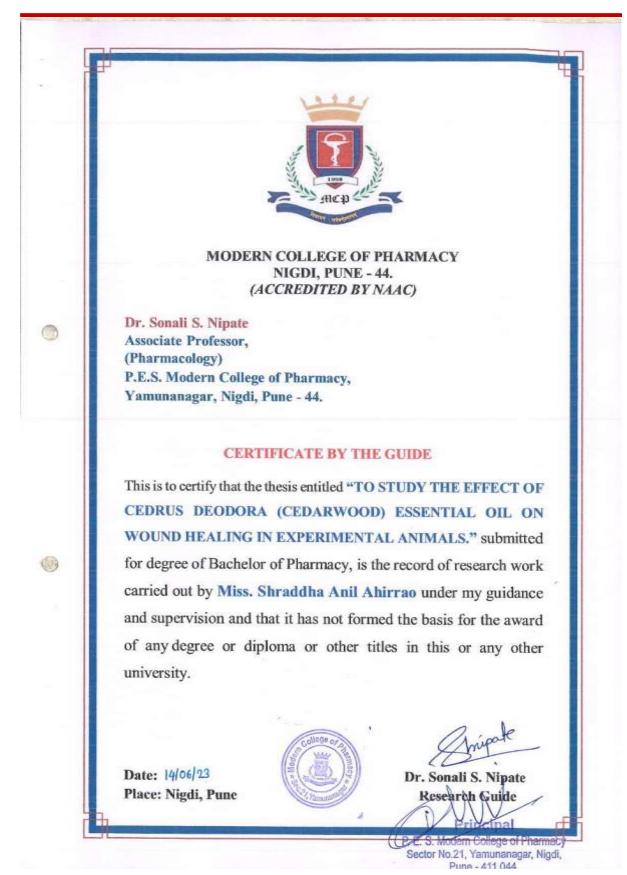
Miss. Shraddha Anil Ahirrao

Principal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

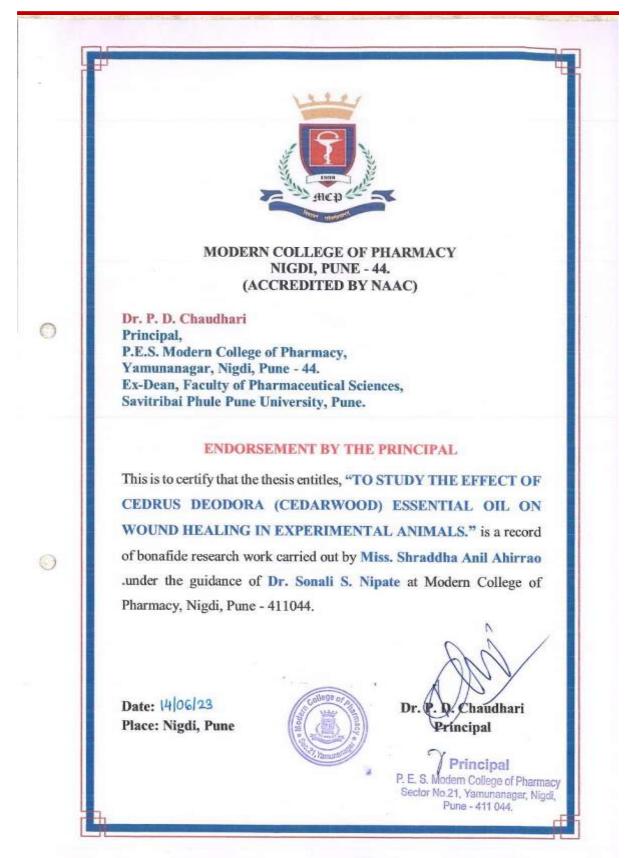
















ACKNOWLEDGEMENT

It is a moment of gratification and pride to look back with a sense of contentment at the long-travelled path, to be able to recapture some of the fine moments, there are too many people who helped lead me here and supported me.

I dedicated this thesis to my family.

First of all, I take this opportunity to express my heart- felt & deep sense of gratitude with sincerity to my esteemedResearch Guide Dr. Sonali S. Nipate Associate Professor Department of Pharmacology at P.E.S. Modern College of Pharmacy, Nigdi, Pune; for her constant help, support, encouragement and valuable suggestions throughout project work. I am very much thankful for her unflinching support, affection, which helped me a lot in exploring my abilities. She supported me at each and every step of the research work. I must say thanks for her patience and courage to help me out throughout the project andproviding good environment for the research work. And made it possible for me to carry out the present work which otherwise, would have been very difficult. It was my luck to get an opportunity to work underher guidance. Thank you, Ma'am!

I express my sincere thanks to **Dr. Praveen D. Chaudhari**, Principal, P.E. Society's Modern College of Pharmacy, Nigdi, Pune, for making available every facility needed for research work.

P.E. S. Modern college of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





I would like to thank all teaching and non-teaching staff of P.E. Society's Modern College of Pharmacy, Nigdi, Pune for their help to complete my project work successfully.

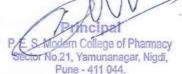
I am grateful to my friends Akash, Ankush, Vinod, Akanksha who helped me directly or indirectly in the successful completion of project.

My deepest gratitude goes to my family for their unflagging love and support throughout my life; this dissertation is simply impossible without them.

Nothing can resist a determined will, and without an intense desire to succeed, I will be always thankful to the Almighty GOD for giving me the strength, will and wisdom to carry out the project successfully.

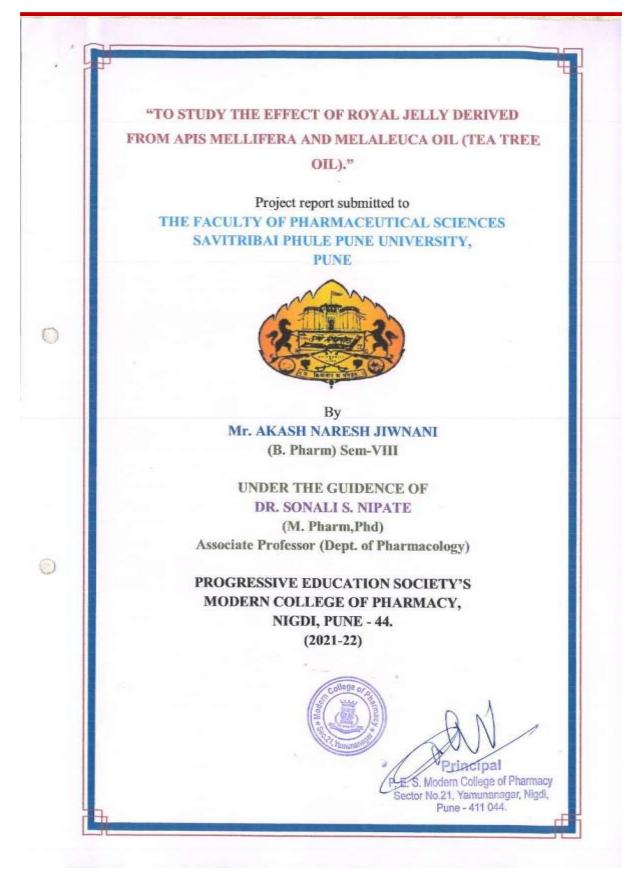
Date: 14/06/23

Miss. Shraddha Anil Ahirrao













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SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Mr. Akash Naresh Jiwnani, declare that the thesis entitled, "TO STUDY THE EFFECT OF ROYAL JELLY DERIVED FROM APIS MELLIFERA AND MELALEUCA OIL (TEA TREE OIL)." submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Sonali S. Nipate and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/06/23

Place: Nigdi, Pune

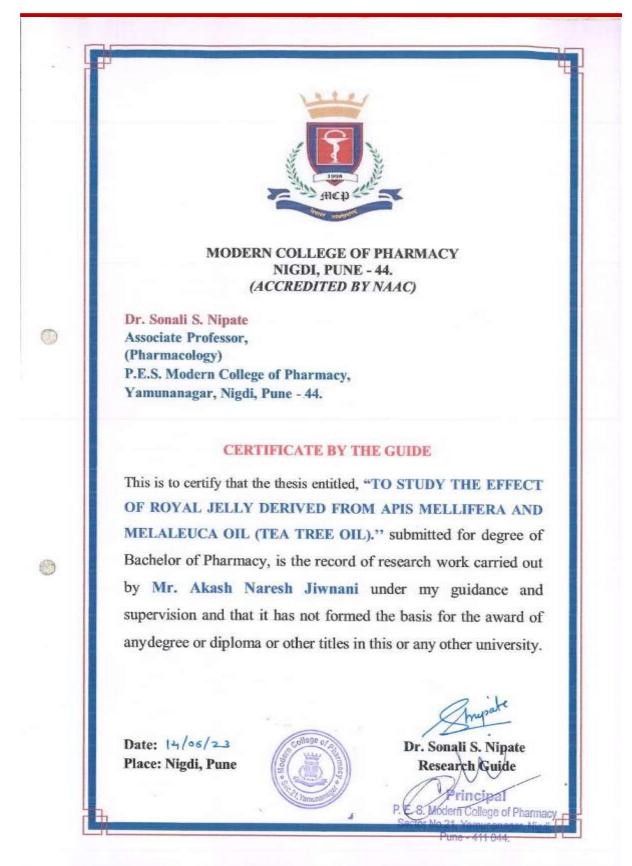
Mr. Akash Naresh Jiwnani

Principal
P. E. S. Medern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.

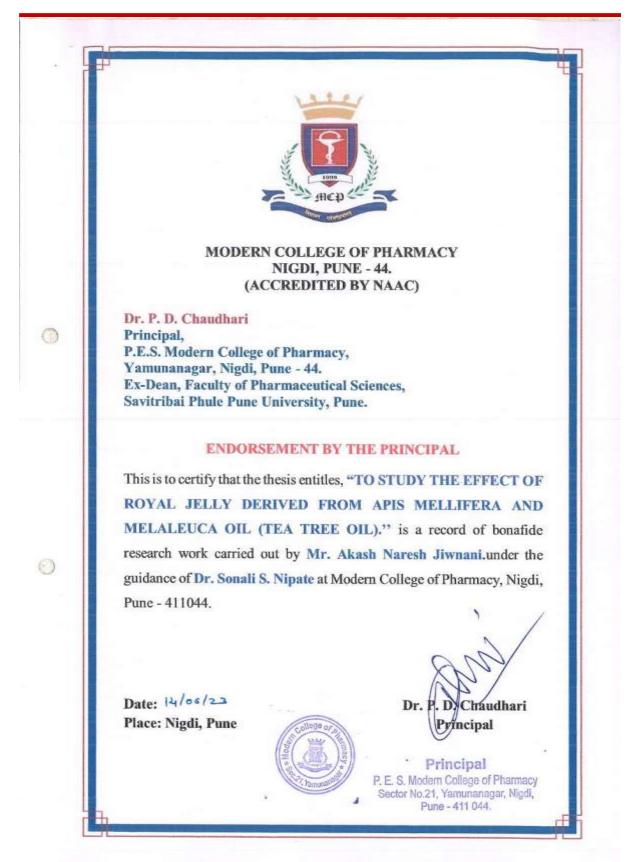
















ACKNOWLEDGEMENT

It is a moment of gratification and pride to look back with a sense of contentment at the long-travelled path, to be able to recapture some of the fine moments, there are too many people who helped lead me here and supported me.

I dedicated this thesis to my family.

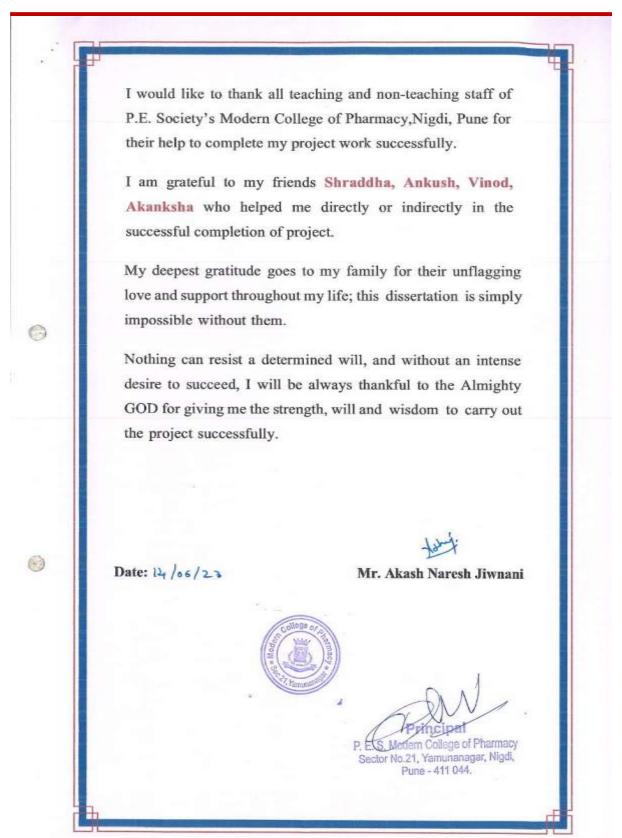
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E. S. Modern College of Pharmacy

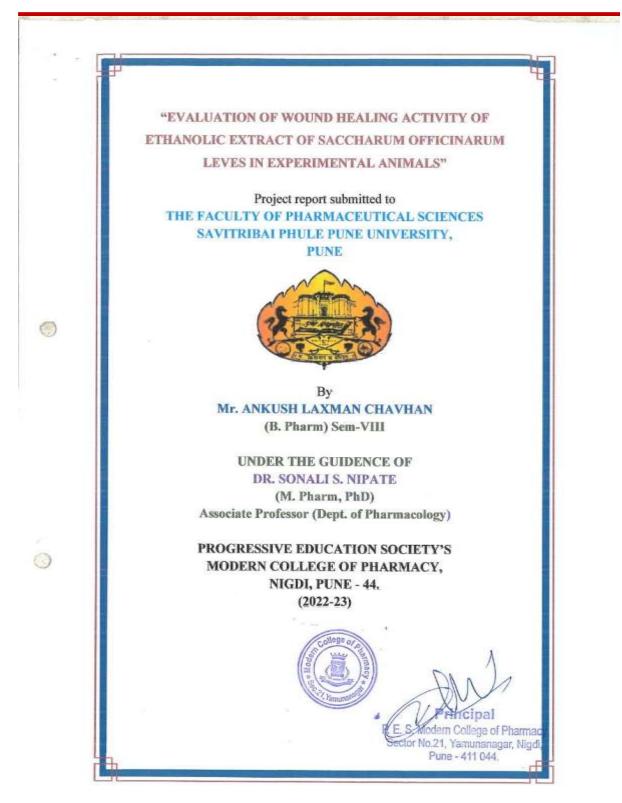
















(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNE UNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I, Mr.Ankush Laxman Chavhan, declare that the thesis entitled,
"EVALUATION OF WOUND HEALING ACTIVITY OF
ETHANOLIC EXTRACT OF SACCHARUM OFFICINARUM
LEAVES IN EXPERIMENTAL ANIMALS." submitted by me for
the degree of Bachelor of Pharmacy is the record of work carried
out by me under the guidance of Dr. Sonali S. Nipate and has not
formed the basis for the award of any degree or diploma or other
titles in this or any other university.

Date: 10-6-23

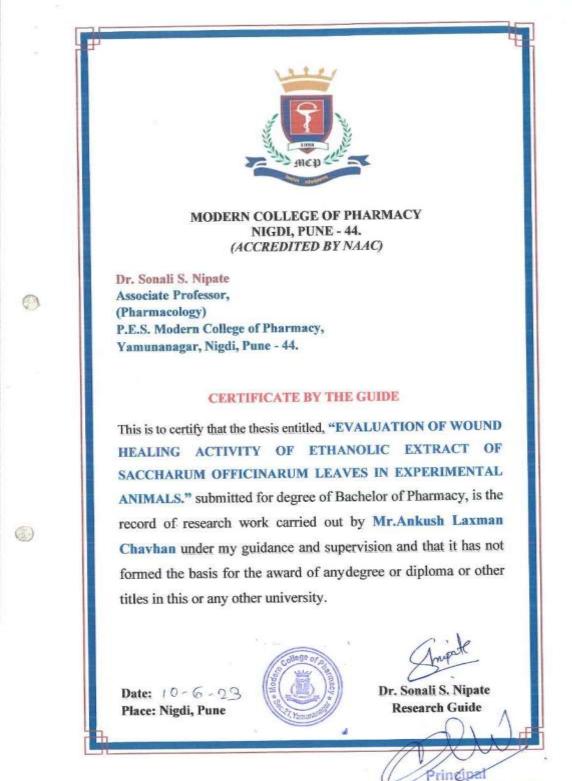
Mr. Ankush Laxman Chavhan

Place: Nigdi, Pune

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



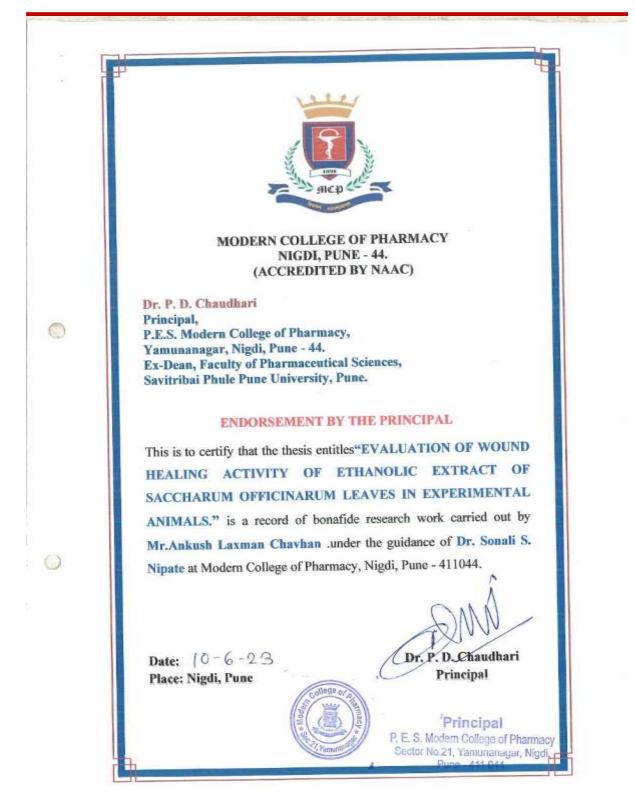




P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Puna - 411 044.











ACKNOWLEDGEMENT

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> Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





I would like to thank all teaching and non-teaching staff of P.E. Society's Modern College of Pharmacy, Nigdi, Pune for their help to complete my project work successfully.

I am grateful to my friends Shraddha, Akash, Vinod, Akanksha who helped me directly or indirectly in the successful completion of project.

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Date: 10-6-23

Mr.Ankush Laxman Chavhan

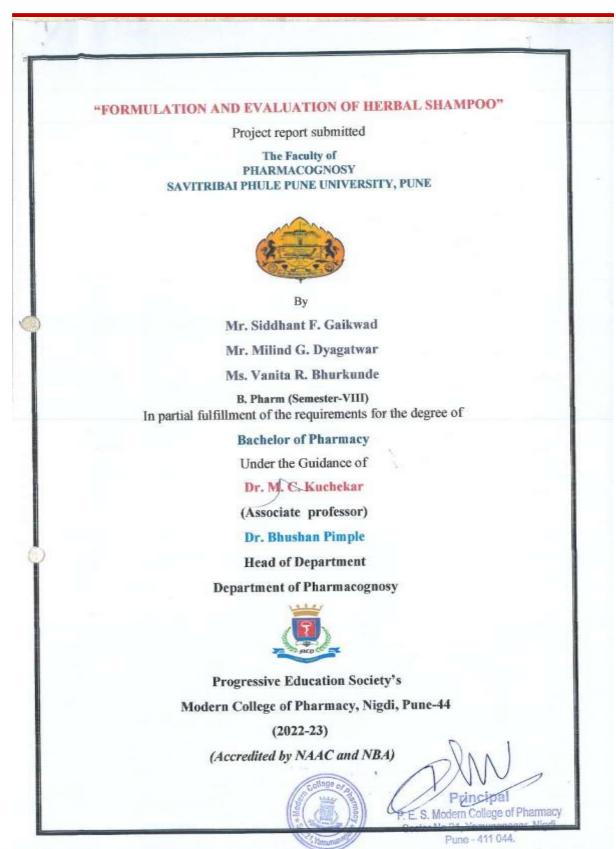
Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

be of Pharmacy













SAVITRIBAIPHULE PUNE UNIVERSITY



DECLARATION

I am Mr. Siddhant F. Gaikwad, Mr. Milind G. Dyagatwar, Ms. Vanita R. Bhurkunde declared that the thesis entitled "Formulation and evaluation of herbal shampoo" submitted by me for the award of degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of by Dr. M. C. Kuchekar and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2-6-23

Place: Nigdi, Pune.

Mr. Siddhant F. Gaikwad

- Broggestone

Mr. Milind G. Dyagatwar

160 mg

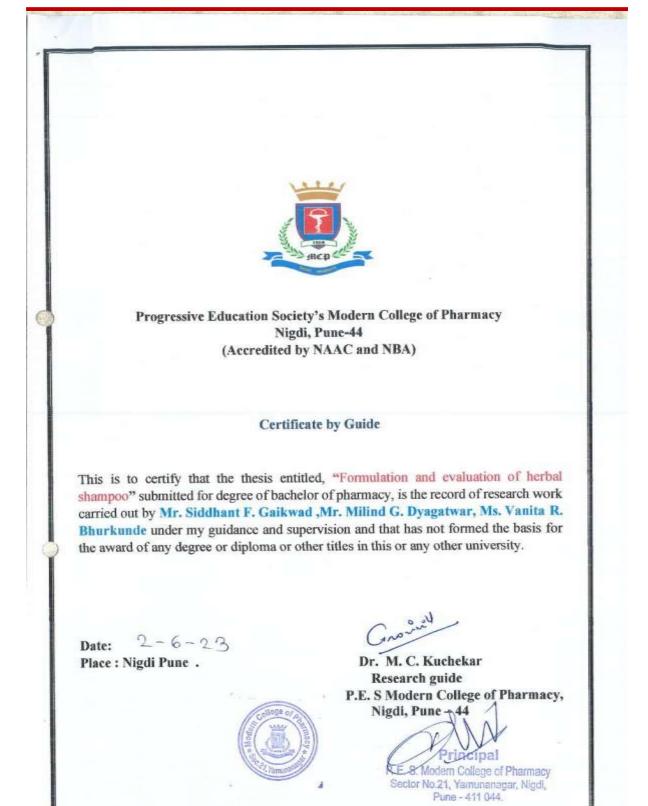
Ms. Vanita R. Bhurkunde

(Final year B. Pharm)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

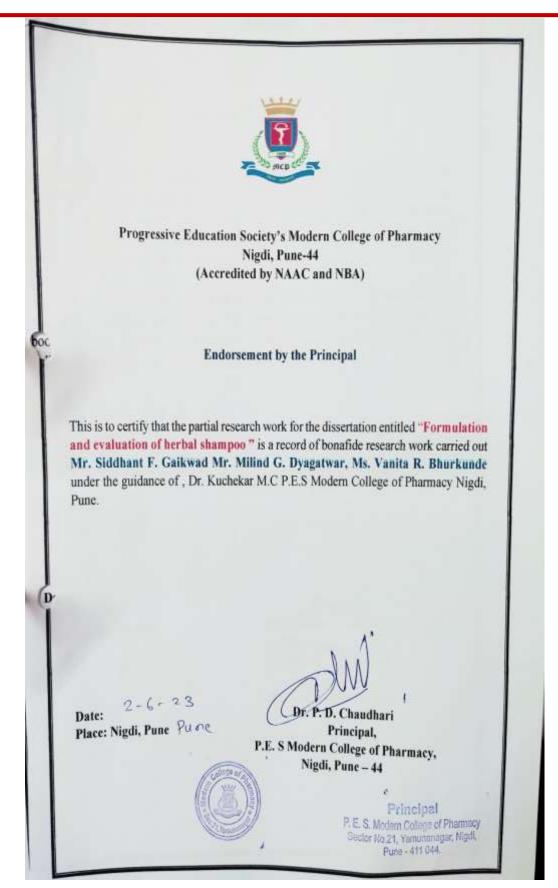
















ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacy for providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Dr. M.C. Kuchekar for extending his valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

Date: 2-6-23

Place: Nigdi, Pune-44

Mr. Siddhant F. Gaikwad

Mr. Milind G. Dyagatwar

Ms. Vanita R. Bhurkunde

(Final year B. Pharm)

P. P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"FORMULATION AND EVALUATION OF HREBAL LOTION"

Project report submitted to

The Faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Mr.Vikas Gangadhar Kurulekar B. Pharm (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. P. D. Chaudhari (M. pharm Ph. D)

Department of Pharmaceutics

Dr. Mohini Kuchekar(M. pharm Ph. D)

Department of Pharmacognosy



Progressive Education Society's

Modern College of Pharmacy, Nigdi, Pune-44

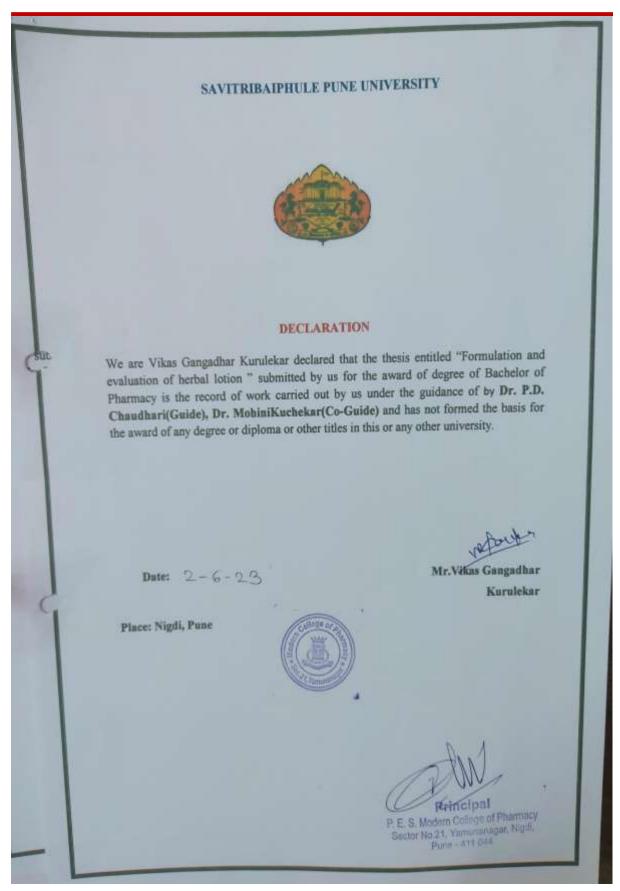
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College of College

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "Formulation and evaluation of herbal lotion" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Vikas Gangadhar Kurulekar under my guidance and supervision and that has not formed the basis for the award of any degreeor diploma or other titles in this or any other university.

Date: 2-6-23

Place: Nigdi Pune

Dr. P. D. Chaudhari (Principal)

P.E. S Modern College of Pharmacy, Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and evaluation of herbal lotion a record of bonafide research work carried out Mr.Vikas Gangadhar Kurulekar under the guidance of Dr.P.D Chaudhari(Guide), Dr. MohiniKuchekar(Co-Guide) P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 2-6-23

Place: Nigdi, PUNE

P./D. Chaudhari Principal,

P.E. S Modern College of Pharmacy, Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Principal P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Chemical fingerprinting and antimicrobial activity of selected medicinal herb and its ayurvedic formulation"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Anuj Gaikwad

Guruprasad Chavan

(B. Pharm)

UNDER THE GUIDANCE OF

Dr. Kalyani S. Kakad

(M.Pharm PhD)

DEPARTMENT OF PHARMACOGNOSY

Progressive Education Society's Modern College of Pharmacy,

Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Anuj Gaikwad and Guruprasad Chavan declare that the thesis entitled "Chemical fingerprinting and antimicrobial activity of selected medicinal herb and its ayurvedic formulation"submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Dr. Kalyani S. Kakad and has not formed the basis for the award of any degree or diploma or other titles in this or any other university

DATE: 10-6-23

Mr. Anuj Gaikwad

Mr. Guruprasad Chavan Show

PLACE: Nigdi

No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. Kalyani S. kakad

Associate Professor

Department of Pharmacognosy

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Chemical fingerprinting and antimicrobial activity of selected medicinal herbs and its ayurvedic formulation" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Anuj Gaikwad and Mr. Guruprasad Chavan under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10 -6-03

Place: Nigdi .

Dr. Kalyani S. Kakad

(Associate Professor)

P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E.S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Mr. Anuj Gaikwad and Mr. Guruprasad Chavan "Chemical fingerprinting and antimicrobial activity of selected medicinal herb and its ayurvedic formulation" and under the guidance of Dr. Kalyani S. Kakad at PES,s Modern College of Pharmacy Nigdi, Pune 44

Date: 10 -6-23

Place: Nigdi

Dr.P. D.Chaudhari

(Principal)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





ACKNOWLEDGEMENT:

The Almighty has been bestowing us with his blessing throughout our life. We thank from bottom of our heart for all that he has done for us and our friends. We are his disciples. Words are few to express the feeling of thanks and gratitude to the following persons.

We would like to grab the opportunity to thank our research guide Dr. Kalyani S. Kakad, Department of Pharmacognosy, Modern College of Pharmacy, Nigdi, Pune for her immense support for the project. Mam you have been a great support for us, enlightening my path of education and knowledge. Thanks for your unparallel and excellent guidance continuous encouragement for our project.

With a deep sense of gratitude and respect, we sincerely thank our esteemed principal Dr.P.D.Chaudhari sir, M.Pharm ,Dean, Faculty of Pharmaceutical Sciences, University of Pune, for his inestimable support, valuable suggestions and constant encouragement during the course of this study. Continuous help, friendly affection, and constant source of inspiration during my project work.

We sincerely acknowledge the timely help rendered to us by all my colleagues during the course of my work.

> P. F. S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





We sincerely thank the librarian Mrs. Yadav Madam and Mr. Rajendra Chaudhari Sir. for providing us library facilitates and their untiring and really appreciable help in our project.

We are completely short of words in describing the everlasting love and encouragement of our mother and father for their sincere inspiration throughout our research work and lifting us uphill in this phase of our life, we owed everything to them. Besides this, several people have knowingly and unknowingly helped us in the successful completion of the project. It was the blessing of all of them that gave us courage to face the challenges and make our path easier.



P.Z.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"A review on Therapeutic potentials of Bergenia Ligulata wall"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Hrushikesh Ladkat

(B. Pharm)

UNDER THE GUIDANCE OF

Dr. Kalyani S. Kakad

(M.Pharm PhD)

DEPARTMENT OF PHARMACOGNOSY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





Principal

Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Hrushikesh Ladkat declare that the thesis entitled "A Review on therapeutic potentials of Bergenia ligulate wall" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Kalyani S. Kakad and has not formed the basis for the award of any degree or diploma or other titles in this or any other university

DATE: 10 6 23

Mr. Hrushikesh Ladkat

Hadkat:

PLACE: Nigdi

College or A

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. Kalyani S. kakad

Associate Professor

Department of Pharmacognosy

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "A review on Therapeutic potentials of Bergenia ligulate wall" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Hrushikesh Ladkat under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10 |6 | 23

Place: Nigdi

Dr. Kalyani S. Kakad

(Associate Professor)







PES's Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E.S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Mr. Hrushikesh Ladkat "A review on therapeutic potentials of Bergenia ligulate wall" and under the guidance of Dr. Kalyani S. Kakad at PES,s Modern College of Pharmacy Nigdi, Pune 44

Date: 10 | 6 | 23

Place: Nigdi

Dr.P. D. Chaudhari

(Principal)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Thesis submitted to
THE FACULTY OF
SCIENCE AND TECHNOLOGY
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MR. ABHISHEK A. MORE

(B. Pharm)

In partial fulfillment of,
The requirements for the degree of
Bachelor of Pharmacy

Under the Guidance of DR. VITTHAL V. CHOPADE

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)

E. S. Modern College of Pharm

Pune - 411 044





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. ABHISHEK A. MORE declare that the thesis entitled "FORMULATION AND EVALUATION OF LOZENGES FROM CITRON FRUITS" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. VITTHAL V. CHOPADE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 2-6-23 Place: Nigdi, Pune

MR. ABHISHEK A. MORE







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC and NBA)

DR. VITTHAL V. CHOPADE

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF LOZENGES FROM CITRON FRUITS" submitted for degree of Bachelor of Pharmacy (Pharmacognosy) is the record of research work carried out by MR. ABHISHEK A. MORE under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23 Place: Nigdi, Pune

Dr. Vitthal V. Chopade Research Guide

R.E. 8. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC and NBA)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "FORMULATION AND EVALUATION OF LOZENGES FROM CITRON FRUITS" For BACHELOR OF PHARMACY (PHARMACOGNOSY) is a record of bonafide research work carried out by MR. ABHISHEK A. MORE under the guidance of DR. VITTHAL V. CHOPADE at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 during the academic year 2022-2023.

Date: 2/6/23

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Formulation and Evaluation of Syrup from Citron fruits"

Thesis submitted to THE FACULTY OF SCIENCE AND TECHNOLOGY SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MR. PUSHKAR B. KARANDE PATIL

(B. Pharm) In partial fulfillment of, The requirements for the degree of **Bachelor of Pharmacy**

Under the Guidance of DR. VITTHAL V. CHOPADE

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)

C.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. PUSHKAR B. KARANDE PATIL declare that the thesis entitled "FORMULATION AND EVALUATION OF SYRUP FROM CITRON FRUITS" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. VITTHAL V. CHOPADE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 14/06/2023 MR. PUSHKAR B. KARANDE PATIL

Place: Nigdi, Pune

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC and NBA)

DR. VITTHAL V. CHOPADE

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "FORMULATION AND EVALUATION OF SYRUP FROM CITRON FRUITS" submitted for degree of Bachelor of Pharmacy (Pharmacognosy) is the record of research work carried out by MR. PUSHKAR B. KARANDE PATIL under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/0612023

Place: Nigdi, Pune

Dr. Vitthal V. Chopade Research Guide

Principal
E 8 Modern College of Pharmacy
Sector No. 21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC and NBA)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled,
"FORMULATION AND EVALUATION OF SYRUP
FROM CITRON FRUITS" For BACHELOR OF
PHARMACY (PHARMACOGNOSY) is a record of bonafide
research work carried out by MR. PUSHKAR B. KARANDE
PATIL under the guidance of DR. VITTHAL V. CHOPADE
at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 during
the academic year 2022-2023.

Date: 14/06/2023

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





" Pharmacognosy Study of Citron Fruits"

Thesis submitted to
THE FACULTY OF
SCIENCE AND TECHNOLOGY
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

MR. Jayesh R. Jaiswal

(B. Pharm)

In partial fulfillment of,
The requirements for the degree of
Bachelor of Pharmacy

Under the Guidance of DR. VITTHAL V. CHOPADE

Associate Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OFPHARMACY, NIGDI, PUNE-44

(2022-23)



Principal
P.E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am MR. JAYESH R. JAISWAL declare that the thesis entitled "Pharmacognosy Study of Citron Fruits" submitted by me for degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of DR. VITTHAL V. CHOPADE has not formed the basis for the award of any degree or diploma or other titles in this or any other university/organization

Date: 16-6-23

Place: Nigdi, Pune

MR. Jayesh R. Jaiswal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NAAC and NBA)

DR. VITTHAL V. CHOPADE

Associate Professor, Department of Pharmaceutical Chemistry, PES's, Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled, "Pharmacognosy Study of Citron Fruits" submitted for degree of Bachelor of Pharmacy (Pharmacognosy) is the record of research work carried out by MR. JAYESH R. JAISWAL under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10 -6-23

Place: Nigdi, Pune

Dr. Vitthal V. Chopade Research Guide







PES's, MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NAAC and NBA)

DR. P. D. CHAUDHARI

Principal,
PES's, Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Pharmacognosy Study of Citron Fruits" For BACHELOR OF PHARMACY (PHARMACOGNOSY) is a record of bonafide research work carried out by MR. JAYESH R. JAISWAL under the guidance of DR. VITTHAL V. CHOPADE at P.E.S. Modern College of Pharmacy, Nigdi, Pune-44 during the academic year 2022-2023.

Date: 10-6-23 Place: Nigdi, Pune D D

Dr. P. D. Chaudhari Principal

Principal
P. E. S. Modern College of Pharma
No. 24 Yearunagagar, Nigo

Pulle - 411 VIII





"Formulation and evaluation of polyphenolic tablets"

Thesis submitted to

The Faculty of
PHARMACOGNOSY DEPARTMENT
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Rutuja Vitthal Deshmukh (B. Pharm)
In partial fulfillment of the requirements for the degree

of

Bachelor of Pharmacy

Under the Guidance of

Dr. Bhushan Pimple(PhD)

Head of

Department

DEPARTMENT OF PHARMACOGNOSY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023) (Accredited by NAAC and NBA)





P. Shiodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Rutuja Deshmukh declared that the thesis entitled "formulation and evaluation of polyphenolic tablets" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of **Dr. BHUSHAN PIMPLE** and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 8/6 2023

MS. Rutuja Deshmukh

Place: Nigdi, Pune



Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044

Back to Index

Sector No. 94, Yamunanagar, Nigdi, Pune - 411 044.



(





PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA) Dr.BHUSHAN PIMPLE

Head Of Department
Department of Pharmacognosy
PES'S Modern College of Pharmacy
Nigdi, Pune-44

Certificate by the Guide

This is to certify that the thesis entitled, "formulation and evaluation of polyphenolic tablets" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Rutuja Deshmukh under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 8/6/2023

Place: Nigdi, PUNE

Dr. Bhushan Pimple

(Pharmacognosy)









PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal
P.E.S Modern College of Pharmacy
Nigdi, Pune – 44
Ex-Deans, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "formulation and evaluation of polyphenolic tablets" is a record of bonafide research work carried out by Mr.Rutuja Deshmukh under the guidance of Dr.Bhushan Pimple at P.E.S Modern College of PharmacyNigdi, Pune.

Date: 8/6/2023
Place: Nigdi, PUNE

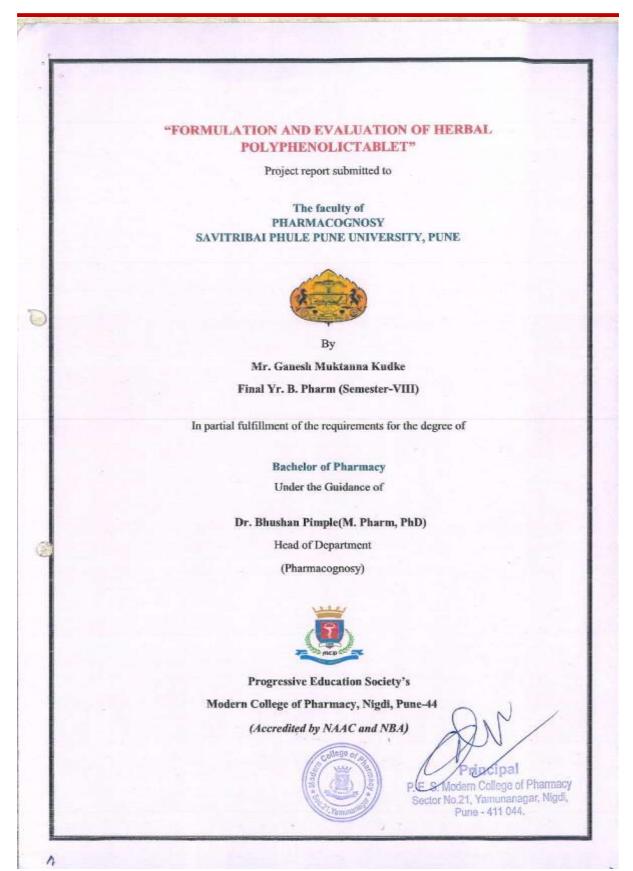
Dr. P. D. Chaudhari Principal

Mege of Pharmacy

for No.21, Yamunanagar, Nigdi, Pune - 411 044.

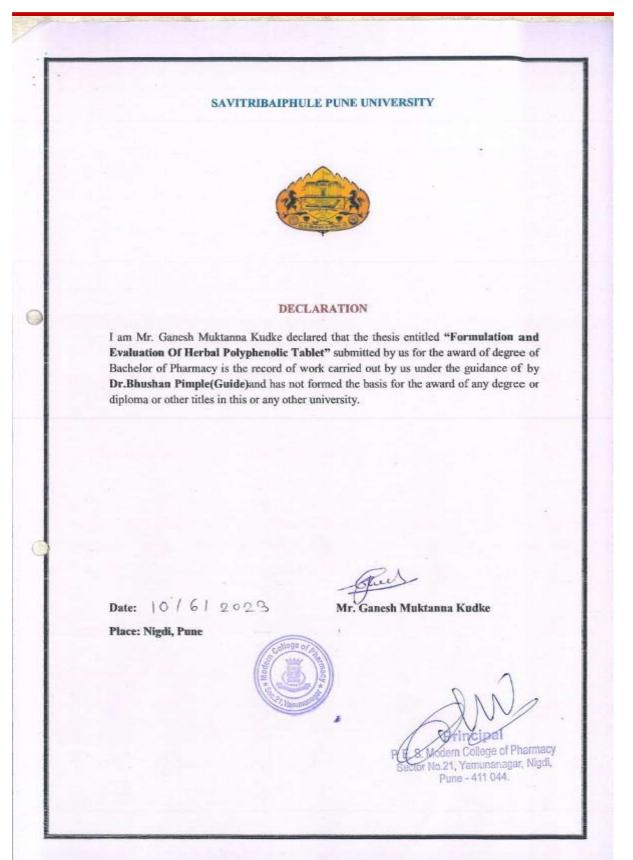






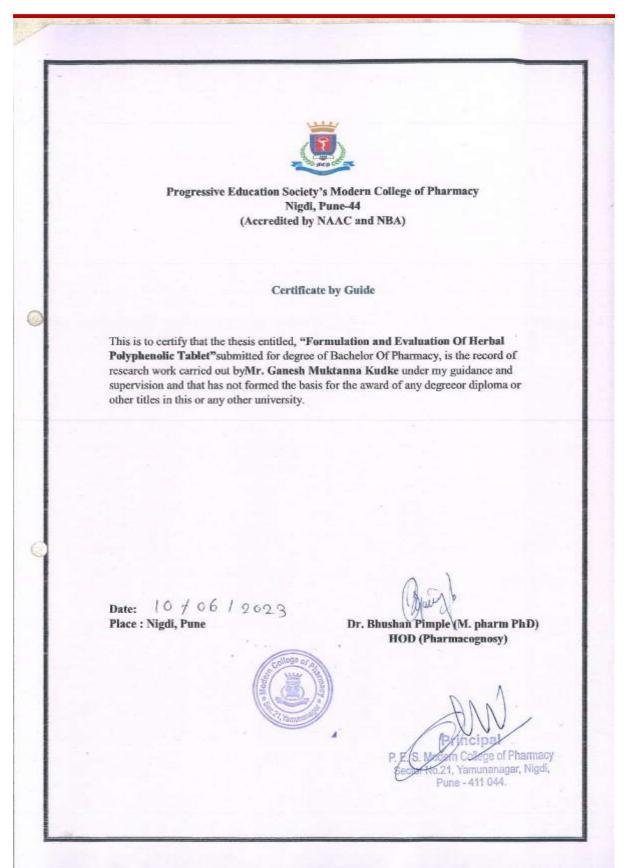






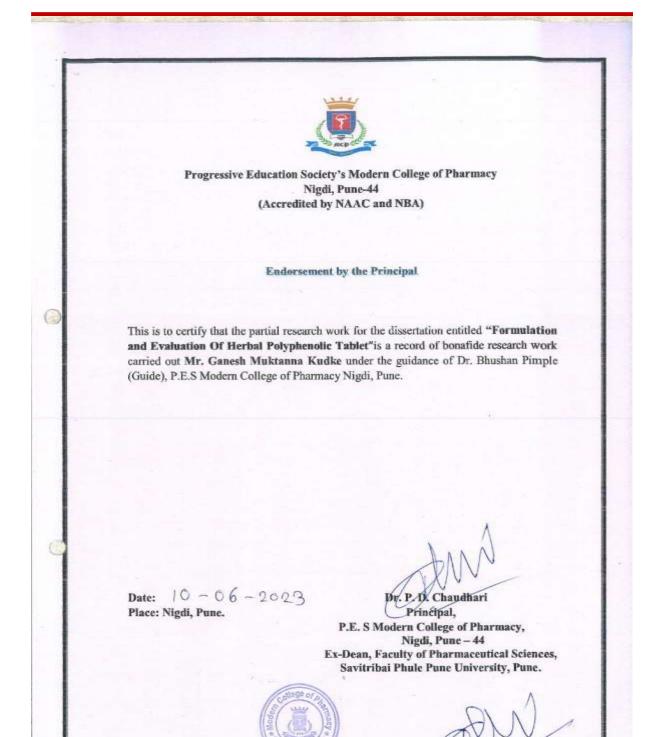












No.21, 4smunanagar, Nigdi, Pune - 411 044.





ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacyfor providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof.Dr. Bhushan Pimplefor extending his valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

Date: 10-6-2023

Place: Nigdi, Pune

Mr. Ganesh Muktanna Kudke (Final year B. Pharm)

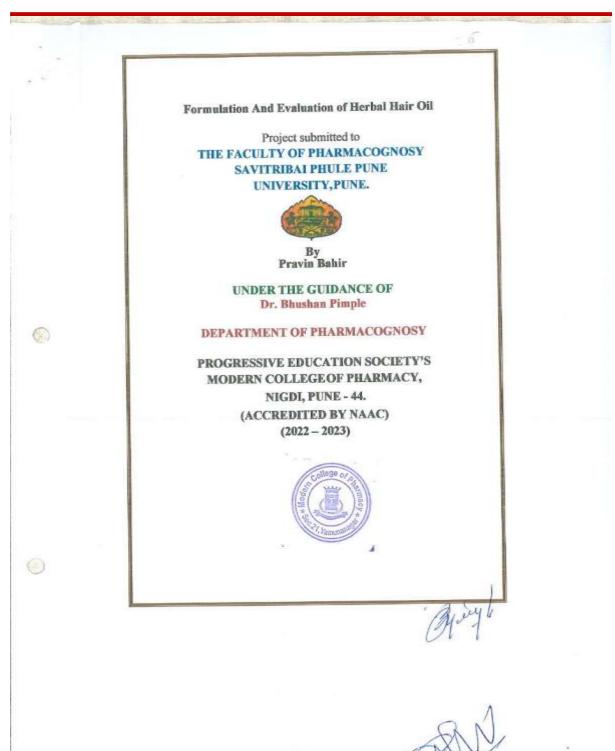
Ruckes

lege of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044

A.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Pravin Bahir declare that the thesis entitled, "formulation and evaluation of herbal hair oil", submitted by me for degree of 'Bachelor of Pharmacy' is the record of work carried out by me under the guidance of Dr. Bhushan Pimple and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 2-6-23

Place: Pune

Pravin Bahir







P. E. Society's

MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation And Evaluation of Herbal Hair Oil", submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 2-6-23

Dr.Bhushan Pimpl

Place: Pline

0

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's

MODERN COLLEGE OF PHARMACY

Nigdi, Pune-44.



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation And Evaluation of Herbal Hair Oil" is a record of bonafide research work carried out by Pravin Bahir under the guidance of Dr. Bhushan Pimple at Modern College of Pharmacy, Nigdi, Pune-411044.

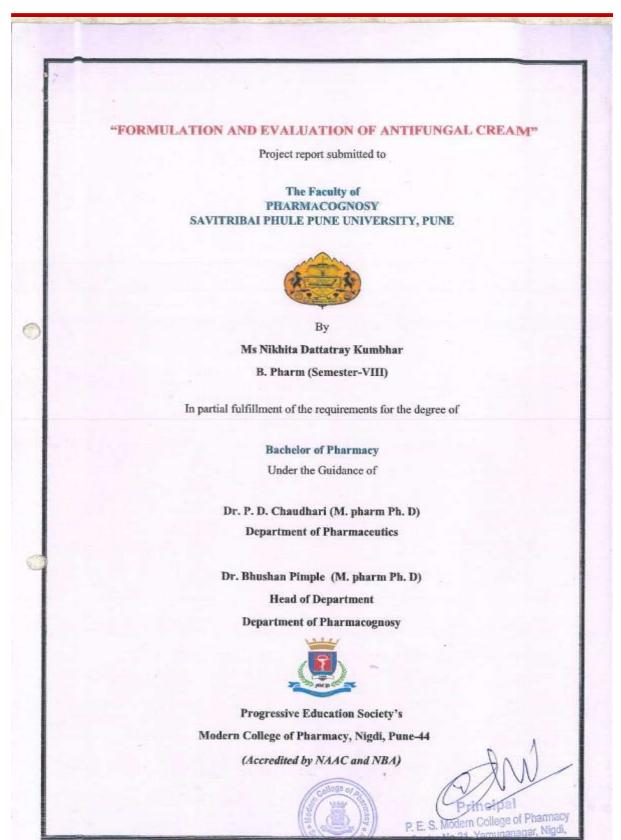
Date: 2-6-2

Dr. P.D. Chaudhari (Principal)

> P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.















DECLARATION

I am Ms. Nikhita Dattatray Kumbhar declared that the thesis entitled "Formulation and evaluation of herbal antifungal cream" submitted by me for the award of degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of by Dr. P.D. Chaudhari (Guide), Dr. Bhushan Pimple (Co-Guide) and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10-6-23

Place: Nigdi, Pune

Chambhar,

Ms. Nikhita Kumbhar

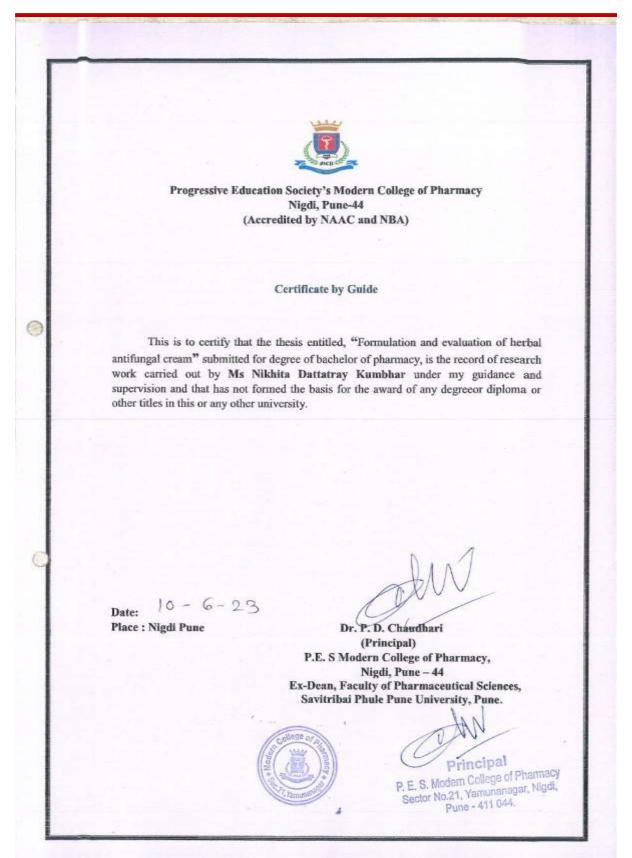
Noon to the state of the state

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and evaluation of herbal antifungal cream "is a record of bonafide research work carried out Ms.Nikhita Dattatray Kumbhar under the guidance of Dr.P.D Chaudhari(Guide), Dr Bhushan Pimple(Co-Guide) P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 10-6-23

Place: Nigdi, Pune

Dr. P. D. Chaudhari Principal,

P.E. S Modern College of Pharmacy,

Nigdi, Pune – 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

Savitribai Phule Pune University, Pune.

E. S. Modern Cerege of Pharmacy cor No.21, Yamunanagar, Nigdi, Pune - 411 044.





ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacyfor providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof.Mr. Bhushan Pimplefor extending his valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

Place: Nigdi, Pune-44

Date: 10-6-23

Ms. Nikhita Dattatray Kumbhar

(Final year B. Pharm)



P. H. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"DESIGN, SYNTHESIS AND EVALUATION OF Fe₂O₃ NANOPARTICLES"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Aparna Patil

(B. Pharm)

UNDER THE GUIDANCE OF

Mr. Shubham Khade

(M. Pharm)

DEPARTMENT OF PHARMACEUTICAL QUALITY ASSURANCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



P. E. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I APARNA PATIL declare that the thesis entitled "Design, Synthesis and Evaluation of Fe₂O₃ Nanoparticles" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Mr. Shubham Khade and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 14-86-2023

PLACE: Pune

Aparna Patil

Sector 40.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Mr. Shubham Khade

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Design, Synthesis and Evaluation of Fe₂O₃ Nanoparticles" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Ms. Aparna Patil under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/06/23

Place: Pune

Mr. Shubham Khade

(Assistant Professor)

No.21, Yamunanagar, Nigdi, Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E.S. Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Ms. Aparna Patil "Design, Synthesis and Evaluation of Fe₂O₃ Nanoparticles" and under the guidance of Mr. Shubham Khade at P.E.S Modern College of Pharmacy Nigdi, Pune

Date: 14/06/23

Place: pune

Dr. P. D. Chaudhari (Principal)

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





"SYNTHESIS AND CHARACTERIZATION OF MAGNETIC NANOPARTICLES"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Balu Kailas Palekar

(B. Pharm)

UNDER THE GUIDANCE OF

Mr. Shubham Khade

(M. Pharm)

DEPARTMENT OF PHARMACEUTICAL QUALITY
ASSURANCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



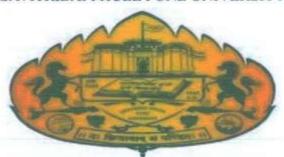




PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I BALU KAILAS PALEKAR declare that the thesis entitled "Synthesis and characterization of magnetic nanoparticles" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Mr. Shubham Khade and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 2-6-23

PLACE: pune

Collegie of A grand and a gran

Balu Palekar

Principal

S Modern College of Pharmacy
stor No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Mr. Shubham Khade

Assistant Professor

Department of Pharmaceutical Quality Assurance

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Synthesis and characterization of magnetic nanoparticles" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Mr. Balu Palekar under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23

Place: pune

Mr. Shubham Khade

Whoolst

(Assistant Professor)

Sector No 2

College of Pharmacy 1, Yamunanegar, Nigdi,







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Mr. Balu Palekar "Synthesis and characterization of magnetic nanoparticles" and under the guidance of Mr. Shubham Khade at P.E.S Modern College of Pharmacy Nigdi, Pune

, , ,

Date: 216123

Place: pune

Dy. P. D. Chaudhari (Principal)

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





"SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES WITH APPLICATIONS"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Niranjan Gulabsing Rajput

(B. Pharm)

UNDER THE GUIDANCE OF

Mr. Shubham Khade

(M. Pharm)

DEPARTMENT OF PHARMACEUTICAL QUALITY
ASSURANCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I NIRANJAN GULABSING RAJPUT declare that the thesis entitle "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES

WITH APPLICATIONS" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Mr. Shubham Khade and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 12/06/2023

PLACE: Nigeli

Niranjan Rajput

P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Mr. Shubham Khade

Assistant Professor

Department of Pharmaceutical Quality Assurance

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES WITH APPLICATIONS" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Mr. Niranjan Rajput under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 12/06/2023

Place: Nigdi

Mr. Shubham Khade (Assistant Professor)









P.E.S Modern College of Pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy
Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences
Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled is a record of bonafide research work carried out by Mr. Niranjan Rajput "SYNTHESIS AND EVALUATION OF IRON OXIDE NANOPARTICLES WITH APPLICATIONS" and under the guidance of Mr. Shubham Khade at P.E.S Modern College of Pharmacy Nigdi, Pune

Date: 12/06/2023

Place: Nigdi

Dr. P. D. Chaudhari

Principal)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"ECO-FRIENDLY METHOD DEVELOPMENT AND VALIDATION BY UV-VISIBLE SPECTROSCOPY"

Project report submitted to
The Faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Rane Tejashree Satish, Mr. Shinde Samarth Dattatraya and Mr. Wakale Akash Vaynkati. (B. Pharm) (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Mrs. Sheetal Chaudhari

Department of Pharmaceutical Chemistry



Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



Ninetpal
School College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Rane Tejashree Satish, Mr. Shinde Samarth Dattatraya and Mr. Wakale Akash Vyankati, declared that the thesis entitled "ECO-FRIENDLY METHOD DEVELOPMENT AND VALIDATION BY UV-VISIBLE SPECTROSCOPY OF CHLORTHALIDONE" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by Mrs. Sheetal Chaudhari and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02/06/2023

Place: Nigdi, Pune

Ms. Rane Tejashree Satish.

Mr. Shinde Samarth Dattatraya.

Mr. Wakale Akash Vyankati. Aakash

P.E.S. Moder College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "ECO-FRIENDLY METHOD DEVELOPMENT AND VALIDATION BY UV-VISIBLE SPECTROSCOPY OF CHLORTHALIDONE" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Rane Tejashree Satish, Mr. Shinde Samarth Dattatraya and Mr. Wakale Akash Vyankati under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02/06/2023

Place: Nigdi Pune

Mrs. Sheetal Chaudhari.

Dept. of Pharmaceutical Chemistry

College of a

Principal

D. S. Medern College of Phermacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "ECO-FRIENDLY METHOD DEVELOPMENT AND VALIDATION BY UV-VISIBLE SPECTROSCOPY OF CHLORTHALIDONE" is a record of bonafide research work carried out by Ms. Rane Tejashree Satish, Mr. Shinde Samarth Dattatraya and Mr. Wakale Akash Vyankati under the guidance of Mrs. Sheetal Chaudhari at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 02/06/2023

Place: Nigdi, Pune-44

Dr. P. D. Chaudhari Principal

P.E. S Modern College of Pharmacy, Nigdi, Pune - 44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

ollege of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Puns - 411 044.





"DESIGN, SYNTHESIS AND MOLECULAR DOCKING OF SOME TACRINE DERIVATIVES AS ACETYLCHOLINE ESTERASE INHIBITORS"

Project Report submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By
MS. NAIK SHREENIDHI GURUDAS
MS. SHETE PRIYA KISAN
MR. TAPKIR ROHIT GANESH

In partial fulfillment of The requirements for the degree of

BACHELOR OF PHARMACY

Under the Guidance of MRS. RUPALI R. JINTURKAR

(M. Pharm)

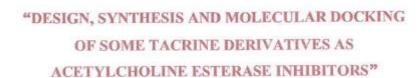
Assistant Professor Department of Pharmaceutical Chemistry

PROGRESSIVE EDUCATION SOCIETY'S
MODERN COLLEGE OF PHARMACY, NIGDI, PUNE
(2022-23)

P. E. S. Modern College of Pharma Sector No.21, Yamunanagar, Nigr







Project Report submitted to
THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE



By

MS. NAIK SHREENIDHI GURUDAS MS. SHETE PRIYA KISAN MR. TAPKIR ROHIT GANESH

> In partial fulfillment, of The requirements for the degree of

BACHELOR OF PHARMACY

(Semester - VIII)

UNDER THE GUIDENCE OF

MRS. RUPALI R. JINTURKAR

(M. Pharm)

Assistant Professor

(Dept. of Pharmaceutical Chemistry)

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE - 44

(Accredited by NAAC and NBA)

Pune - 411 044.





(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE **PUNE UNIVERSITY**)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We, Ms. Naik Shreenidhi Gurudas , Ms. Shete Priya Kisan and Mr. Tapkir Rohit Ganesh declare that the project report entitled , "DESIGN, SYNTHESIS AND MOLECULAR DOCKING OF SOME TACRINE DERIVATIVES AS ACETYLCHOLINE ESTERASE INHIBITORS" submitted by us for the Degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of MRS. RUPALI R. JINTURKAR has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10-6-23

Ms. Naik Shreenidhi Gurudas

Place: Nigdi, Pune Ms. Shete Priya Kisan

Mr. Tapkir Rohit Ganesh







MRS. RUPALI R. JINTURKAR

Asst. Professor (Pharmaceutical Chemistry) P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (Accredited by NAAC and NBA)

CERTIFICATE BY GUIDE

This is to certify that the project report entitled, "Design, Synthesis and Molecular docking of some Tacrine derivatives as Acetylcholine Esterase inhibitors" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by Ms. Naik Shreenidhi Gurudas, Ms. Shete Priya Kisan and Mr. Tapkir Rohit Ganesh under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 10 -6-23

Place: Nigdi, Pune

Mrs. Rupali R. Jinturkar Dept. of Pharmaceutical Chemistry

Pune - 411 044



0



Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (Accredited by NAAC and NBA)

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the project report entitled, "Design, Synthesis and Molecular docking of some Tacrine derivatives as Acetylcholine Esterase inhibitors" is a record of bonafide research work carried out by Ms. Naik Shreenidhi Gurudas, Ms. Shete Priya Kisan and Mr. Tapkir Rohit Ganesh under the guidance of Mrs. Rupali R. Jinturkar at Modern College of Pharmacy, Nigdi, and Pune-411044.

Date: 10-6-23

Place: Nigdi, Pune

Dr. P. D. Chaudhari

Principal

Principal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



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(1)



ACKNOWLEDGEMENT

We are thankful to Dr. P. D. Chaudhari, Principal of PES Modern College of Pharmacy for providing excellent library and internet facilities. We take this opportunity to express our sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Mrs. Rupali R. Jinturkar for extending her valuable guidance, instructions and timely support without which this project would not have assumed its shape.

We would like to thank Assistant Librarian of Modern College of Pharmacy and other non-teaching staff members for extending their support in providing all kinds of reference books whenever possible. We are grateful to all teaching and non-teaching staff of the college for their kind co-operation extended from time to time.

We express our deep sense of gratitude towards our parents for their constant support and valuable help throughout this work.

Date: 10-6-23

Ms. Naik Shreenidhi Gurudas

Place: Nigdi, Pune Ms. Shete Priya Kisan

Mr. Tapkir Rohit Ganesh

(Final year B. Pharm)





"Formulation and Evaluation of Gunja Cream"

Thesis submitted to

The Faculty of

PHARMACEUTICAL SCIENCE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Dhanashree Nitin Yadav

Ms. Smita Gaikwad

Mr. Niraj Sonawane

(B. Pharm)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Ms. Nikita Kale

M. Pharm

Assistant Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-23)

(Accredited by NAAC and NBA)



P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Dhanashree Nitin Yadav, Ms.Smita Gaikwad, Mr. Niraj Sonawane declared that the thesis entitled "Formulation and Evaluation of Gunja Cream" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Ms. Nikita Kale and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date

14-06-2023

Place: Nigdi, Pune

Ms. Dhanashree Nitin yadav

Ms. Smita Gaikwad (A) aikusa

Mr. Niraj Sonawane



P. E. Arodern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

2







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the thesis entitled, "Formulation and Evaluation of Gunja Cream" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Dhanashree Nitin Yadav, Ms. Smita Gaikwad, Mr. Niraj Sonavane under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2 6 23

Place: Nigdi, Pune



Ms. Nikita Kale

(M. Pharm, Assistant Prof.)

Department of Pharmaceutical Chemistry

P.E. S Modern College of Pharmacy

Nigdi, Pune - 44



P. E. S. Madem College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

3







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and Evaluation of Gunja Cream" is a record of bonafide research work carried out by Ms. Dhanashree Nitin Yadav, Ms. Smita Gaikwad, Mr.Niraj Sonawane under the guidance of Ms. Nikita Kale at P.E.S Modern College Pharmacy Nigdi, Pune.

Date: 2/6123

Place: Nigdi, Pune

Principal, P.E. S Modern College of Pharmacy Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

> Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Formulation and Evaluations of Polyherbal Chewable Tablet"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERCITY, PUNE



Submitted by

Kadambari Shinde

Varsha Shinde

(B.Pharm)

UNDER THE GUIDANCE OF

Ms. Anita Malusare

(B. Pharm)

Assistant Professor

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



P. E. S. Modern College of Pharma

Sector No.21, Yamunanagar, Nigi Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Ms. Kadambari Shinde, MS. Varsha Shinde. declare that the thesis entitled "Formulation and Evaluations of Polyherbal Chewable Tablet" submitted by us for the degree of Bachelor of Pharmacy is the record work carried out by us under the guidance of Ms. Anita Malusure and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 14 06 23

PLACE: Nigdin Pune



Kadambari Shinde

Varsha Shinde Singho

P. E.S. Modern Cottege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Ms. Anita Malusare

Assistant Professor

Department of Pharmaceutical Chemistry

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and Evaluations of Polyherbal Chewable Tablet" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Kadambari Shinde, MS. Varsha Shinde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14 |06 | 25

Place: Nigdi, Pane

College of Joseph Market

Ms. Anita Malusare

(Assistant Professor)

P. E. Modern Cellege of Pharmacy Sector No.21, Yamuneneger, Nigdi, Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and Evaluations of Polyherbal Chewable Tablet" is a record of bonafide research work carried out by by Ms. Kadambari Shinde, Ms. Varsha Shinde under the guidance of Ms. Anita Malusare at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14/66/23
Place: Nigdir Pune

Dr. P. D. Chaudhari (Principal)

> Modern College of Pharmacy No.21, Yamunanagar, Nigdi, Pune - 411 044.





ACKNOWLEDGEMENT:

The Almighty has been bestowing us with his blessing throughout our life. I thank from bottom of my heart for all that he has done for me and my friends. We are his disciples. Words are few to express the feeling of thanks and gratitude to the following persons.

I would like to grab the opportunity to thank my research guide Ms. Anita Malusare, Department of Pharmaceutical Chemistry Modern College of Pharmacy, Nigdi, Pune for her immense support for the project. Mam you have been a great support for me, enlightening my path of education and knowledge. Thanks for your unparallel and excellent guidance continuous encouragement for my project.

With a deep sense of gratitude and respect, I sincerely thank our esteemed principal Dr. P.D. Chaudhari sir, M.Pharm, Dean, Faculty of Pharmaceutical Sciences, University of Pune, for his inestimable support, valuable suggestions and constantencouragement during the course of this study. Continuous help, friendly affection, and constant source of inspiration during my project work.

I sincerely acknowledge the timely helprendered to me by all my colleagues during the course of my work.

College of a

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





I sincerely thank the librarian Mrs. Yadav Madam and Mr. Rajendra Chaudhari Sir. for providing me library facilitates and their untiring and really appreciable help in my project.

I am completely short of words in describing the everlasting love and encouragement of my mother and father for their sincere inspiration throughout my research work and lifting me uphill in this phase of my life, I owe everything to them. Besides this, several people have knowingly and unknowingly helped me in the successful completion of the project. It was the blessing of all of them that gave me courage to face the challenges and make my path easier.



Principal

S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





"RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF FELBINAC"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERCITY, PUNE



Submitted by

Ms.Anjali Wasule

(B.Pharm)

UNDER THE GUIDANCE OF

Ms. Anita Malusare

(M.Pharm)

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)











SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ms. Anjali Wasule declare that the thesis entitled "RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF FELBINAC" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Ms. Anita Malusare and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 14 106/ 23

PLACE: Nigdi.

Anjali wasule

.21, Yamunanagar, Nigdi,







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Ms. Anita Malusare

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "RP-HPLC Method development and validation for determination of Felbinac" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Anjali Wasule under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/06/23

Place: Nigd?

College of a state of the state

Ms. Anita Malusare

(Assistant Professor)

WX NV

P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "RP-HPLC Method development and validation for determination of Felbinac" is a record of bonafide research work carried out by MS. Anjali Wasule under the guidance of Ms. Anita Malusare at P.E.S Modern College of PharmacyNigdi, Pune

Date: 14/06/23

Place: pune

Dr. P. D. Chaudhari

(Principal)

P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF FELBINAC"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERCITY, PUNE



Submitted by

Akansha Telang

Nagesh Shirfule

Ashish Sakhare

(B.Pharm)

UNDER THE GUIDANCE OF

Ms. Arti Shingan

(M.Pharm)

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





Principal
PE.S. Modem College of Pharmac
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Ms. Akansha Telang, Mr. Nagesh Shirfule, Mr. Ashish Sakhare declare that the thesis entitled "RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR DETERMINATION OF FELBINAC" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Ms. Arti Shingan and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 1416123

PLACE: Nigdi

College of a state of the state

AkanshTelang A

Nagesh Shirfule

Ashish Sakhare

S. Modern College of Pharmacy for No. 21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Ms. Arti Shingan

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled RP-HPLC Method development and validation for determination of felbinac"submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms.Akansha Telang, Mr.Nagesh Shirfule,Mr. Ashish Sakhare under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14-56-22

College of the colleg

Ms. Arti Shingah

P.E.S. Modern College of Pharmacy Sector No. 21, Yamunanagar, Nigdi,

Pune - 411 844





Place:

(Assistant Professor)



P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "RP-HPLC method development and validation for determination of felbinac" is a record of bonafide research work carried out by Ms.Akansha Telang, Mr.Nagesh Shirfule, Mr. Ashish Sakhare under the guidance of Ms. Arti Shingan at P.E.S Modern College of PharmacyNigdi, Pune

Date: 14-06-23

Place: pulso

P. D. Chaudhari (Principal)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



Criteria 1: Curricular Aspects





Project report submitted to
The Faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Zanwar Mansi Navalkishor Ms. Shinde Utkarsha Namdevrao Ms. More Mayuri Mangilal (B. Pharm) (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Mrs. Vasudha Bavadekar

Department of Pharmaceutical Chemistry



Progressive Education Society's

Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Zanwar Mansi Navalkishor, Ms. Shinde Utkarsha Namdevrao, Ms. More Mayuri Mangilal, declared that the project entitled "METHOD DEVELOPMENT AND VALIDATION IN BULK AND PARAMCEUTICAL DOSAGE FORM BY HPTLC" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by Mrs. Vasudha Bavadekar and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02/06/2023

Place: Nigdi, Pune

Ms. Zanwar Mansi Navalkishor. 7890000

Ms. Shinde Utkarsha Namdevrao .

Ms. More Mayuri Mangilal. Mb>

CoMage of Orlands

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the project entitled, "METHOD DEVELOPMENT AND VALIDATION IN BULK AND PARAMCEUTICAL DOSAGE FORM BY HPTLC" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Zanwar Mansi Navalkishor, Ms. Shinde Utkarsha Namdevrao, Ms. More Mayuri Mangilal under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02/06/2023

Place: Nigdi Punc

Mrs. Vasudha Bavadekar

Dept. of Pharmaceutical Chemistry



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



Criteria 1: Curricular Aspects





Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "METHOD DEVELOPMENT AND VALIDATION IN BULK AND PARAMCEUTICAL DOSAGE FORM BY HPTLC" is a record of bonafide research work carried out by Ms. Zanwar Mansi Navalkishor Ms. Shinde Utkarsha Namdevrao Ms. More Mayuri Mangilal under the guidance of Mrs. Vasudha Bavadekar at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date:

Place: Nigdi, PUNE

Dr. P. D. Chaudhari Principal

P.E. S Modern College of Pharmacy, Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

21, Yamunanagar, Nigdi,

Pune - 411 044.



0



"FORMULATION AND EVALUATION OF POLYHERBAL ANTI-INFLAMMATORY ANALGESIC LINIMENT FOR GOUTY ARTHRITIS AND OSTEOARTHRITIS"

Project report submitted to

The faculty of

PHARMACEUTICAL SCIENCE

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Ms. Sonali Nengule and Mr. Kartik Yenkure

(B. Pharm)(sem-VIII)

In partial fulfillment of the requirements for the degree of Bachelor of Pharmacy

Under the Guidance of

Prof. Devendra L. Visokar

(M. Pharm)

Assistant Professor

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



Formulation and Evaluation of polyherbal Anti-inflammatory analgesics liniment for gouty arthritis and osteoarthritis

Sector No.21, Yamunanagar, Nigo Pune - 411 044.



(8)



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. Sonali Nengule declared that the project report entitled "Formulation and evaluation of polyherbal Antiinflammatory analgesics liniment for gouty arthritis and osteoarthritis" submitted by me for the degree of Bachelor of Pharmacy is the record of research work carried out by me under the guidance of Prof. Devendra L. Visokar and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10-06-23

Place: Nigdi, pune

College of College of

Ms. Sonali Nengule

Formulation and Evaluation of polyherbal Anti-inflammatory analgesics linim arthritis and osteoarthritis

> P. E. S. Arodem Coaege of Priarmac Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0



SAVITRIBAI PHULEPUNE UNIVERSITY



DECLARATION

I am Mr. Kartik Yenkure declared that the project report entitled "Formulation and evaluation of polyherbal Antiinflammatory analgesics liniment for gouty arthritis and
osteoarthritis" submitted by me for the degree of Bachelor of
Pharmacy is the record of research work carried out by me under
the guidance of Prof. Devendra L. Visokar and has not formed the
basis for the award of any degree or diploma or other titles in this or
any other university.

Date: 10 - 6 - 23

Place: Nigdi, pune

College of Agentuacy +

Mr. Kartik Yenkure

Formulation and Evaluation of polyherbal Anti-inflammatory analgesics limin arthritis and osteoarthritis

> Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the project report entitled, "Formulation and evaluation of polyherbal Anti-inflammatory analgesics liniment for gouty arthritis and osteoarthritis" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Sonali Nengule and Mr. Kartik Yenkure under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date:

10-06-03

Place: Nigdi, pune

Prof. Devendra L. Visokar (Dept. of pharmaceutics)

Formulation and Evaluation of polyherbal Anti-inflammatory analgesics liminent to arthritis and osteoarthritis

> Sector No.21, Yamunanagar, Nigdi Pune - 411 044







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and evaluation of polyherbal Anti-inflammatory analgesics liniment for gouty arthritis and osteoarthritis" is a record of bonafide research work carried out by Ms. Sonali Nengule and Mr. Kartik Yenkure under the guidance of Prof. Devendra L. Visokar at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 10 -6-23

Place: Nigdi, pune.

Dr. P. D. Chaudhari (Principal)

Formulation and Evaluation of polyherbal Anti-inflammatory analgesics liniment for gout arthritis and osteoarthritis

10 No.21, Yamunanagar, Nigdi, Pune - 411 044.





FORMULATION AND EVALUATION OF POLYHERBAL ANTI-AGING CREAM

Project Report submitted to

The faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Mr. Mahesh Pekamwar

(B. Pharm) (Semester VIII)

In partial fulfillment of the requirements for the degree of Bachelor of Pharmacy

Under the Guidance of

Prof. Devendra L. Visokar

(M. Pharm)

Assistant Professor

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023) (Accredited by NAAC and NBA)





Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. Mahesh Pekamwar declared that the project entitled "Formulation and Evaluation of Polyherbal Anti-aging cream" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Prof. Devendra L. Visokar and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23

Place: Nigdi, Pune

Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the project entitled, "Formulation and Evaluation of Polyherbal Anti-aging cream" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Mahesh Pekamwar under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23 Place: Nigdi, Pune College of District Ammunity

Prof. Devendra L. Visokar (Dept. of Pharmaceutics)

> P. E. S. Monern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and Evaluation of Polyherbal Anti-aging cream" is a record of bonafide research work carried out by Mr. Mahesh Pekamwar under the guidance of Prof. Devendra L. Visokar at P.E.S. Modern College of Pharmacy Nigdi, Pune.

Date: 2/6/23

Place: Nigdi, Pune

College of Amenda

Dr. P. D. Chaudhari (Principal)

PES Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044,



Criteria 1: Curricular Aspects



"Formulation and Evaluation of Polyelectrolyte Complex Nanoparticles for Diabetes"

Project report submitted to
The Faculty of
PHARMACEUTICAL SCIENCES

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Shweta Wagh (B. Pharm) (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. Sangita.A.Kale

Department of Pharmaceutics



Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



Principal

E. Modero College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION



I am Ms. Shweta Wagh declared that the thesis entitled "Formulation and Evaluation of Polyelectrolyte Complex Nanoparticles for Diabetes" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of by Dr. Sangita.A.Kale and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.



Date: 3/6/23

Place: Nigdi, Pune



Ms. Shweta Wagh

E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.



Criteria 1: Curricular Aspects





Progressive Education Society's Modern College of Pharmacy Nigdi,
Pune-44
(Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "Formulation and Evaluation of Polyelectrolyte Complex Nanoparticles for Diabetes" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Shweta Wagh under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 03 106 | 23

Place: Nigdi Pune



Dr. Sangita.A.Kale
(Department of Pharmaceutics)

8. Modern College of Pharmacy for No.21, Yamunanagar, Nigdi, Pune -411 044.









Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and Evaluation of Polyelectrolyte Complex Nanoparticles for Diabetes" is a record of bonafide research work carried out by Ms. Shweta Wagh under the guidance of Dr. Sangita.A.Kale at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 3 | 6 | 2 B Place: Nigdi, Pune- 44

Principal

P.E. S Modern College of Pharmacy,

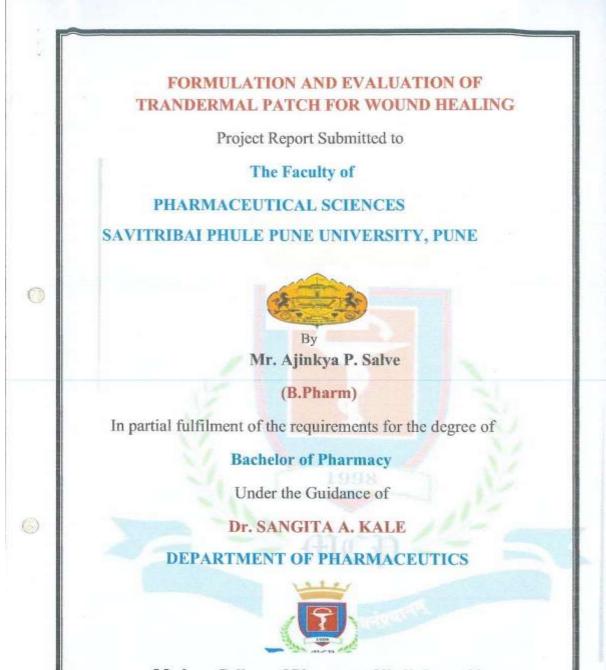
Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Pune - 411 044.







Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Mr. Ajinkya Salve declare that the thesis entitled "Formulation and Evaluation of Transdermal Patch For Wound Healing" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Sangita A. Kale and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23

Place: Nigdi, Pune



Mr. Ajinkya Salve

P. E. Chadern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044



0

0





Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the thesis entitled, "Formulation and Evaluation of Transdermal Patch For Wound Healing" submitted for degree of bachelor of Pharmacy, is the record of research work carried out by Mr. Ajinkya Salve under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 2/6/23

Place: Nigdi

Dr. Sangita A Kale

Dept. of Pharmaceutics

dern College of Pharmacy 21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation and Evaluation of Transdermal Patch For Wound Healing" is a record of bonafide research work carried out by Mr. Ajinkya Salve under the guidance of Dr. Sangita A. Kale at P.E.S Modern College of Pharmacy, Nigdi, Pune.

Date: 2/6/23

Place: Nigdi, Pune-44

Dr. P.D. Chaudhari

Principal

P.E.S Modern college of Pharmacy,

Nigdi, Pune-44

Ex-Deans, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

rincipal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"POLYSACCHARIDE BASED DRUG DELIVERY SYSTEM FOR PERIODONTITIS"

Project Report Submitted to

The Faculty of

PHARMACEUTICAL SCIENCES

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By Vasundhara Patil

(B.Pharm)

In partial fulfilment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. SANGITA A. KALE

DEPARTMENT OF PHARMACEUTICS



Modern College of Pharmacy, Nigdi, Pune 44

(Accredited by NAAC and NBA)

Principal edem College of

E.S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



(2)



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I am Ms. Vasundhara Patil declare that the thesis entitled "Polysaccharide based Drug Delivery System for Periodontitis" submitted by me for the degree of Bachelor of Pharmacy is the record of work carried out by me under the guidance of Dr. Sangita A. Kale and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02 06 23

Place: Nigdi, Pune

Ms. Vasundhara Patil

S. Modern College of Pharmacy stor No.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the thesis entitled, "Polysaccharide based Drug Delivery System for Periodontitis" submitted for degree of bachelor of Pharmacy, is the record of research work carried out by Ms. Vasundhara Patil under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 02 06 23

Place: Nigdi

Dr. Sangita A Kale

Dept. of Pharmaceutics

ctor No.21, Yamunanagar, Nigdi Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Polysaccharide based Drug Delivery System for Periodontitis" is a record of bonafide research work carried out by Ms Vasundhara Patil under the guidance of Dr. Sangita A. Kale at P.E.S Modern College of Pharmacy, Nigdi, Pune.

Date: 2/6/23

Place: Nigdi, Pune-44

Dr. P.D. Chaudhari

Principal

P.E.S Modern college of Pharmacy,

Nigdi, Pune-44

Ex-Deans, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Rune.

> 2. S. Modern College of Pharmacy Sesier No.21, Yamunanagar, Nigdi, Pune - 411 044.





FORMULATION AND EVALUATION OF TERBINAFINE HYDROCHLORIDE NIOSOMAL NAIL LACQUER

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL
SCIENCES SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE.



BY

Ms. Thite Mohini Laxman

(B.PHARM)

For the award of degree

BACHELOR OF PHARMACY

UNDER THE GUIDANCE OF

Dr.U.S.Desai (M Pharm, PhD)

Assistant Professor

(Dept of Pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE

OF PHARMACY, NIGDI, PUNE - 44.

(ACCREDITED BY NAAC AND NBA)



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ms. Thite Mohini Laxman declare that the thesis entitled, "Formulation and evaluation of terbinafine hydrochloride Niosomal Nail Lacquer", submitted by me for degree of 'Bachelor of Pharmacy' is the record of work carried out by me under the guidance of Dr. U.S. Desai and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 03 106 2023

Place: Nigdi, Pune

MS.Thite Mohini Laxman

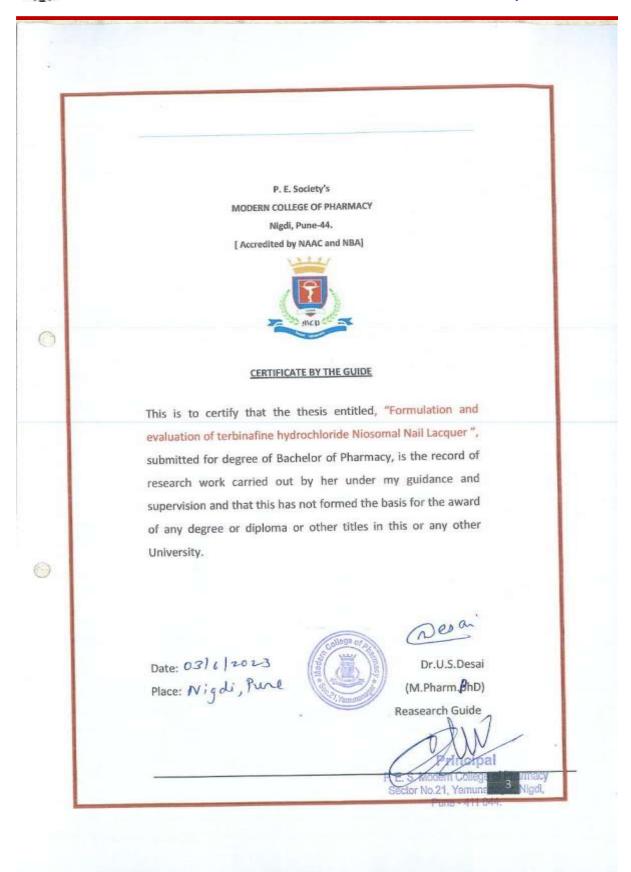
o.21, Yamunanagar, Nigdi, Pune - 411 044.

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Criteria 1: Curricular Aspects

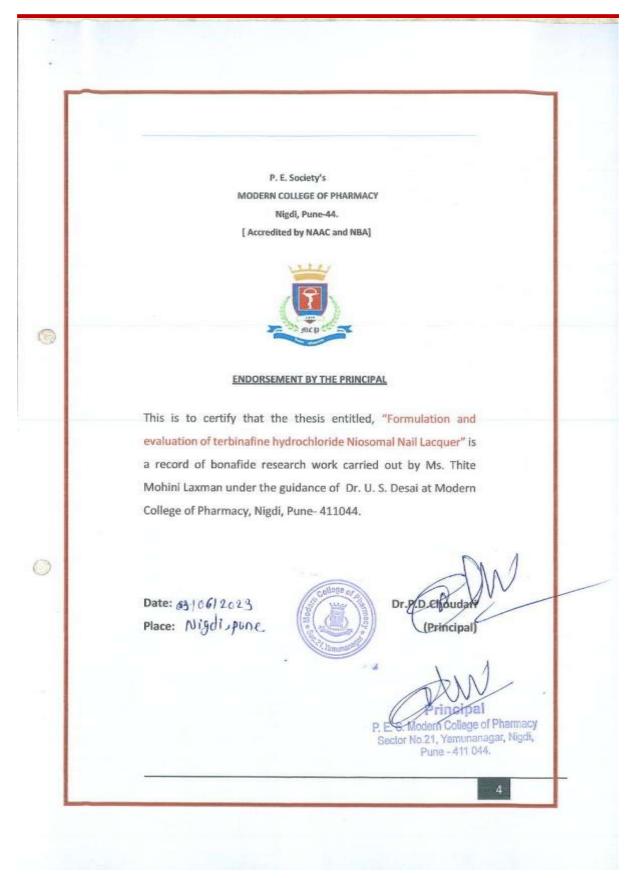






Criteria 1: Curricular Aspects









FORMULATION AND EVALUATION OF HERBAL FACEWASH AND EXPOLIATING TABLET

Thesis submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCESSAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



By Ms. Vaishnavi Balkrushna Sonone (B. Pharm)

For the award of degree

BACHELOR OF PHARMACY

UNDER THE GUIDANCE OF Dr. U. S. Desai (M. Pharm, PhD)

> Assistant professor (Dept of Pharmaceutics)

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE - 44. (ACCREDITED BY NAAC)

(2022 - 2023)









SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Ms. Vaishnavi Balkrushna Sonone declare that the thesis entitled, "Formulation and evaluation of Herbal facewash and Exfoliating tablet", submitted by me for degree of 'Bachelor of Pharmacy' is the record of work carried out by me under the guidance of Dr. U.S. Desai and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 2/6/23

Ms. Vaishnavi Sonone

V.B. Sonone

Place: Nigadi, Pune.

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and evaluation of Herbal Facewash and Exfoliating Tablet", submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 216123

Dr. U. S. Desai

(mesa

Place: Nigadi, Pune.

(M. Pharm, PhD) Research Co₇Guide

> P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and evaluation of Herbal Facewash and Exfoliating Tablet" is a record of bonafide research work carried out by Ms. Vaishnavi Balkrushna Sonone under the guidance of Guidance of Dr. U. S. Desai at Modern College of Pharmacy, Nigdi, Pune-411044.

Date: 216123

Place: Nigadi, Pune.

Dr. P. D. Chaudhari

ge of Pharmacy

Pune - 411 044.

(Principal)



(



FORMULATION AND EVALUATION OF MEDICATED HERBAL CHEWING GUM FOR MOUTH INFECTION

Thesis submitted to
THE FACULTY OF PHARMACEUTICAL SCIENCES
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



By Mr. AJINKYA ANIL SARVADE

> For the award of degree BACHELOR OF PHARMACY

UNDER THE GUIDANCE OF

Dr. U. S. Desai (M. Pharm, PhD)

Assistant professor
(Dept. of pharmaceutics)

DEPARTMENT OF PHARMACEUTICS

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE - 44. (ACCREDITED BY NAAC)

(2022 - 2023)









SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

I Mr. Ajinkya Anil Sarvade declare that the thesis entitled, "Formulation and evaluation of medicated herbal chewing gum for mouth infection, submitted by me for degree of 'Bachelor of Pharmacy' is the record of work carried out by me under the guidance of Dr. U.S. Desai and has not formed the basis for the award of any degree or Diploma or Other titles in this or any other University.

Date: 3/6/23

Place: Nigdi, Pune

Mr. Ajinkya Sarvade





P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation and evaluation of medicated herbal chewing gum for mouth infection" submitted for degree of Bachelor of Pharmacy, is the record of research work carried out by her under my guidance and supervision and that this has not formed the basis for the award of any degree or diploma or other titles in this or any other University.

Date: 3/6/23

Place: Nig di, Pune

Dr. U. S. Desai (M. Pharm, PhD)

Research Guide

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0

(6)



P. E. Society's MODERN COLLEGE OF PHARMACY Nigdi, Pune-44.



ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitled, "Formulation and evaluation of medicated herbal chewing gum for mouth infection" is a record of bonafide research work carried out by Mr. Ajinkya Anil Sarvade under the guidance of Dr. U. S. Desai at Modern College of Pharmacy, Nigdi, Pune - 411044.

Date: 3/6/23

Place: Pune

Dr. P. D. Chaudhari

(Principal)

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Formulation Development And Evaluation Of Herbal Sunscreen Lotion"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Shrinath Waghmare

Harshita Waghmode

Sarvesh Yeole

(B. Pharm)

UNDER THE GUIDANCE OF

Prof. Shivraj Mane

(M. Pharm)

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





P. L. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Shrinath Waghmare, Harshita Waghmode & Sarvesh Yeole declare that the thesis entitled formulation development and evaluation of herbal sunscreen lotion submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Prof. Shivraj Mane and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 10-6-23

PLACE: pune

College or property of the college o

Shrinath Waghmare Harshita Waghmode Sarvesh Yeole

Principal

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA) Prof. Shiveri Mana

Prof. Shivraj Mane

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "formulation development and evaluation of herbal sunscreen lotion" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Shrinath Waghmare, Ms.Harshita Waghmode and Mr. Sarvesh Yeole under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 10-6-23

PLACE: Pune

Prof. Shivraj Mane

(Assistant Professor)

ctor No.21, Yamunanagar, Nigdi, Pune - 411 044.





P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D.Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44 Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "formulation development and evaluation of herbal sunscreen lotion" is a record of bonafide research work carried out by Mr. Shrinath Waghmare, Ms. Harshita Waghmode and Mr. Sarvesh Yeole under the guidance of **Prof. Shivraj Mane** at P.E.S Modern College of Pharmacy Nigdi, Pune

DATE: 10-6-23

PLACE: pune

Dr. P.D. Chaudhari

(Principal)

llege of Pharma

Pune - 411 044.

ector No.21, Yamunanagar, Nigdi,





"THE FORMULATION, EVALUATION AND OPTIMIZATION OF ANTIFUNGAL UFASOMAL GEL"

Project report submitted to
The Faculty of
PHARMACEUTICAL SCIENCE
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms. Patil Utkarsha Chaitanya, Ms. Shinde Snehal Santosh and Ms. Pawar Nikita Ganpat.
(B. Pharm) (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Mr. Rohit M Gurav.

Department of Pharmaceutics



Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



Sector No.21, Yamunanagar, Nigdi Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Patil Utkarsha Chaitanya, Ms. Shinde Snehal Santosh and Ms. Pawar Nikita Ganpat, declared that the thesis entitled "THE FORMULATION, EVALUATION AND OPTIMIZATION OF ANTIFUNGAL UFASOMAL GEL" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by Mr. Rohit M Gurav and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |4 | 6 | 23

Place: Nigdi, Pune

Ms. Patil Utkarsha Chaitanya. (UPoli)

Ms. Shinde Snehal Santosh. Snehal.

Ms. Pawar Nikita Ganpat. H. Pawar .

ector No.21, Yamunanagar, Nigdi,







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "THE FORMULATION, EVALUATION AND OPTIMIZATION OF ANTIFUNGAL UFASOMAL GEL" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Patil Utkarsha Chaitanya, Ms. Shinde Snehal Santosh and Ms. Pawar Nikita Ganpat under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |4|6/23

Place: Nigdi Pune

Mr. Rohit M Gurav.

Dept. of Pharmaceutics.

P. E. S. Modern College of Pharmacy Sactor No.21, Yamunanagar, Nigdi,

Pune - 411 044







Progressive Education Society's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "THE FORMULATION, EVALUATION AND OPTIMIZATION OF ANTIFUNGAL UFASOMAL GEL" is a record of bonafide research work carried out by Ms. Patil Utkarsha Chaitanya, Ms. Shinde Snehal Santosh and Ms. Pawar Nikita Ganpat under the guidance of Mr. Rohit M Gurav. at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14|6|23

Place: Nigdi, Pune-44

Dr. P.D. Chaudhari Principal

P.E. S Modern College of Pharmacy,

Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University Pune.

> E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacy for providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Mr. Rohit M Gurav for extending her valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

I express my deep sense of gratitude towards my parents for their constant support and valuable help throughout this work.

Place: Nigdi, Pune-44

Date: |416/23



Ms. Patil Utkarsha Chaitanya. Whath Ms. Shinde Snehal Santosh Snehal Ms. Pawar Nikita Ganpat. N. Powor (Final year B. Pharm)

PE Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Formulation and Evaluation of Antiaging and Anti-acne herbal scrub based facewash.

Final Year B-Pharm Project Report Submitted to

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Mr.Shubham B. Vanve

Mr. Ajay kumar patel

Miss. Harshali sonwane

(B. Pharm)

Under the Guidance of

Miss. Priyanka Bagade

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune -411044

(2022-2023)

Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash.

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P. E. S. Wroden College of The Blacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Mr. Shubham B. Vanve declares that the thesis entitled. "Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash. submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Miss.Priyanka Bagade and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.



Mr. Ajaykumar patel Apubl

Ms. Harshali sonwane Quan

Date: 10-6-23

herbal scrub based facewash.

Place: Nigdi, Pune

Mr. Shubham B. Vanve (US

Formulation and Evaluation of Anti aging and Anti-acne

Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the Guide

This is to certify that the thesis entitled, "Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash" submitted for degreeof bachelor of pharmacy, is the record of research work carried out by Mr. Shubham B. Vanve under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 10-6-23

Place: Nigdi, PUNE

Miss.Priyanka Bagade

(Assistant professor)

Department of Pharmaceutics PES'S Modern College of Pharmacy, Nigdi, Pune-44

Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash.

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

SHAME HET CONTROLLE







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled. "Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash" is a record of bonafide research work carried out by Mr. Shubham B. Vanve under the guidance of at Miss.Priyanka Bagade P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 10-6-23

Dr. P. D. Chaudhari Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Formulation and Evaluation of Anti aging and Anti-acne herbal scrub based facewash.

Pune - 411 044.

Stored will Conditions





"Formulation Development and Evaluation of Diclofenac Sodium Gel by using HPMC"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Tanmay Satkar

Raviraj Shinde

Ashish Shinde

(B. Pharm)

UNDER THE GUIDANCE OF

Ms. Alka Bhure

(M. Pharm)

DEPARTMENT OF PHARMACEUTICS

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)





P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Ms. Alka Bhure

Assistant Professor

Department of Pharmaceutics

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Formulation Development and Evaluation of Diclofenac Sodium Gel by using HPMC'submitted for degree of bachelor of pharmacy, is the record of research work carried out by Mr. Tanmay Satkar, Mr. Raviraj Shinde and Mr. Ashish Shinde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 13-05-1013

Place: Nigdi, Pune.

College of Statement A

Ms. Alka Bhure

(Assistant Professor)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences

Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Formulation Development and Evaluation of Diclofenac Sodium Gel by using HPMC' is a record of bonafide research work carried out by Mr. Tanmay Satkar, Mr. Raviraj Shinde and Mr. Ashish Shinde under the guidance of Ms. Alka Bhure at P.E.S Modern College of PharmacyNigdi, Pune

Date: 13-05-20 23

Place: Nigdi Pune

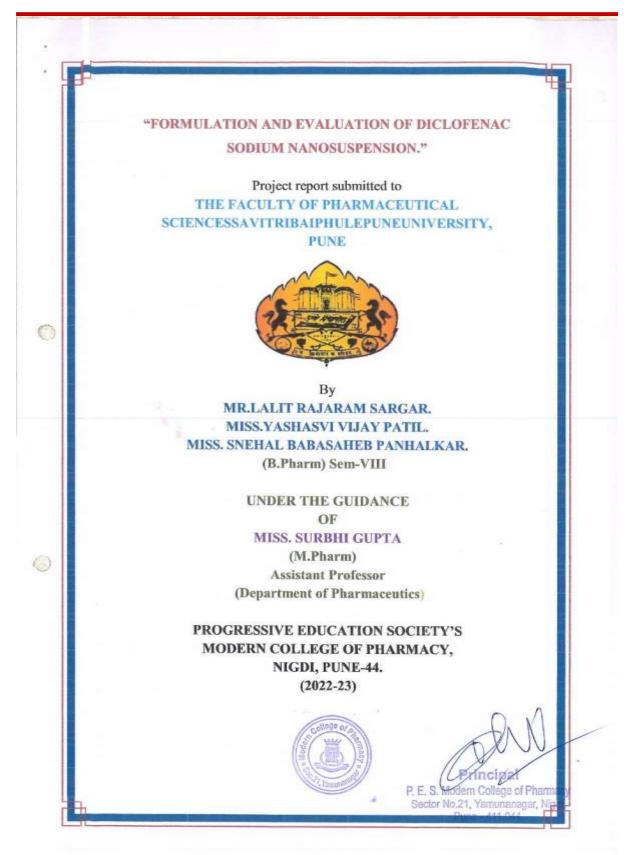
Dr. P. D. Chaudhari

(Principal)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.











(BEST COLLEGE AWARDED BY SAVITRIBAI PHULE PUNEUNIVERSITY)

SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We, Mr. Lalit Rajaram Sargar, Miss. Yashasvi Vijay Patil, Miss. Snehal Babasaheb Panhalkar, declare that the thesis entitled, "FORMULATION AND EVALUATION OF DICLOFENAC SODIUM NANOSUSPENSION." submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Miss. SURBHI GUPTA and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 05/06/2023

Place: Nigdi, Pune

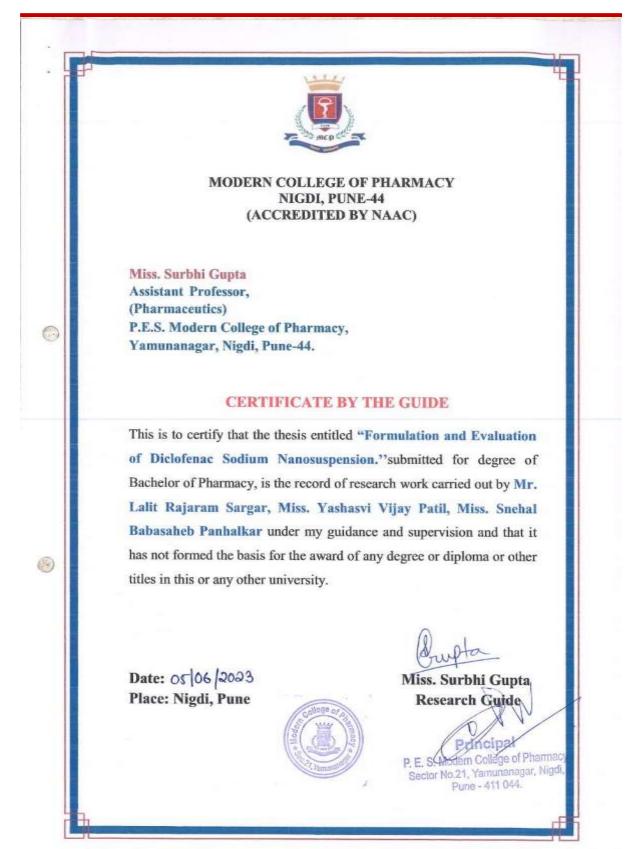
Mr. Lalit R. Sargar

Miss. Snehal B. Panhalkar

Pune - 411 044.

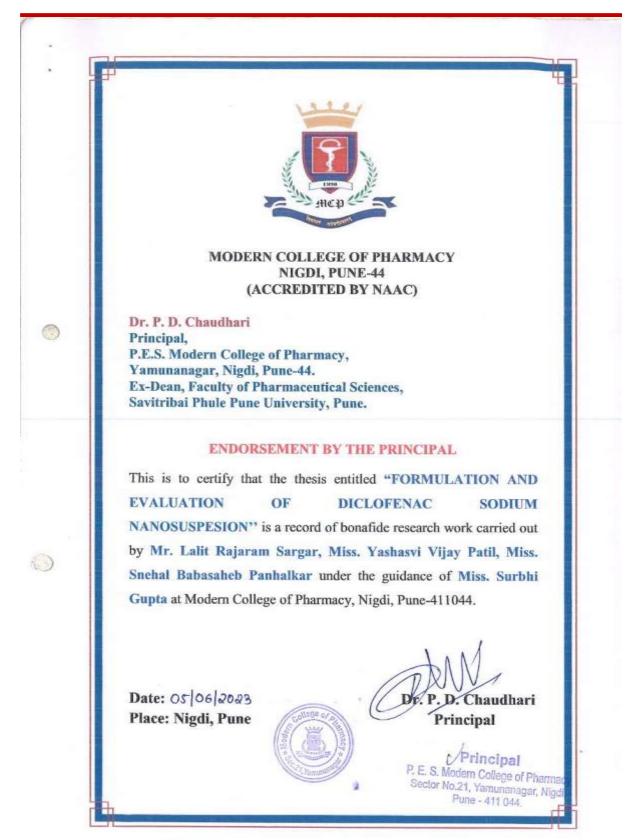














"EVALUATION OF In-vitro ANTHELMINTIC ACTIVITY OF HERBL EXTRACTS"

Project report submitted to
The Faculty of
PHARMACOLOGY
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



By

Ms.Shital Susar, Mr. Naveed Syed, Mr.Samadhan Tupe (B. Pharm) (Semester-VIII)

In partial fulfillment of the requirements for the degree of

Bachelor of Pharmacy

Under the Guidance of

Dr. P.S. Kore

Department of Pharmacology



Progressive Education Society's

Modern College of Pharmacy, Nigdi, Pune-44

(Accredited by NAAC and NBA)



E. Modary College of Pharmacy ector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We are Ms. Ms.Shital Susar, Mr. Naveed Syed, Mr.Samadhan Tupe declared that the thesis entitled "EVALUATION OF in vitro ANTHELMINTIC ACTIVITY OF HERBAL EXTRACT" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of by Dr. P.S. Kore and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14/06/2023

Place: Nigdi, Pune

Ms. Susar Shital

Mr. Naveed Syed

Mr. Samadhan Tupe

P. E. Standern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi,
Pune-44
(Accredited by NAAC and NBA)

Certificate by Guide

This is to certify that the thesis entitled, "EVALUATION in vitro ANTHELMINTIC ACTIVITY OF HERBAL EXTRACT" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Susar Shital, Mr.Naveed Syed and Mr. Samadhan Tupe under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: |4 | 06 | 20 23

Place: Nigdi Pune

A Administration of the second of the second

Dr.P.S. Kore

Dept. of Pharmacology.

e of Pharmacy

lo.21, Yamunanagar, Nigdi, Pune - 411 044.







Progressive Education Society's Modern College of Pharmacy Nigdi,
Pune-44
(Accredited by NAAC and NBA)

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entil* EVALUATION OF in vitro ANTHELMINTIC ACTIVITY OF HERBAL EXTRACT is a record of bonafide research work carried out by Ms.Susar Shital, Mr. Navced Syed and Mr. Samadhan Tupe under the guidance of Dr.P.S.Kore at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 14 |06|2023

Place: Nigdi, Pune-44

Dr. P. D. Chaudhari Principal

P.E. S Modern College of Pharmacy, Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmacology, Savitribai Phule Pune University, Pune.

P. E. S. Hodern Gettege of Pharmacy Sector No.21, Yamunanagar, Nigdl, Pune - 411 044.





ACKNOWLEDGEMENT

I am thankful to Dr. P. D. Chaudhari, Principal of PES's Modern College of Pharmacy for providing excellent library and internet facilities. I take this opportunity to express my sincere gratitude to principal of Modern college of Pharmacy Dr. P. D. Chaudhari, and my project guide Prof. Dr.P.S. Kore for extending her valuable guidance, instructions and timely support without which this project would not have assumed its shape.

I would like to thank Assistant Librarian of Modern College of Pharmacy and other nonteaching staff members for extending their support in providing all kinds of reference books whenever possible. I am grateful to all teaching and non-teaching staff of the college for their kind of co-operation extended from time to time.

I express my deep sense of gratitude towards my parents for their constant support and valuable help throughout this work.

Ms. Susar Shital

Mr. Naveed Syed

Mr. Samadhan Tupe

Final year B. Pharm)

Place: Nigdi, Pune-44

Date: 14/06/2023

No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey"

A

PROJECT REPORT

SUBMITTED TO THE

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



SUBMITTED BY

Neha Pandit

Pratik Suryawanshi

Prasenjit Sarwade

UNDER THE GUIDANCE OF

Mr. Prashant Pawar

(M.Pharm)

DEPARTMENT OF PHARMACOLOGY

Progressive Education Society's

Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



P.E. S. Modern College of Pharmacy

Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Womento A Guestiannian Surveys

Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERCITY



DECLARATION

We are Miss. Neha Pandit, Mr. Pratik Suryawanshi and Mr. Prasenjit Sarwade declared that the thesis entitled "Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Mr. Prashant Pawar and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 14-06-23

PLACE: PUNC

Neha Pandit

Pratik Suryawanshi Belivs.

Prasenjit Sarwade Acreu

N/

ector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Mr. Prashant Pawar

Assistant Professor

Department of Pharmacology

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled, "Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Neha Pandit, Pratik Suryawanshi and Prasenjit Sarwade under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 06 | 06 | 2023

Place: Nigdi, Pune

Sport and American Am

Mr. Prashant Pawar

(Assistant Professor)

P. E. S. Modern College of Pharmacy Sector Mo.21, Yamunanagar, Nigdi, Pune - 411 044.

Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E.S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Awareness and Assessment of Risk Factors Associate with Breast Cancer Among Indian Women: A Questionnaire Survey" is a record of bonafide research work carried out by Neha pandit, Pratik Suryawanshi and Prasenjit Sarwade under the guidance of Mr. Prashant Pawar at P.E.S Modern College of Pharmacy Nigdi, Pune.

Date: 06-06-2023

Place: Nigdi, Pune

Dr. P. D. Chaudhari

(Principal)

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

Awareness and Assessment of Risk Factors Associated with Breast Cancer Among Indian Women: A Questionnaire Survey





"DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF DEFERIPRONE IN BULK AND MARKETED FORMULATION"

Project report submitted to

THE FACULTY OF PHARMACEUTICAL SCIENCES SAVITRIBA IPHULE PUNE UNIVERSITY, PUNE



By

MR.SAURAV PAWAR MISS. SHRADDHA RAUT MISS.SHWETA SARNE

(Bachelors of Pharmacy) Sem-VIII

UNDER THE GUIDENCE OF

Mrs. PRIYANKA SARDA

(M.Pharm)

Assistant Professor(Dept.ofPharmacology)

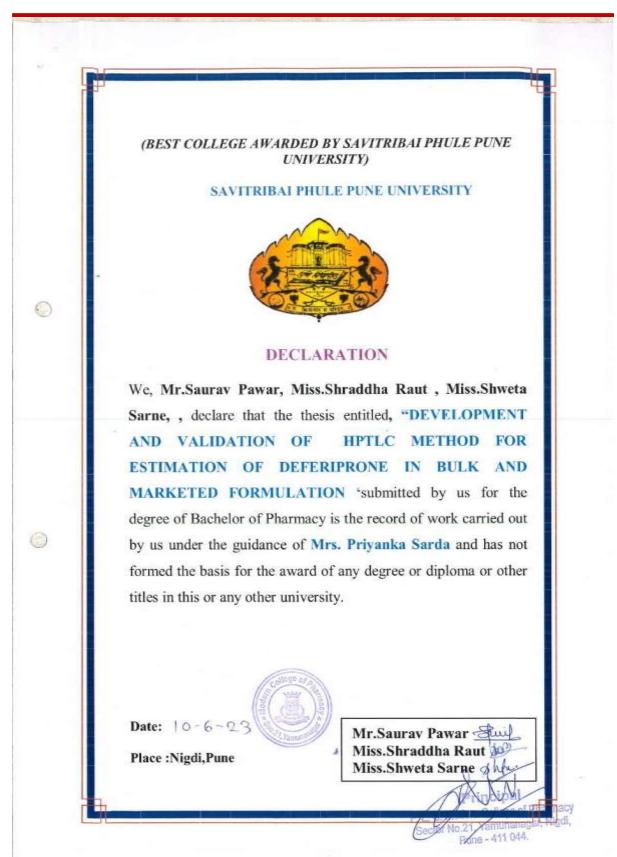
PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE – 44. (2022-23)



Principal
P.E. & Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdl,
Pune - 411 044.

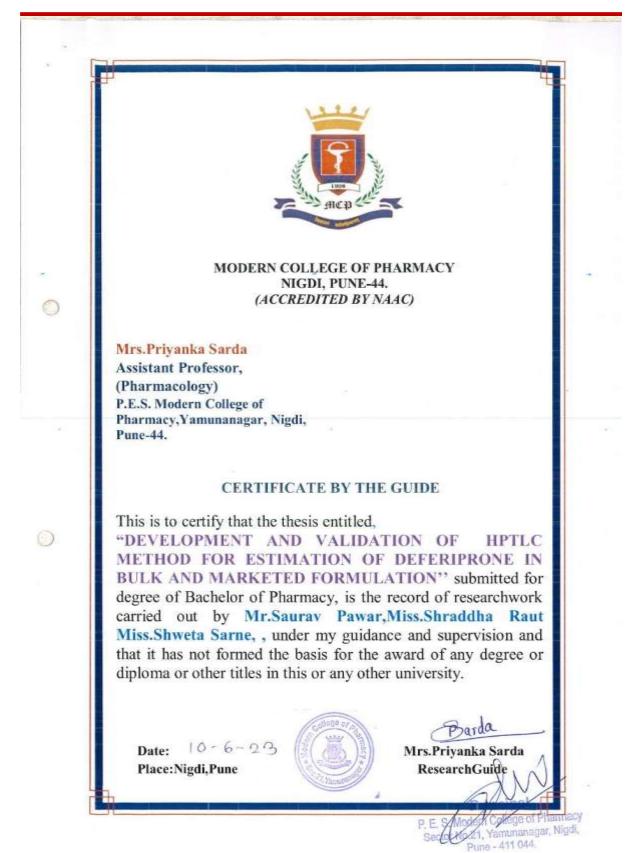


















MODERN COLLEGE OF PHARMACYNIGDI, PUNE-44. (ACCREDITED BY NAAC)

Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of
Pharmacy, Yamunanagar, Nigdi,
Pune-44.
Ex-Dean, Faculty of Pharmaceutical
Sciences, Savitribai Phule Pune University, Pune

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the thesis entitles, "DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF DEFERIPRONE IN BULK AND MARKETED FORMULATION" is a record of bonafide research work carried out by .Mr.Saurav Pawar, Miss.Shraddha Raut ,Miss.Shweta Sarne, , under the guidance of Mrs. .Priyanka Sarda at Modern College of Pharmacy, Nigdi, Pune-411044.

Date: 10 - 6 - 23

Place:Nigdi,Pune

Dr.P.D.Chaudhari

Principal

P.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Assessment Of Clinical Profile Data and Treatment Pattern Of Guillian-Barre Syndrome(GBS)"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Ms. Nikita Salunke

Ms. Priyanka Tandlekar

Mr. Deven Ukirde

(B. Pharm)

UNDER THE GUIDANCE OF

Mrs. Snehal Shelke

(M. Pharm)

DEPARTMENT OF PHARMACOLOGY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)

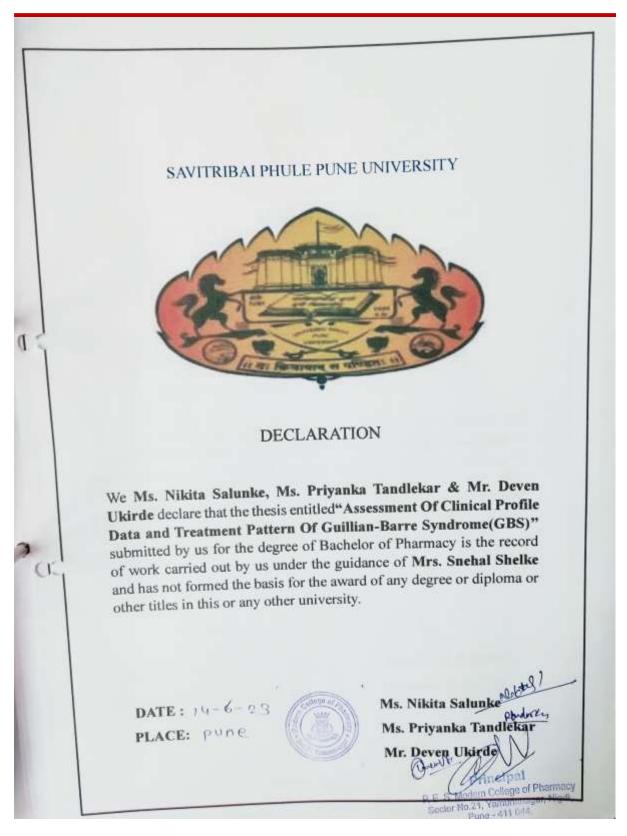


College of State of S

P. E. S. Moaem College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Mrs. Snehal Shelke

Assistant Professor

Department of Pharmacology

PES's Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the dissertation entitled, "Assessment Of Clinical Profile Data and Treatment Pattern Of Guillian-Barre Syndrome(GBS)" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Nikita Salunke, Ms. Priyanka Tandlekar and Mr. Deven Ukirde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 14-06-23

Place: Nigdi-Pune.

Colorate of Soliton

Mrs. Snehal Shelke

(Assistant Professor)

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdl, Pune - 411 044.







P.E.S's Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D. Chaudhari

Principal

P.E.S's Modern College of Pharmacy Nigdi, Pune – 44

Ex-Deans, Faculty of Pharmaceutical Sciences Savitribai Phule Pune University, Pune.

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Assessment Of Clinical Profile Data and Treatment Pattern Of Guillian-Barre Syndrome(GBS)" is a record of bonafide research work carried out by Ms. Nikita Salunke, Ms. Priyanka Tandlekar and Mr. Deven Ukirde under the guidance of Mrs. Snehal Shelke at P.E.S's Modern College of Pharmacy Nigdi, Pune

Date: 14-66-29

Place: Nigdi-Phru.

(Principal)

Principal S Modern College of

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Assessment of Knowledge and Awareness about Drug Food Interactions among General Public in India: A questionnaire survey"

A PROJECT REPORT SEM VIII SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Submitted by

Madhavi Vikharankar

Rutuja Wayal

Adwait Tole

(B. Pharm)

UNDER THE GUIDANCE OF

Prof. Swateja Bhosale

(M. Pharm)

DEPARTMENT OF PHARMACOLOGY

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)









SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION

We Madhavi Vikharankar, Rutuja Wayal & Adwait Tole declare that the thesis entitled"Assessment of Knowledge and Awareness about Drug-Food Interactions among General Public in India: A questionnaire survey" submitted by us for the degree of Bachelor of Pharmacy is the record of work carried out by us under the guidance of Prof. Swateja Bhosale and has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

PLACE: pune

Madhavi Vikharanka

Rutuja Wayal Quoto Adwait Tole-Atols

em College of Pharmacy No.21, Yamunanagar, Nigdi,

Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)

Prof. Swateja Bhosale

Assistant Professor

Department of Pharmacology

PES'S Modern College of Pharmacy Nigdi, Pune-44

CERTIFICATE BY THE GUIDE

This is to certify that the thesis entitled "Assessment of Knowledge and Awareness about Drug-Food Interactions among General Public in India: A questionnaire survey" submitted for degree of bachelor of pharmacy, is the record of research work carried out by Ms. Madhavi Vikharankar, Ms. Rutuja Wayal and Mr. Adwait Tole under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

DATE: 9 - 6-98

PLACE: Pune

Prof. Swateja Bhosale

(Assistant Professor)

P. E.S. Mattern Cottege of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







P.E.S Modern college of pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Dr. P. D.Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune - 44 **Ex-Deans, Faculty of Pharmaceutical Sciences**

Savitribai Phule Pune University, Pune

Endorsement by the Principal

This is to certify that the partial research work for the dissertation entitled "Assessment of Knowledge and Awareness about Drug-Food Interactions among General Public in India: A questionnaire survey" is a record of bonafide research work carried out by Ms. Madhavi Vikharankar, Ms. Rutuja Wayal and Mr. Adwait Tole under the guidance of Prof. Swateja Bhosale at P.E.S Modern College of Pharmacy Nigdi, Pune

DATE: 2-6-23

PLACE: Pune

D. Chaudhari

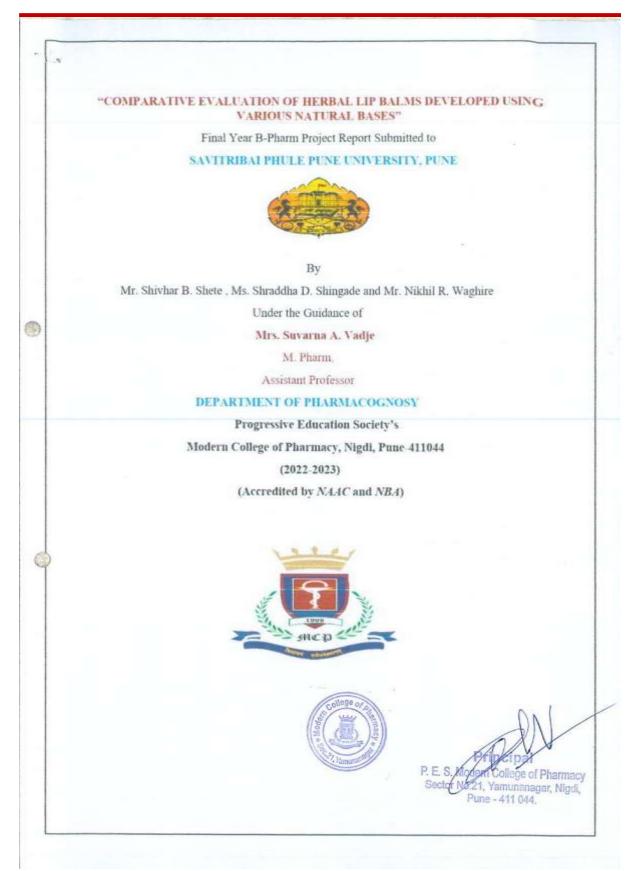
(Principal)

21, Yamunanagar, Nigdi,



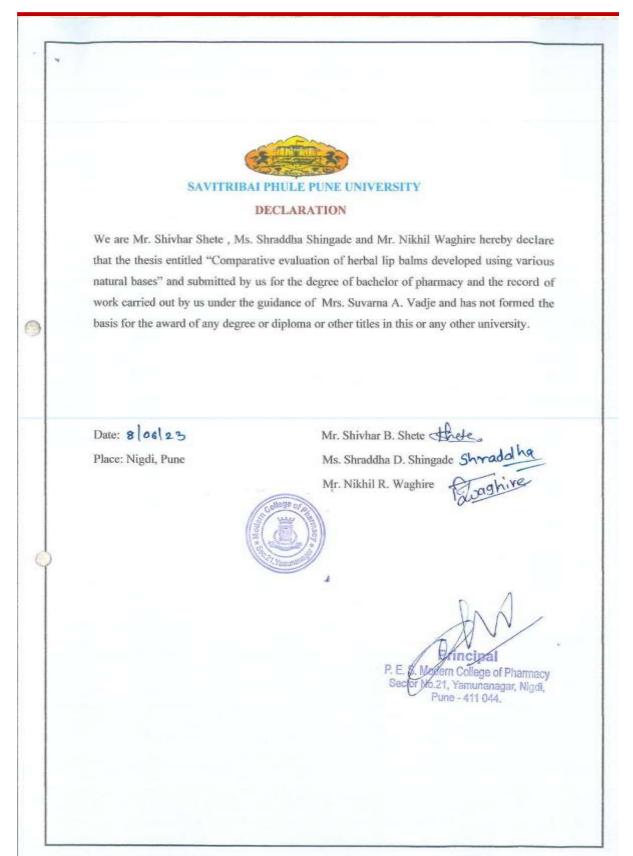


















PES's Modern College of Pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Certificate by the guide

This is to certify that the thesis entited, "Comparative evaluation of herbal lip balms developed using various natural bases" submitted for the degree of bachelor of pharmacy, is the refer of research work carried out by Mr. Shivhar Shete, Ms. Shraddha Shingade and Mr. Nikhil Waghire under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 08 06 2023

Mrs. Suvarna A. Vadje

Place: Nigdi, Pune (M.Pharm)

Department of Pharmacognosy

PES's Modern College of Pharmacy,

Nigdi, Pune-44

P. E. S. Modern College of Pharmacy Sector No.21, Yerrunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy, Nigdi, Pune-44 (Accredited by NAAC and NBA)

Endorsement by the principal

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Date: 08/06/23

Cologie of Alexander

Chaudhari Principal

P.E.S Modern College of Pharmacy

Nigdi, Pune- 44

Ex- Dean, Faculty of Pharmaceutical Scienes,

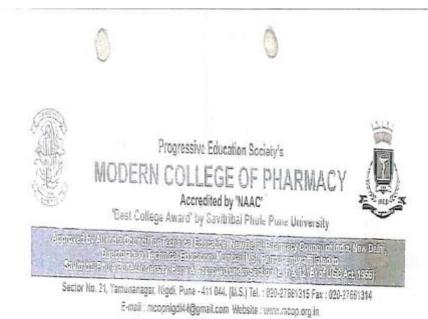
Savitribai Phule Pune University, Pune.

P. E. S. Moneto College of Pharmacy Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044.





Fifth Year Pharm-D Research Project work



| Grp No. | Name of the Students | Title of the Study | Name and Details of the Principal Investigator | Name and Details of the Guides | Department (DMH) for Conducting Study |
|------------|---|---|---|--|---|
| 1. | Ms. PratikshaBhoite Mr. SwapnilGhatule Mr. AtharvaNanday Mr. SumeetUdawant | Study of Onset Time. Risk Factors, and Prescription Pattern in Patients with Stroke. | Dr. Rahul Kulkami; M.B.B.S. M.D. (Medicine). D.M. (Neurology), D.N.B (Neurology). FAAN Department of Neurology. DMHRC | Dr. Rajani Mali Pharm. D. Assistant Professor Department of Doctor of Pharmacy. Modern College of Pharmacy. | Department of Neurology, DMHRC, Pune. |
| 2 | Ms. Aparna Awhad Ms. Divya Hagawane Ms. Muskan Radhanpura Mr. Pranav Yelamkar | Assessment of Anti- Microbial agent usage pattern as per the given susceptibility testing report. | Dr. Ashwini Joshi, Consultant, M.B.B.S.D.N.B. (Medicine), CCEBDM D.N.B. (Medicine) Department of General Medicine, DMHRC | Dr. MayuriKhaparde Phann. D. Assistant Professor Department of Pharmacy Practice, Modern College of Pharmacy. | Department of General Medicine, DMHRC, Pune. |
| *** | Ms. RachitaRanasubhe Mr. SanketTalegaonkar Ms. Saloni Yadav Ms. JagrutiYenpure | To study incidence, cost analysis and drug utilization pattern of anticoagulants in patient with VTE. | Dr. NarendraJavadekar :M.B.B.S.M.D.(Medicine), D.N.B.(Medicine), M.A.(Economics) Department of General Medicine, DMHRC | Dr. Rajani Mali Phann. D. Assistant Professor Department of Pharmacy Practice, Modern College of Pharmacy. | Department of General Medicine, DMHRC, Pune. |



P. E. S. Modem College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



Criteria 1: Curricular Aspects



| 4 | At a | | | | |
|----|---|---|--|--|--|
| | Ms. Shweta Kendre Mr. Shiva Khanal Ms. Pranuli Mahajan Ms. ShraddhaNachane | Assessment of drugs dose adjustment in chronic kidney disease patients in tertiary care hospital. | Dr. AtulMulay M.B.B.S. M.D., (Medicine), D.N.B. (Nephrology), M.Sc. (Epidemiology), Department of Nephrology, DMHRC, Pune | Dr. RohiniChavan Pharm. D. Assistant Professor Department of Pharmacy Practice, Modern College | Department of Nephrology DMHRC, Pune. |
| 5, | Ms. SukshaminBalure Mr. SatyawanKumbhar Mr. AkashMahamuni Ms. SujataThokal | To design, develop and validate the screening tool for mittimizing prescription error in neonates. | Dr. ShilpaKalane; M.B.B.S., D.N.B (Pediatrics), Dr.N.B. (Neonatology), Department of Neonatology, DMHRC, Pane | of Pharmacy. Dr. MayuriKhaparde Pharm. D. Assistant ProfessorDepartment of Pharmacy Practice. | Department of Neonatolog, DMHRC, Pune. |
| 6. | Ms. VaishnaveeDeshmukh Mr. Gaurav Memane Ms. VaishnaviPanchariya Mr. VedantParil | Design, development and validation of screening tool for IV medications incompatibility in neonates. | Dr. ShilpaKalane; M.B.B.S., D.N.B (Pediatrics), Dr.N.B. (Neonatology), Department of Neonatology, DMHRC, Pune | Dr. SunitaPawar M. Pharm (Pharmacy Practice), PhD Associate Professor. Head of Department of Pharmacy Practice. Modern College of Pharmacy. | Department of Neonatology DMHRC. Pune. |
| 7 | Ms. VaishuaviChavan Mr. HarshalJadhav Ms. PranaliKumbhur Mr. Shubhamshewaje | To evaluate the drug utilization and analysis of antiepileptic drugs at tertiary care hospital | Dr. Rahul Kulkarni; M.B.B.S. M.D. (Medicine), D.M. (Neurology), D.N.B (Neurology). FAAN Department of Neurology, DMHRC | Dr. Anjali Kumbhar Pharm. D. Assistant Professor Department of Pharmacy Practice, Modern College of Pharmacy. | Department of Neurology. DMHRC, Pune. |
| Ж. | Mr. Nitesh Agrawal Ms. ShrutiAkhude Mr. ShubhumKudule Ms. AshwiniVure | Development Of The Mobile Application For Digital Literacy Related To Cardiovascular Risk Factors In Sociological Factors. | Mr. Nitesh Agrawai Ms. ShrutiAkhade Mr. ShubhamKudale Ms. AshwiniVare | Mr. Siddhartha Savdekar M. Pharm (Pharmacy Practice) Assistant Professor Department of Pharmacy Practice, Modern College of Pharmacy. | Community Health Organisations Principal E. S. Motern College of Pharma Sector No.21, Yamunanagar, No. |

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6

| Mr. Abhishek Khaire |
|---------------------|
| Ms. Esha Patel |
| Ms. SumedhaSavane |
| Mr. AvinushShinde |
| |

Assessment of drug related problems among cervical cancer patients.

Dr. AsmaPathun M.B.B.S M.D. (Medical Oncologia) Indrayani Hospital and Cancer Institute Alandi, Pune Dr. Anjali Kumbbar Pharm. D. Assistant Professor Department of Pharmacy Practice, Modern College of Pharmacy,

Department of Oneology Indiagonal Hospital and Concer Institute Alandi Pune.

Head of Department Dr. Sunita Pawar (Pharm D)



brindipal br. D. Chybdhari PES's College of Pharmacy, Nigdl, Pune

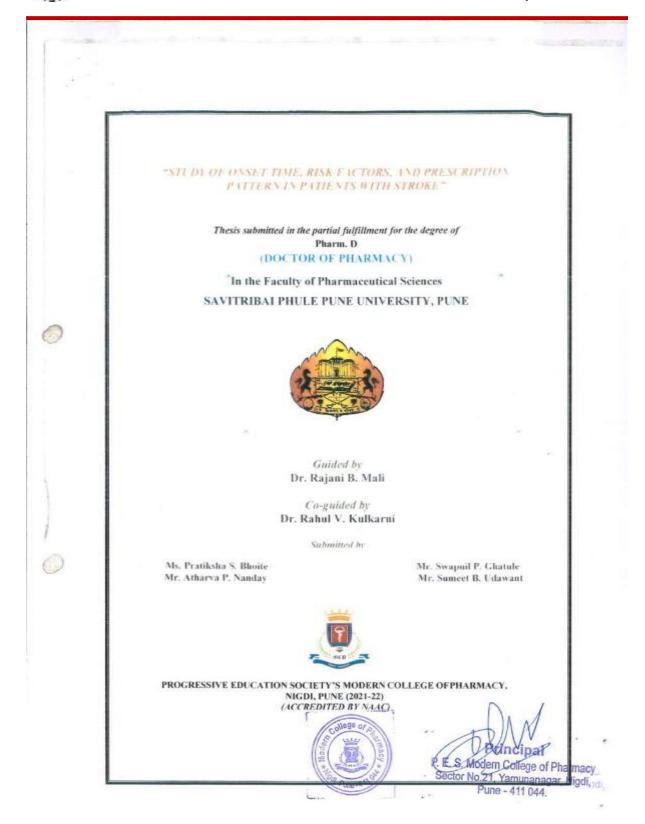
Principal

P. E. S. Modern College of Pharmsoy
Sector No.21, Yamurranagat, Nigdi,
Pune - 411 044.



Criteria 1: Curricular Aspects







"STUDY OF ONSET TIME, RISK FACTORS, AND PRESCRIPTION PATTERN IN PATIENTS WITH STROKE"

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members.

Dr. P. D. Chaudhari Principal, Professor and Head, Pharm. D. Programme

92

Dr. S. B. Pawar Head & Associate Professor Department of Clinical Pharmacy

Dr. R. P. Chavan Assistant Professor, Department of Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor, Department of Clinical Pharmacy, Dr. A. R. Kumbhar Assistant Professor, Department of Clinical Pharmacy

Dr. R. B. Mali Assistant Professor, Department of Clinical Pharmacy

Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy

College of A

P.E.S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigili, Pune - 411 044.







Dr. R. B. Mali,

Assistant Professor P.E.S. Modern College of Pharmacy Nigdi, Pune-44.



PES'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44

(ACCREDITED BY NBA & NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "Study of Onset Time, Risk Factors, and Prescription Pattern in Patients with Stroke" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Ms. Pratiksha S. Bhoite, Mr. Swapnil P. Ghatule, Mr. Atharva P. Nanday, and Mr. Sumeet B. Udawant under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09/06/2023

Place: MCOP, Nigdi

Dr. R. B. Mali (Pharm. D) Assistant Profe Research Guid

> P. E. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





PES'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. F. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamunanagar, Nigdi, Pune- 44.
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Study of Onset Time, Risk Factors, and Prescription Pattern in Patients with Stroke" for Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Pratiksha S. Bhoite, Mr. Swapnil P. Ghatule, Mr. Atharva P. Nanday, and Mr. Sumeet B. Udawant under the guidance of Dr. R. B. Mali at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09/06/2023

Place: MCOP, Nigdi



Dr. P. D. Chaudhari

P. E. Society's

Modern College of Pharmar.

Yamunanager Secon No. 2:

Nigdi, Fune 411 J44





Dr. R. V. Kulkarni,

MBBS M.D. (Medicine), D.M. (Neurology), D.N.B. (Neurology), Honorary Consultant, Department of Neurology Deenanath Mangeshkar Hospital and Research Center Pune



MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

CERTIFICATE BY CO- GUIDE

This is to certify that the thesis entitled "Study of Onset Time, Risk Factors, and Prescription Pattern in Patients with Stroke" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by, Ms. Pratiksha S. Bhoite, Mr. Swapnil P. Ghatule, Mr. Atharva P. Nanday, and Mr. Sumeet B. Udawant under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09/06/2023

Place: DMHRC, Pune

or. R. V. Kulkarni [MBBS, MD D.N.B. (Neurology)] Honorary Consultant, Research Co-Guide

Dr. Rahul Kulkami

may Mo

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Dr. S. B. Pawar

Associate Professor. Head of the Department of Clinical Pharmacy P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

ENDORSEMENT BY THE HEAD OF THE DEPARTMENT -

This is to certify that the research presented in this thesis entitled, "Study of Onset Time, Risk Factors, and Prescription Pattern in Patients with Stroke" for Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Pratiksha S. Bhoite, Mr. Swapnil P. Ghatule, Mr. Atharva P. Nanday, and Mr. Sumeet B. Udawant under the guidance of Dr. R. B. Mali at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09/06/2023

Place: MCOP, Nigdi

Dr. S. B. Pawar Associate Professor/ HOD of Clinical Pharmacy

Principal

P.E. S. Medern College of Pharmacy
Sector No.21, Yamunanagar, Nigo,
Pune - 411 044.









DECLARATION BY THE CANDIDATES

This is to state that the research work entitled "NTEDLOF ONNET TEME. RISK EXCTORS. AND PRESCRIPTION PATTERS IN PATTERNS BITTLE STROKE" for the degree of Pharm. D has not been submitted in parts or full to any other university by us. This is original work undertaken by us under the guidance of Dr. R. B. Mali, Assistant Professor, PES's Modern College of Pharmacy. Pune. Such materials as obtained from the other sources have been duly acknowledged in the thesis.

Date: 09/06/2023

Place: MCOP, Nigdi

Ms. Pratiksha S. Bhoite

THINKS.

Mr. Atharva P. Nanday

Mr. Sumeet B.

P. E. S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Assessment of Anti-Microbial Agent Usage Pattern as Per the Given Susceptibility Testing Report"

> Thesis submitted in the partial fulfillment for the degree of Pharm. D

> > (DOCTOR OF PHARMACY)

In the faculty of pharmaceutical sciences SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Guided by Dr. Mayuri Khaparde

> Co-guided by Dr. Ashwini Joshi

> > Submitted by

Ms. Divya Hagawane Ms. Aparna Awhad

Ms. Muskan Radhanpura Mr. Pranav Yelamkar



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARM

NIGDI, PUNE (2022-23) (ACCREDITED BY NAAC)

Principal

P. E. S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"Assessment of Anti-Microbial Agent Usage Pattern as Perthe Given Susceptibility Testing Report"

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members.

Dr. S. B. Pawar Head & Associate Professor Department of Clinical Pharmacy

Dr. A. R. Kumbhar Assistant Professor Department of Clinical Pharmacy

Dr. R. P. Chavan Assistant Professor Department of Clinical Pharmacy

Dr. R. B. Mali Assistant Professor Department Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor, Department of Clinical Pharmacy Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy



P.E. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigor

Pune - 411 044.





CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "Assessment of Anti-Microbial agent usage pattern as per the given susceptibility testing report" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Ms. Divya Hagawane, Miss Muskan Radhanpura, Miss Aparna Awhad and Mr. Pranav Yelamkar under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 9/6/2023

Place: Nigdi

Dr. Mayuri Khaparde

(Pharm. D)
Assistant Professor
Project Guide



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







CERTIFICATE BY CO-GUIDE

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Date: 9 6 2023

Place: Nigdi, Pune

Dr Ashwini Joshi

MBBS D.N.B. (MEDICINE), Certificate Course in Evidence Based Diabetes Management (CCEBDM D.N.B. (MEDICINE)

Project Co-Guide



Principal
R.E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.









Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamuna Nagar, Nigdi, Pune- 44.
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Assessment of Anti-Microbial agent usage pattern as per the given susceptibility testing report" for Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Divya Hagawane, Miss Muskan Radhanpura, Miss Aparna Awhad and Mr. Pranav Yelamkar under the guidance of Dr. Mayuri Khaparde at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-23.

Date: 9 6 2025

Place: Nigdi



Modern Children Pharmacy Yamunarrayar Carry 10.21







Dr. S. B. Pawar

Associate Professor, Head of the Department of Clinical Pharmacy P.E.S. Modern College of Pharmacy, Yamuna Nagar, Nigdi, Pune- 44.

ENDORSEMENT BY THE HEAD OF THE DEPARTEMENT

This is to certify that the research presented in this thesis entitled, "Assessment of Anti-Microbial agent usage pattern as per the given susceptibility testing report" for Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Divya Hagawane, Miss Muskan Radhanpura, Miss Aparna Awhad and Mr. Pranav Yelamkar under the guidance of Dr. Mayuri Khaparde at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-23.

Date: 9/6/2023

Place: Nigdi

Dr. S. B. Pawar

Head and Assistant Professor

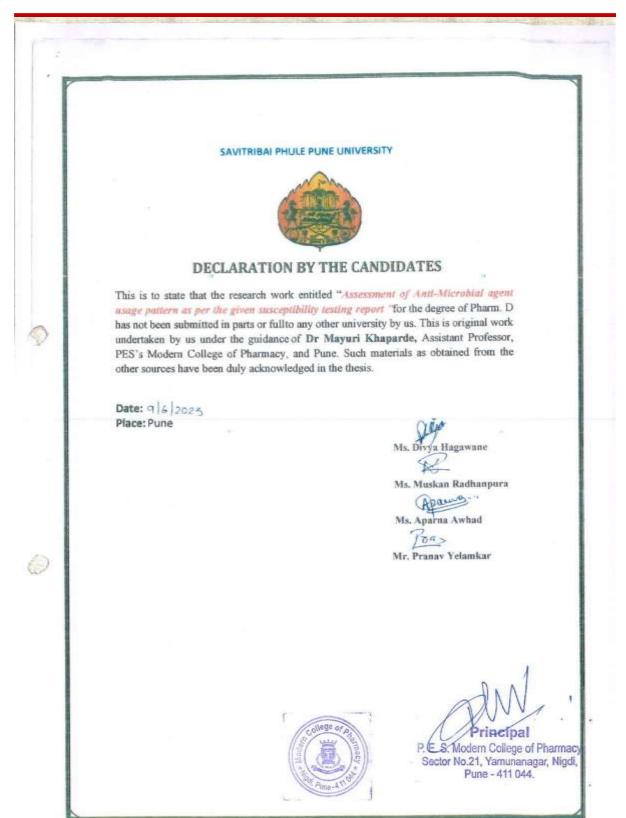
Department of Clinical Pharmacy

Pane A 18

Principal
P.E.S. Medern College of Pharmac Sector No.21, Yamunanagar, Nigd Pune - 411 044.

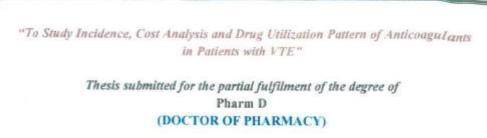












In the Department of Clinical Pharmacy SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Guided By Dr. Rajani Mali

Co-Guided By Dr. Narendra Javadekar

Submitted By

Ms. Rachita Sanjeev Ranasubhe Ms. Saloni Anirudha Yadav

Mr. Sanket Prashant Talegaonkar Ms. Jagruti Umesh Yenpure



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY.

> NIGDI, PUNE (2022-23) (ACCREDITED BY NAAC)

"To Study Incidence, Cost Analysis and Drug Util

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Arincipal





"To Study Incidence, Cost Analysis and Drug Utilization Pattern of Anticoagulants in Patients with VTE"

This topic has been discussed and approved by the departmental faculty members.

Dr S B Pawar

Dr. S. B. Pawar Head and associate Professor Department of Clinical Pharmacy Dr. A. R. Kumbhar Assistant Professor Department of Clinical Pharmacy

Dr. R. P. Chavan
Assistant Professor
Department of Clinical Pharmacy

Dr. R. B. Mali Assistant Professor Department of Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor Department of Clinical Pharmacy

Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy

> P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



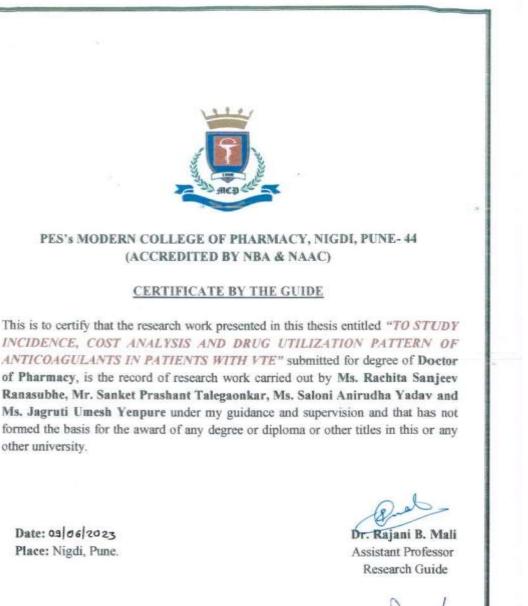
other university.

Date: 09 06 2023

Place: Nigdi, Pune.

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P. E. S. Modern College of Pharmac

Sector No.21, Yamunanagar, Nigdi Pune - 411 044.







CERTIFICATE BY THE CO-GUIDE

This is to certify that the research work presented in this thesis entitled "TO STUDY INCIDENCE, COST ANALYSIS AND DRUG UTILIZATION PATTERN OF ANTICOAGULANTS IN PATIENTS WITH VTE" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Ms. Rachita Sanjeev Ranasubhe, Mr. Sanket Prashant Talegaonkar, Ms. Saloni Anirudha Yadav and Ms. Jagruti Umesh Yenpure under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09/06/2023 Place: Nigdi, Pune. Dr. Narendra Javadekar MBBS M. D. (MED),

> D.N.B. (MED), M.A. (ECONOMICS) Research Co-Guide

mede of A

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Dr. P. D. Chaudhari

Principal,

P.E.S. Modern College of pharmacy,

Yamunanagar, Nigdi, Pune-44.

Ex Dean, Faculty of pharmaceutical sciences,

Savitribai Phule Pune University, Pune.

Endorsement By The Principal

This is to certify that the research work presented in this thesis entitled "TO STUDY INCIDENCE, COST ANALYSIS AND DRUG UTILIZATION PATTERN OF ANTICOAGULANTS IN PATIENTS WITH VTE" submitted for degree of Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Rachita Sanjeev Ranasubhe, Mr. Sanket Prashant Talegaonkar, Ms. Saloni Anirudha Yadav and Ms. Jagruti Umesh Yenpure under the guidance of Dr. R. B. Mali at P.E.S. Modern college of pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

(

Date: 09/06/2023 Place: Nigdi, Pune.

Dr. Pravin D. Chaudhari Principal, MCOP Modern College of Pharmacy

Yamunanag r, Sector No. 21 Nigdi, Pune-411 041







Dr. S. B. Pawar

HOD Pharm D.

Associate Professor.

P.E.S. Modern College of pharmacy,

Yamunanagar, Nigdi, Pune-44.

Endorsement By Head Of Department

This is to certify that the research work presented in this thesis entitled "TO STUDY INCIDENCE, COST ANALYSIS AND DRUG UTILIZATION PATTERN OF ANTICOAGULANTS IN PATIENTS WITH VTE" submitted for degree of Doctor of Pharmacy is a record of bonafide research work carried out by Ms. Rachita Sanjeev Ranasubhe, Mr. Sanket Prashant Talegaonkar, Ms. Saloni Anirudha Yadav and Ms. Jagruti Umesh Yenpure under the guidance of Dr. R. B. Mali at P.E.S. Modern college of pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09/06/2023 Place: Nigdi, Pune.

Olege of A

Dr. Sunita B. Pawar

S. Modern College of Pharmacy for No.21, Yamunanagar, Nigdi, Pune - 411 044.









DECLARATION BY THE CANDIDATES

This is to state that the research work entitled "TO STUDY INCIDENCE, COST ANALYSIS AND DRUG UTILIZATION PATTERN OF ANTICOAGULANTS IN PATIENTS WITH VTE" for the degree of Pharm. D has not been submitted in parts or full to any other university by us. This is original work undertaken by us under the guidance of Dr. Rajani Mali, Assistant Professor, PES's Modern College of Pharmacy, Pune and co- guide Dr. Narendra Javadekar, MBBS M. D. (MED), D.N.B. (MED), M.A. (ECONOMICS) (DMHRC - PI). Such materials as obtained from the other sources have been duly acknowledged in the thesis.

Date: 09/06/2023 Place: Nigdi, Pune.

Ms. Rachita Sanjeev Ranasubhe

Mr. Sanket Prashant Talegaonkar

Ms. Saloni Anirudha Yadav

Ms. Jagruti Umesh Yenpure

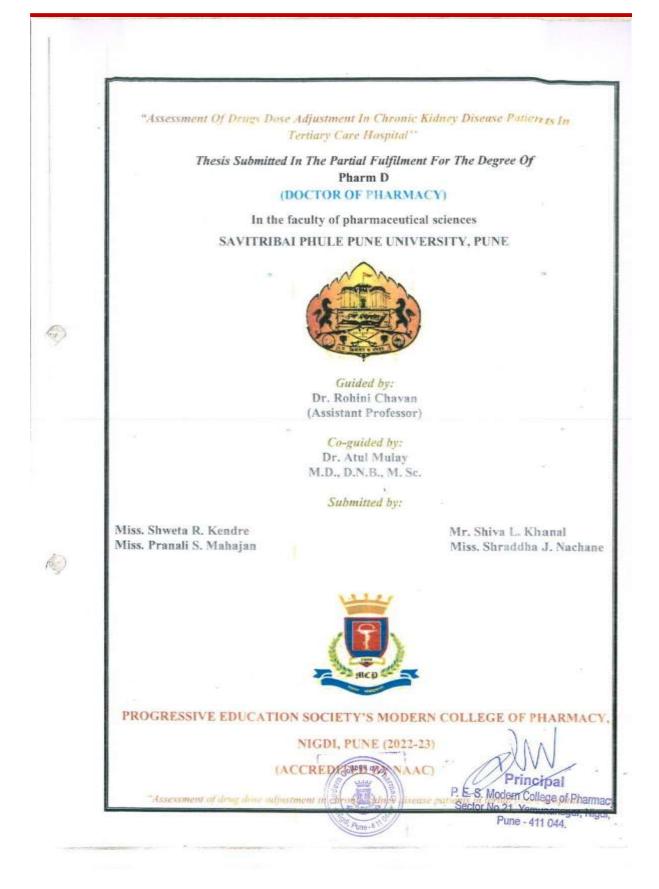
"To Study Incidence, Cost Analysis and Drug Utilization Pattern of Anticoagu

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044













"Assessment Of Drugs Dose Adjustment In Chronic Kidney Disease Patients In Tertiary Care Hospital"

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members.

Dr. S. B. Pawar Head & Associate Professor Department of Clinical Pharmacy

Dr. R. P. Chavan Assistant Professor Department of Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor Department of Clinical Pharmacy Dr. A. R. Kumbhar Assistant Professor Department of Clinical Pharmacy

Dr. R. B. Mali Assistant Professor Department of Clinical Pharmacy

Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy

College of a service of the service

P. El S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

"Assessment of drug dose adjustment in chronic kidney disease patients in tertiary care hospital"







CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "Assessment Of Drugs Dose Adjustment In Chronic Kidney Disease Patients In Tertiary Care Hospital" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by "Miss. Shweta R. Kendre, Mr. Shiva L. Khanal, Miss. Pranali S. Mahajan and Miss. Shraddha J. Nachane under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09 06 2023

Place: Nigdi

Dr. Rohini Chavan

(Pharm D) Assistant Professor Project Guide



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

"Assessment of drug done adjustment in chronic kidney disease patients in terriary care haspital







Dr. P. D. Chaudhari

Principal,

P.E.S. Modern College of Pharmacy,

Yamunanagar, Nigdi, Pune-44.

Ex-Dean, Faculty of pharmaceutical sciences,

Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

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Date: 09 06 2023

Place: Nigdi



P. B. D. Chaudhari

P. B.

"Assessment of drug dose adjustment in chronic kidney disease patients in tertiary care hospital"









DECLARATION BY THE CANDIDATES

This is to state that the research work entitled "Assessment Of Drugs Dose Adjustment to Chronic Kidney Disease Patients In Terriary Care Hospital" the degree of Pharm.D has not been submitted in parts or full to any other university by us. This is original work undertaken by us under the guidance of Dr. Rohini Chavan, Assistant Professor, PES's Modern College of Pharmacy, Pune. Such materials as obtained from the other sources have been duly acknowledged in the thesis.

Date: 09 86 2023

Place: Pune

Miss. Shweta R. Kendre

(Rond re (P.))

Mr. Shiva L. Khanal

Miss, Pranali S. Mahajan

Miss. Shraddha J. Nachane

Colvede of A

E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

"Assessment of drug dose adjustment in chronic kidney disease patients in tertiary cure hospital







Dr. S. B. Pawar

HOD Pharm D,

Associate Professor,

P.E.S. Modern College of Pharmacy,

Yamunanagar, Nigdi, Pune-44.

Endorsement By Head Of Department

This is to certify that the research work presented in this thesis entitled "Assessment Of Drugs Dose Adjustment In Chronic Kidney Disease Patients In Tertiary Care Hospital" submitted for degree of Doctor of Pharmacy is a record of bonafide research work carried out by Miss. Shweta R. Kendre, Mr. Shiva L. Khanal, Miss. Pranali S. Mahajan and Miss. Shraddha J. Nachane, under the guidance of Dr. Rohini Chavan at P.E.S. Modern college of pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09 0 6 2023

Place: Nigdi, Pune.

Dr. Sunita B. Pawar

Associate Professor Head of Department Clinical Pharmacy

Assexament of dring dose adjustment in chronic kidney desease p

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Principal



Criteria 1: Curricular Aspects





Thesis submitted in the partial fulfillment for the degree of Pharm. D

(DOCTOR OF PHARMACY)

In the Faculty of Pharmaceutical Sciences

SAVITRIBAI PHULE PUNE UNIVERSITY,

PUNE



Guided by

Dr. Mayuri S. Khaparde

Co-guided by

Dr. Shilpa Kalane

Submitted by

Mr. Satywan Rajendra Kumbhar

Mr. Akash Rajesh Mahamuni

Ms. Sujata Hanumant Thokal

Ms. Sukshamta Digambar Balure



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE (2022-23)

(ACCREDITED BY NBA & NAAC)

- allege of p

To design, develop and validate the screening tool for

S. Medern College of Pharms

Pune - 411 044.





"TO DESIGN, DEVELOP AND VALIDATE THE SCREENING TOOL FOR MINIMIZING PRESCRIPTION ERROR IN NEONATES"

LETTER OF APPROVAL

The topic has been discussed and approved by the faculty member.

Dr. S. B. Pawar Head & Associate Professor Department of Clinical pharmacy

Dr. A.R. Kumbhar Assistant Professor, Department of Clinical Pharmacy

Dr. R. P. Chavan Assistant Professor, Department of Clinical Pharmacy

Dr. R. B.Mali Assistant Professor Department of Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor, Department of Clinical Pharmacy Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy

To design, develop and validate the screening tool for

S. Modern College of Pharma Sector No.21, Yamunanagar, Nigo

Pune - 411 041.







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44

(ACCREDITED BY NBA &NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "To design, develop and validate the Screening tool for minimizing prescription error in neonates" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Mr. Satywan Rajendra Kumbhar, Mr. Akash Rajesh Mahamuni, Ms. Sujata Hanumant Thokal, Ms. Sukshamta Digambar Balure under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09/06/2023

Place: Nigdi

Dr. Mayuri. S. Khaparde

(Pharm . D)

Research Guide

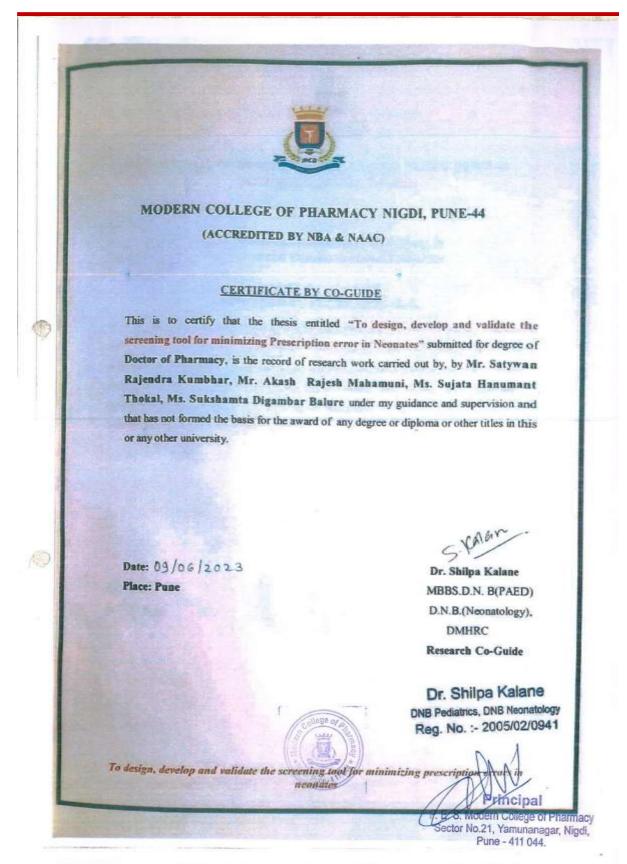
P.E. Seo

P.E.S. Modern College of Pharmacy Sector Ne.21, Yamunanagar, Nigdi,

Pune - 411 044.













Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.
Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule Pune
University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "To design, develop and validate The screening tool for minimizing prescription errors in neonates" is a record of bonafide research work carried out by Mr.Satywan Rajendra Kumbhar, Mr. Akash Rajesh Mahamuni, Ms. Sujata Hanumant Thokal, Ms. Sukshamta Digambar Balure under the guidance of Dr. Mayuri S. Khaparde at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date:09/06/2023

Place: Nigdi

College of Asset

Dr. Prayin D. Chaudhari
Pripcipal
P. Epsneiph's
Modern College of Pharmacy
Yamunanayar Sector No.21

Night Plane 411 Use







Dr. S. B. Pawar

HOD, Pharm D

P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

ENDORSEMENT BY THE HEAD OF THE DEPARTMENT

This is to certify that the research presented in this thesis entitled, "To design, develop and validate The screening tool for minimizing prescription errors in neonates" is a record of bonafide research work carried out by Mr.Satywan Rajendra Kumbhar, Mr. Akash Rajesh Mahamuni, Ms. Sujata Hanumant Thokal, Ms. Sukshamta Digambar Balure under the guidance of Dr. Mayuri S. Khaparde at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09/06/2023

Place: Nigdi

0

Dr. S. B. Pawar

Head of Department Clinical Pharmacy

Ame-4 HV

P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION BY THE CANDIDATES

This is to state that the research work entitled "TO DESIGN, DEVELOP AND VALIDATE THE SCREENING TOOL FOR MINIMIZING PRESCRIPTION ERROR IN NEONATES" for the degree of PharmD has not been submitted in parts or full to any other university by us. This is original work undertaken by us under the guidance of Dr. Mayuri S. Khaparde, Assistant Professor, PES's Modern College of Pharmacy, Pune. Such materials as obtained from the other sources have been duly acknowledged in the thesis.

Date: 09/06/2023

Place: Pune

Mr. Satywan R. Kumbhar

Mr. Akash R. Mahamuni

Ms. Sujata H. Thokal

Ms. Sukshamta D. Balure

P. E. S. Modern Cellege of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.



Criteria 1: Curricular Aspects





Thesis submitted in the partial fulfillment for the degree of Pharm. D

(DOCTOR OF PHARMACY)

in the faculty of Pharmaceutical Science

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Guided by Dr. S. B. Pawar

Co-guided by Dr. Shilpa Kalane

Submitted by

Ms. Vaishnavee Deshmukh Ms. Vaishnavi Panchariya Mr. Gaurav Memeane Mr. Vedant Patil



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF
PHARMACY,
NICOL BUDGE (2022-22)

NIGDI, PUNE (2022-23) (ACCUEDITED BY NAAC)

P. E. Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdl, Pune - 411 044.





"DESIGN, DEVELOPMENT AND VALIDATION OF SCREENING TOOL FOR IV MEDICATIONS INCOMPATIBILITY IN NEONATES"

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members

Dr. S. B. Pawar Head & Associate Professor Department of Clinical Pharmacy Dr. A. R. Kumbhar Assistant Professor, Department of Clinical Pharmacy

Dr. R. P. Chavan Assistant Professor, Department of Clinical Pharmacy

Dr. R. B. Mali Assistant Professor, Department of Clinical Pharmacy

Dr. M. S. Khaparde Assistant Professor, Department of Clinical Pharmacy

Mr. S. R. Savadekar Assistant Professor Department of Clinical Pharmacy

olege of A

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "Design, Development and Validation of Screening Tool for IV medications incompatibility in Neonates" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Miss. Vaishnavee Deshmukh, Mr. Gaurav Memane, Miss. Vaishnavi Panchariya, and Mr. Vedant Patil under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

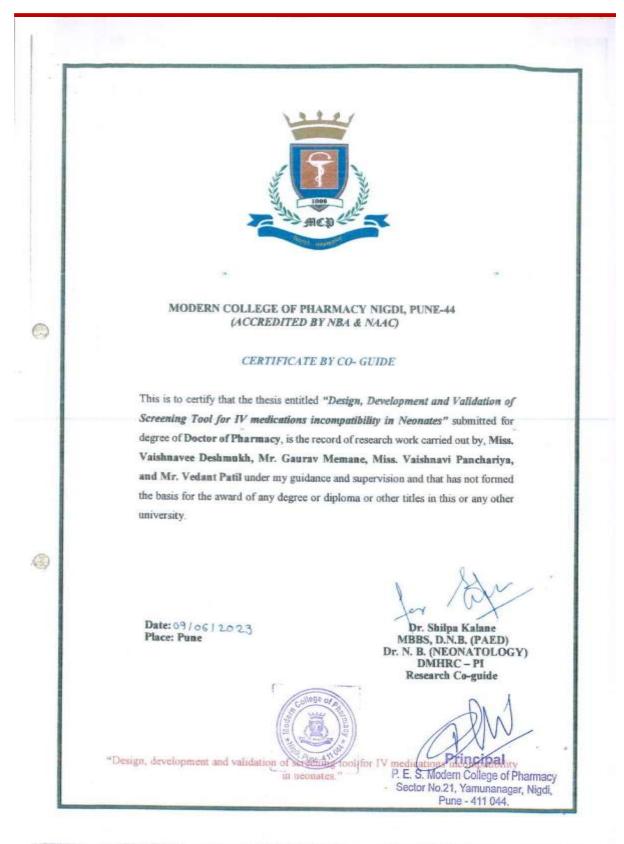
Date: 09/06/2023 Place: Nigdi Dr. S. B. Pawar (Head & Associate Professor Department of Clinical Pharmacy) Research Guide



P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.













PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. P. D. Chandhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamuna Nagar, Nigdi, Pune- 44
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Design, Development and Validation of Screening tool for IV medications incompatibility in neonates" for Doctor of Pharmacy is a record of bonafide research work carried out by Miss. Vaishnavee Deshmukh, Mr. Gaurav Memane, Miss. Vaishnavi Panchariya, and Mr. Vedant Patil under the guidance of Dr. S. B. Pawar at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during theacademic year 2022-2023.

Date: 09/06/2023

Place: Nigdi

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Dr. PPIntipaliari
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Modern College of Pharmacy
YamMCOP, Nigdi, Pune 21







Dr. S. B. Pawar

HOD, Pharm D Associate Professor, P.E.S. Modern College of Pharmacy, Yamuna Nagar, Nigdi, Pune- 44.

ENDORSEMENT BY THE HEAD OF DEPARTMENT

This is to certify that the research presented in this thesis entitled, "Design, Development and Validation of Screening tool for IV medications incompatibility in neonates" for Doctor of Pharmacy is a record of bonafide research work carried out by Miss. Vaishnavee Deshmukh, Mr. Gaurav Memane, Miss. Vaishnavi Panchariya, and Mr. Vedant Patil under the guidance of Dr. S. B. Pawar at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during theacademic year 2022-2023.

Date: 09/06/2023

Place: Nigdi

Dr. S. B. Pawar Head of Department Clinical Pharmacy

"Design, development and validation of screening in peopates

deutous insprincipal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION BY THE CANDIDATES

This is to state that the research work entitled " Design, Development and Validation of Screening Tool for IV Medications Incompatibility in Neonates" for the degree of Pharm. D has not been submitted in parts or full to any other university by us. This is original work undertaken by us under the guidance of Dr. S. B. Pawar, Head & Associate Professor, Department of Pharm D, PES's Modern College of Pharmacy, Pune and co-guide Dr. Shilpa Kalane, MBBS D.N.B (PAED), Dr. N. B. (NEONATOLOGY) (DMHRC-PI). Such materials, as obtained from the other sources, have been duly acknowledged in the thesis.

Date: 09/06/2023 Place: Pune

Miss. Vaishnavee Deshmukh

Mr. Gaurav Memane



Miss. Vaishnavi Panchariya



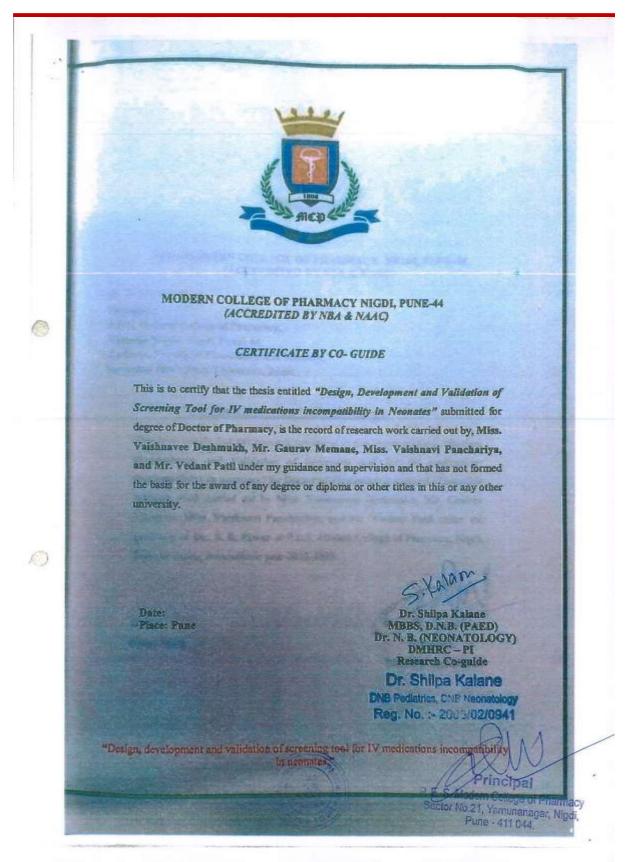
Mr. Vedant Patil

"Design, development and validation of screening

m College of Pharma lo.21, Yamunanagar, Nig Pune - 411 044.

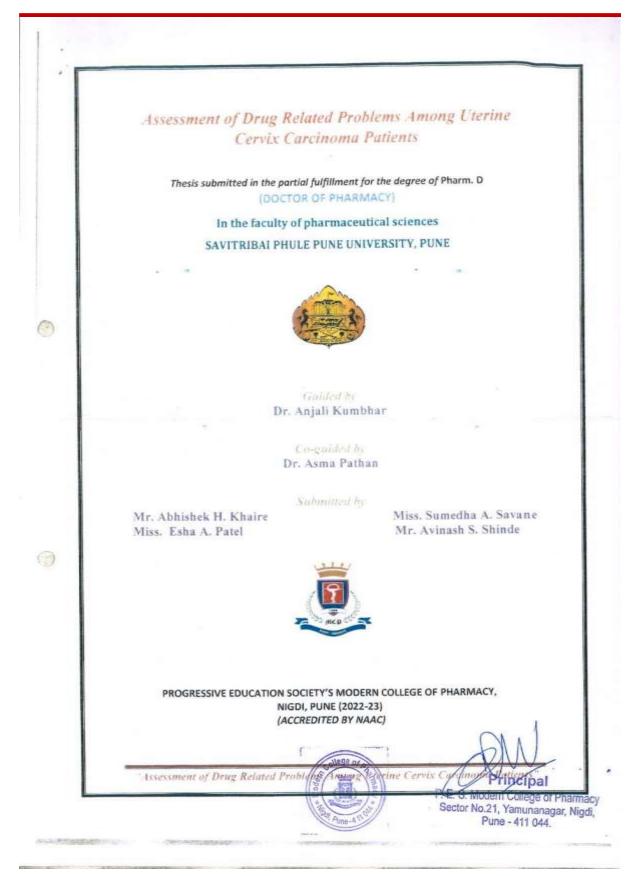














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Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members.

XO

Dr. S. B. Pawar Head & Associate Professor Department of Pharm. D - Stirle

Dr. A. R. Kumbhar Assistant Professor, Department of Pharm. D

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Dr. R. P. Chavan Assistant Professor, Department of Pharm. D Dr. R. B. Mali Assistant Professor Department of Pharm. D

A CONTRACTOR OF THE CONTRACTOR

Dr. M. S. Khaparde Assistant Professor, Department of Pharm. D Mr. S. R. Savadekar Assistant Professor Department of Pharm. D



PES. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients"







PES'S MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44 (ACCREDITED BY NBA & NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Mr. Abhishek H. Khaire, Miss. Esha A. Patel, Miss. Sumedha A. Savane and Mr. Avinash S. Shinde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09 06 2023

Place: Nigdi

Dr. Anjali Kumbhar

(Assistant Professor)

Research Guide

P.E.S. Modern Callege of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Assessment of Drug Related Problems Thomas Uterine Cervix Carcibolia Patients



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MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

CERTIFICATE BY CO- GUIDE

This is to certify that the thesis entitled "Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by, Mr. Abhishek H. Khaire, Ms. Esha A. Patel, Ms. Sumedha A. Savane and Mr. Avinash S. Shinde under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Dr.Asma Pathan
MPF3.MD(General Medicine)
.d (Medical Oncology)
Reg no 324/10/2013

Date: 09 06 2023

Dr. Asma Pathan

Consultant Medical Oncologist Indrayani Hospital and Cancer Institute, Alandi, Pune

Place: Nigdi, Pune

Research Co-Guide

P. E. S. Modern College of Pharmacy

Assessment of Drug Related Problems Among Uterine Cervix Capain and Platents







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. P. D. Chaudhari

Principal,
P.E.S. Modern College of Pharmacy,
Yamuna nagar, Nigdi, Pune-44.
Ex-Dean, Faculty of Pharmaceutical Sciences,
Savitribai Phule Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients" is a record of bonafide research work carried out by Mr. Abhishek H. Khaire, Miss. Esha A. Patel, Miss. Sumedha A. Savane and Mr. Avinash S. Shinde under the guidance of Dr. Anjali Kumbhar at P.E.S. Modern College of Pharmacy. Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09 06 2023

Place: Nigdi

Pham D

Dr. P. D. Chaudhari

Modern Milege of Pharmary Yamunanagar, Sector No.2: Nigdi, Pune-411 044

Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients'







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. S. B. Pawar

HOD, Pharm D Associate Professor, P.E.S. Modern College Pharmacy, Yamuna nagar, Nigdi, Pune-44

CERTIFICATE BY HEAD OF DEPARTMENT

This is to certify that the research presented in this thesis entitled, "Assessment of Drug Related Problems Among Uterine Cervix Carcinoma Patients" is a record of bonafide research work carried out by Mr. Abhishek H. Khaire, Miss. Esha A. Patel, Miss. Sumedha A. Savane and Mr. Avinash S. Shinde under the guidance of Dr. Anjali Kumbhar at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date: 09 06 2023

Place: Nigdi

Dr. S. B. Pawar

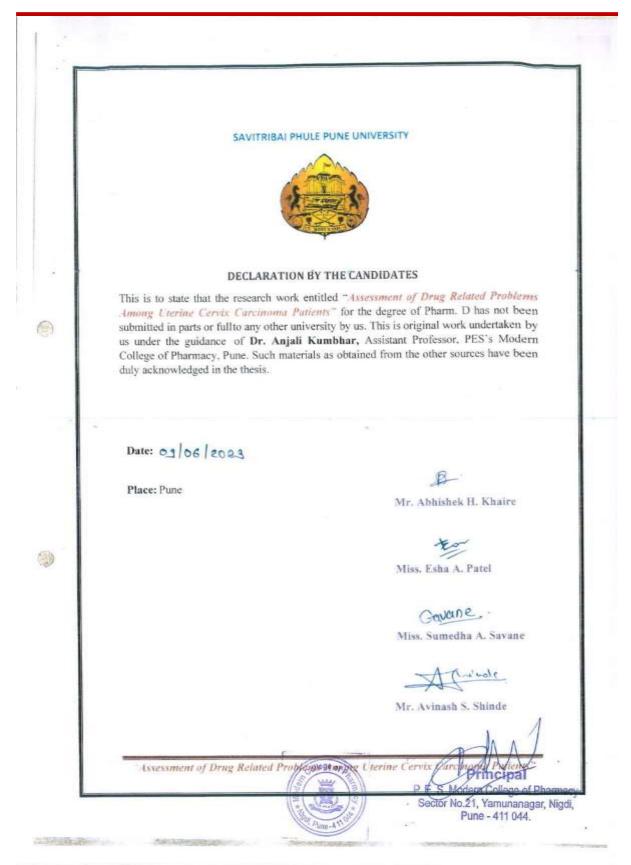
HOD, Pharm. D

8 Modern College of Pharma

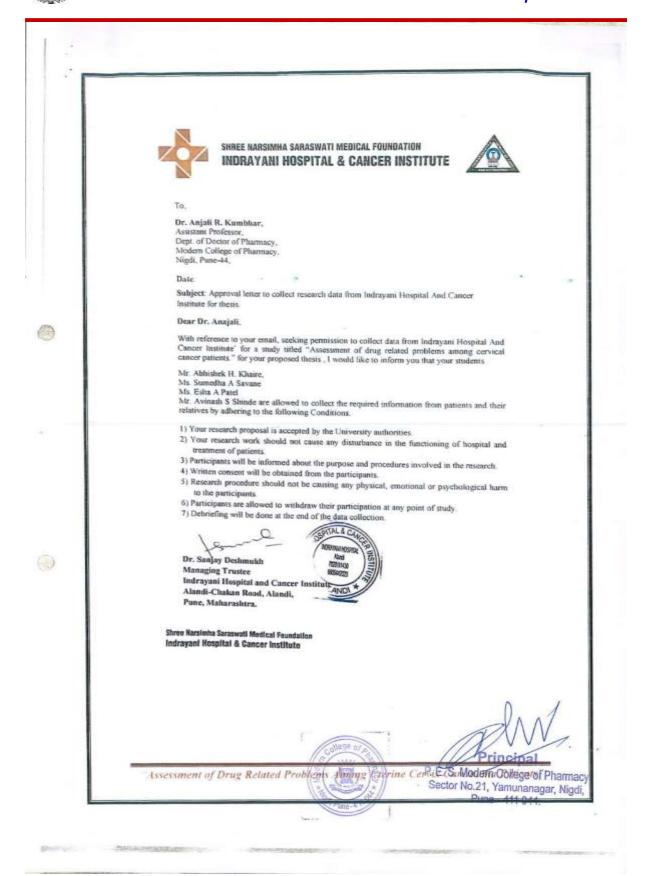
Assessment of Drug Related Problems Among Uterine Cervi Sector No.24, Namunanagar, Nige Pune - 411 044.















"DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS."

Thesis submitted in the partial fulfillment for the degree of Pharm. D

(DOCTOR OF PHARMACY)

In the faculty of pharmaceutical sciences SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



Guided by Mr. Siddhartha R. Savdekar

> Co-guided by Dr. Sunita Pawar

> > Submitted by

Mr. Nitesh R. Agrawal Mr. Shubham R Kudale Ms. Shruti C Akhade Ms. Ashwini A. Vare



PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY,

NIGDI, PUNE (2021-22) (ACCREDITED BY NAAC)

"DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERAL RELATED TO CARDIOVASCULAR RISK FACTOR IS SOCIOLOGICAL FACTOR

> Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





"DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS."

LETTER OF APPROVAL

The topic has been discussed and approved by the departmental faculty members.



Dr. S. B. Pawar

Head and Associate Professor

Department of Clinical Pharmacy

Dr. R. P. Chavan

(1)

Assistant Professor

Department of Clinical Pharmacy

Dr. M. S. Khaparde

Assistant Professor

Department of Clinical Pharmacy

Dr. A. R. Kumbhar

Assistant Professor

Department of Clinical Pharmacy

Dr. R. B. Mali

Assistant Professor

Department of Clinical Pharmacy

Mr. S. R. Savdekar

Assistant Professor

Department of Clinical Pharmacy

DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL RELATED TO CARDIOVASCULAR RISK FAN

P.E.S. Modern College of Pharmacy







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE- 44

(ACCREDITED BY NBA & NAAC)

CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS." submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Mr. Nitesh R. Agrawal, Ms. Shruti C. Akhade, Mr. Shubham R. Kudale and Ms. Ashwini A. Vare under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09/06/1023

Place : Nigdi, Pune

Mr. S. R. Savdekar

Assistant Professor, Department of

Pharm D

6.THOU

Research Guide

DEVELOPMENT OF THE MOBILE

P. E. S Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







MODERN COLLEGE OF PHARMACY NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

CERTIFICATE BY CO-GUIDE

This is to certify that the research work presented in this thesis entitled "DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS." submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Mr. Nitesh R. Agrawal, Ms. Shruti C. Akhade, Mr. Shubham R. Kudale and Ms. Ashwini A. Vare under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 09 | 06 (2013

Place: Nigdi, Pune.

Dr. S. B. Pawar

Head and Associate Professor

Department of Pharm D

Research Co-Guide

DEVELOPMENT OF THE MOBIL

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Pune - 411 044







PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. P. D. Chaudhari

Principal,

P.E.S. Modern College of Pharmacy, Yamunanagar,

Nigdi, Pune- 44.

Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribai Phule

Pune University, Pune.

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research presented in this thesis entitled, "DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS." for Doctor of Pharmacy is a record of bonafide research work carried out by Mr. Nitesh R. Agrawal, Ms. Shruti C. Akhade, Mr. Shubham R. Kudale and Ms. Ashwini A. Vare under the guidance of Mr. S. R. Savdekar and Dr. S. B. Pawar at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

應

Date:

Place: Nigdi, Punc

Dr. Pravio Di Chaddhari E. Society's Principal ollege of Pharmacy

Nigdi, Prine 411 044

"DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN CVD."



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PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. S. B. Pawar,

HOD, Department of Pharm D P.E.S. Modern College PharmacyNigdi, Pune-44

ENDORSEMENT BY THE HEAD OF DEPARTMENT

This is to certify that the research presented in this thesis entitled, "DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS." for Doctor of Pharmacy is a record of bonafide research work carried out by Mr. Nitesh R. Agrawal, Ms. Shruti C. Akhade, Mr. Shubham R. Kudale and Ms. Ashwini A. Vare under the guidance of Mr. S. R. Savdekar and Dr. S. B. Pawar at P.E.S. Modern College of Pharmacy, Nigdi, Pune 44 during the academic year 2022-2023.

Date:09 00 2027

Place: Nigdi, Pune

Dr. S. B. Pawar

Head and Associate Professor

Department of Pharm D

Research Co-Guide

Oldege of Annual Annual

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

*DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN CVD.





SAVITRIBAI PHULE PUNE UNIVERSITY



DECLARATION BY THE CANDIDATES

This is to state that the research work entitled "DEVELOPMENT OF THE MOBILE APPLICATION FOR DIGITAL LITERACY IN SOCIOLOGICAL FACTORS RESPONSIBLE FOR CARDIOVASCULAR RISKS." for the degree of Pharm. D has not been submitted in parts or fullto any other university by us. This is original work undertaken by us under the guidanceof Mr. S. R. Savdekar, Assistant Professor, PES's Modern College of Pharmacy, Pune. Such materials as obtained from the other sources have been duly acknowledged in the thesis.

Date: 09/06/2013

Mr. Nitesh R. Agrawal

Ms. Shruti C. Akhade

Mr. Shubham R. Kudale

Ms. Ashwini A. Vare

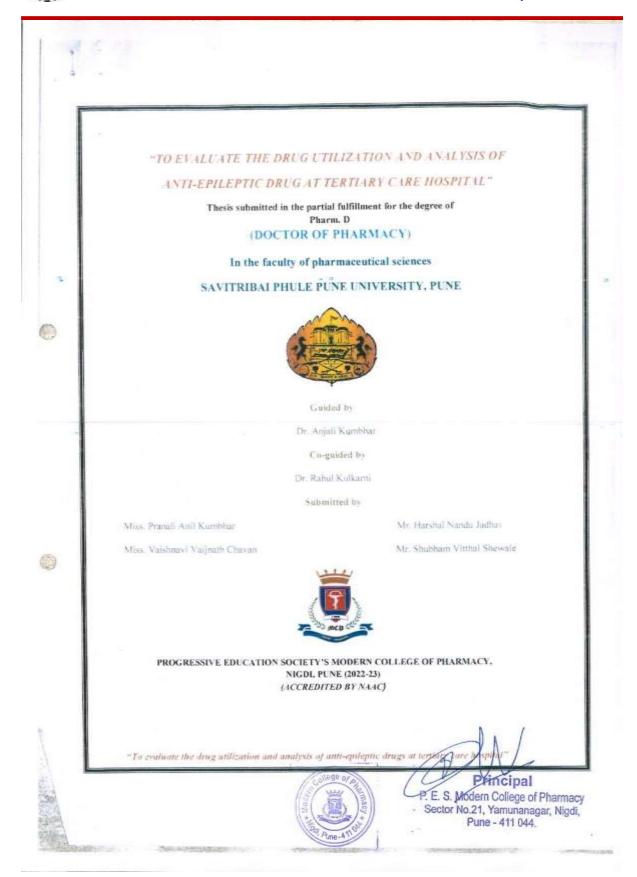
Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

"DEVELOPMENT OF THE MÖBILE APPLICATION FOR DIGITAL LITERACY IN CVD."

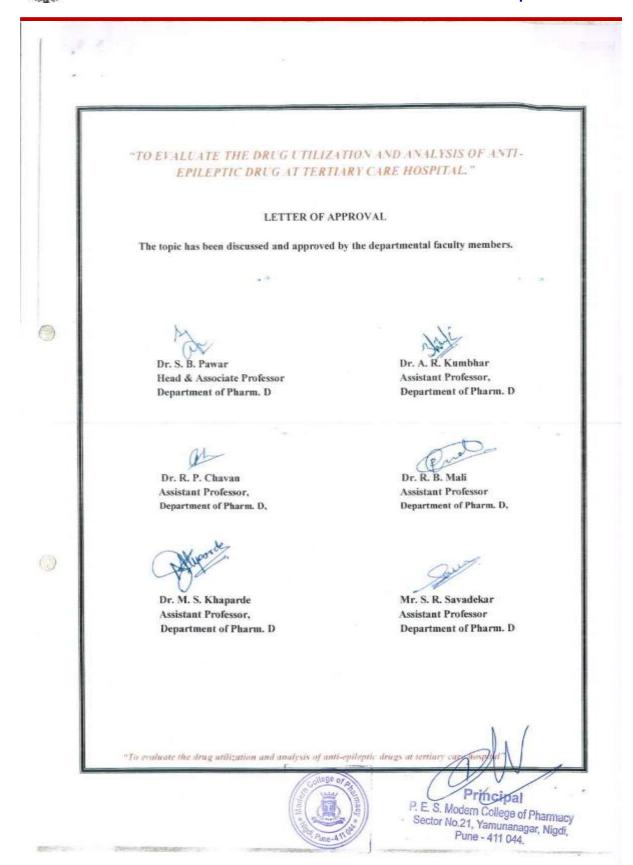


Criteria 1: Curricular Aspects















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CERTIFICATE BY THE GUIDE

This is to certify that the research work presented in this thesis entitled "To evaluate the drug utilization and analysis of Anti-epileptic drugs at tertiary care hospital" submitted for degree of Doctor of Pharmacy, is the record of research work carried out by Miss. Pranali A Kumbhar, Mr. Harshal N Jadhav, Miss. Vaishnavi V Chavan, Mr. Shubham V Shewale under my guidance and supervision and that has not formed the basis for the award of any degree or diploma or other titles in this or any other university.

Date: 08/06/2023 Place: Nigdi, Pune. Dr. Anjali Kumbhar (Assistant professor) Research Guide

*To evaluate the drug utilization and analysis of anti-epileptic drugs at tertiory care

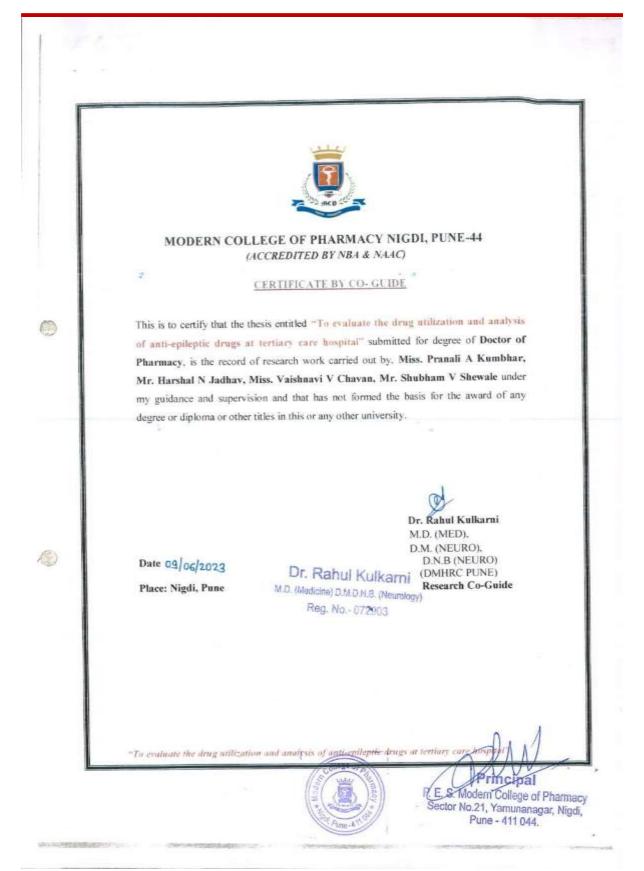


Principal

P.E.S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

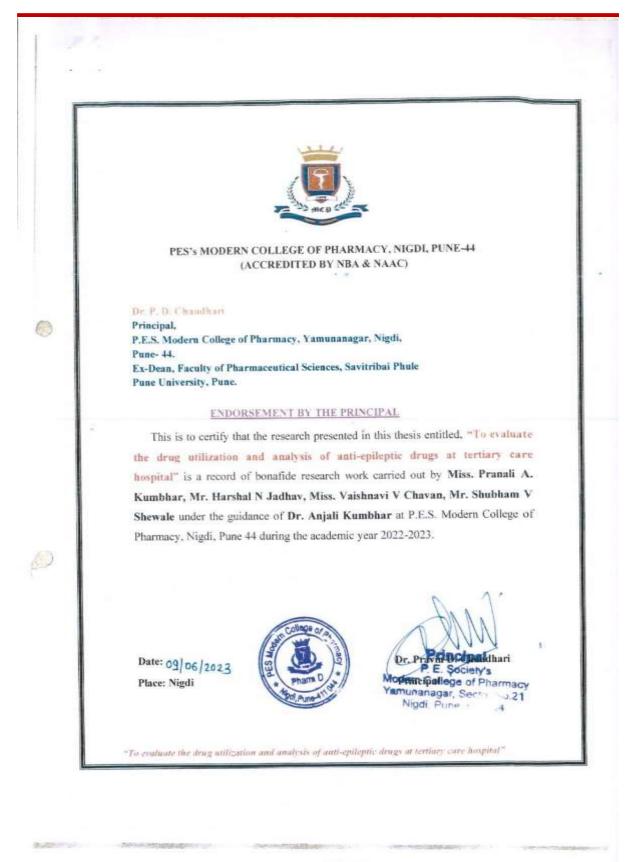
















PES's MODERN COLLEGE OF PHARMACY, NIGDI, PUNE-44 (ACCREDITED BY NBA & NAAC)

Dr. S. B. Pawar

HOD PHARM D, ASSOCIATE PROFESSOR P.E.S. Modern College of Pharmacy, Yamunanagar, Nigdi, Pune- 44.

ENDORSEMENT BY HEAD OF DEPARTMENT

This is to certify that the research presented in this thesis entitled, "To evaluate the drug utilization and analysis of anti-epileptic drugs at tertiary care hospital" is a record of bonafide research work carried out by Miss. Pranali A. Kumbhar, Mr. Harshal N Jadhav, Miss. Vaishnavi V. Chavan, Mr. Shubham V Shewale under the guidance of Dr. Anjali Kumbhar at P.E.S. Modern College of Pharmacy, Nigdi, Pane 44 during the academic year 2022-2023.

Date: 09 06 2023

Place: Nigdi Pune

(DX

Dr. Sunita B. Pawar

HOD Pharm. D

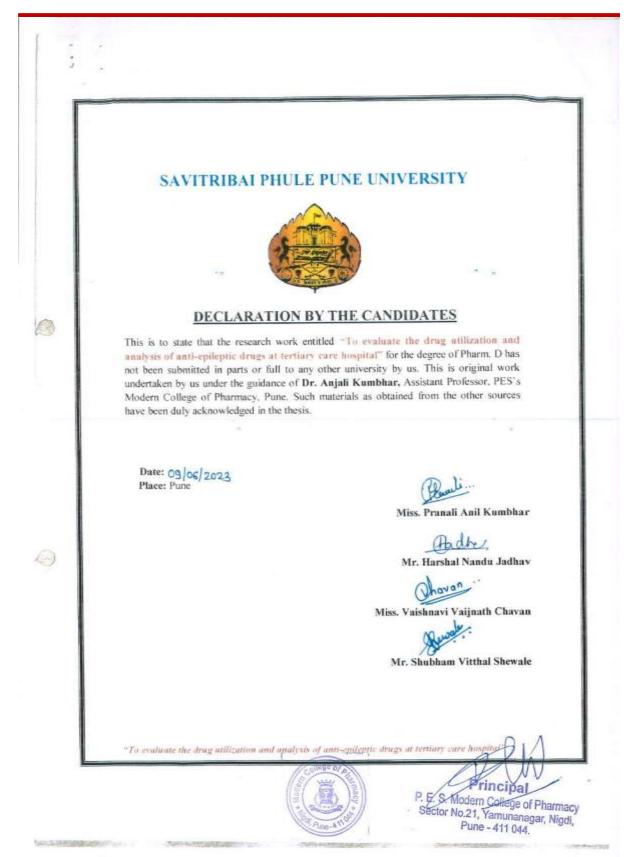
"To evaluate the drug utilization and analysis of anti-epileptic drugs at tertiary care howital

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R.E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.











First Year B. Pharm Environmental Science Project



Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Accredited by NAAC & NBA (B.Pharm. 2019 to June 2022)

'Best College Award' by Savitribai Phule Pune University

Approved by All India Council for Technical Education, New Delhi, Pharmacy Council of India, New Delhi, Directorate of Technical Education, Mumbai (MS), Permanently affiliated to Savitribai Phule Pune University, Pune & Approved under Section (2 (f) & 12 (B) of UGC Act, 1956

Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044. (M.S.) Tel.: 020-27661314 / 15 E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal

Prof. Dr. Gajanan R. Ekbote M.S. M.N.A.M.S. Chairman, Business Council P.E.Soclety, Pune

Ref:

() B

B. PHARM FIRST YR. ENVIROMENTAL PROJECT DETAILS -2022-23

| Roll No. | Name of the Students | Tital of project | |
|----------|-------------------------------|---|--|
| 1001 | AMRUTKAR SACHIN EKNATH | London Smog | |
| 1002 | ANDRE DISHA YASHWANT | | |
| 1003 | ATTARKAR YASH GANESH | | |
| 1004 | BANSODE PAYAL ANGAD | Chemobyl Disaster | |
| 1005 | BHAKAD DARSHAN LAXMAN | | |
| 1006 | BHARAMBE BHAKTI CHANDRAKANT | | |
| 1007 | BHARAMBE MIHIR SHIVAJI | 1994 - 1995 - 1915 - 19 | |
| 1008 | BHATANE CHAITANYA GOVIND | Bhopal Gas Tragedy | |
| 1009 | BHOI NEERAJ KISHOR | | |
| 1010 | BHOPALE SANIKA RAJESH | The Exxon Valdez Oil Spill | |
| 1011 | BHOSALE SURABHI RAMESH | | |
| 1012 | BHOSLE RUSHIKESH KRISHNA | | |
| 1013 | BHURKUNDE SHUBHAM NARAYAN | The Seveso Disaster | |
| 1014 | CHENDKE VAISHNAVEE ANAND | | |
| 1015 | CHOUGULE RAJWARDHAN DIGAMBAR | | |
| 1016 | DAHIPHALE ADITYA ADINATH | Minamata Disease | |
| 1017 | DALAVI SNEHA SANTOSH | | |
| 1018 | DALVI SAKSHI AMAR | | |
| 1019 | DATE SNEHAL KHANDU | Southern Leyte Rock Slide/Avalanche | |
| 1020 | DATIR SARTHAK DEEPAK | | |
| 1021 | DHANAVADE SHUBHAM CHANDRAKANT | | |
| 1022 | DHANDE SWARAJ GANPAT | Deepwater Horizon/ Gulf of Mexico Oilspill | |
| 1023 | DHORE HARSHAL LALASAHEB | | |
| 1024 | GAIKWAD ROHIT RAOSAHEB | | |
| 1025 | GAVHANE SHRAVANI BHAIRAVNATH | Baia Mare Cyanide Spill | |
| 1026 | GAWARI GAYATRI SHIVAJI | | |
| 1027 | GRODAKE SAVITRI VISHWANATH | | |
| | 4 | | |

SUBJECT INCHARGE

RINGIPAL Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

STRIVING TOWARDS EXCELLENCE FOREVER







MODERN COLLEGE OF PHARMACY

Accredited by NAAC & NBA (B.Pharm. 2019 to June 2022)

'Best College Award' by Savitribai Phule Pune University

Approved by All India Council for Technical Education, New Delhi, Pharmacy Council of India, New Delhi,
Directorate of Technical Education, Mumbai (MS), Permanently affiliated to
Savitribai Phule Pune University, Pune & Approved under Section (2 (f) & 12 (B) of UGC Act, 1956

Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044. (M.S.) Tel.: 020-27661314 / 15

E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal Prof. Dr. Gajanan R. Ekbote M.S. M.N.A.M.S. Chairman, Business Council P.E.Society, Pune

Date :

Ref:

B. PHARM FIRST YR. ENVIROMENTAL PROJECT DETAILS -2022-23

| Roll bin. | Name of the Students | Trile of project | |
|-----------|----------------------------|--|--|
| 1028 | GHUGE POONAM SHARAD | - Control of the Cont | |
| 1029 | GIDYE PRASHANTI RAMESH | Love Canal Tragedy | |
| 1030 | GOVEKAR VAIDERI SHRINIWAS | | |
| 1031 | GUILAV PRATHMESH RAJARAM | The North Pacific Gurhage Patids | |
| 1032 | HOLE AISHWARYA DILEEP | | |
| (0)1 | INGALE DARSHIL SANJOG | | |
| 1034 | JADAR TRUPTI ASHOK | E-waste in Guiya, China | |
| 1035 | JADHAV ANUSHKA | | |
| 1036 | JADHAV MANIK SOMDEV | | |
| 10137 | JADHAY PRACHLEKNATH | Dust Bowl in Canada and United States | |
| 1038 | JADHAY ROHAN RAJENDRA | | |
| 1039 | JAGALPURE SANSKRUTI SANJAY | | |
| 1040 | JAGDALE TANMAY BHARAT | | |
| 1041 | JAGTAP VAIBHAV ANNASAHEB | The Grant Sparrow Campaign (China) | |
| 1042 | JAMADAR YASHPAL MANSING | | |
| 1/043 | JANE ACHAL SUDHER | Ductime of Vultures in India due to Dictoferac leads to increased incidences of ration | |
| 1044 | JUMADE KHOSHBOO DEEPAK | | |
| 1045 | KACHARE VAISHNAVI GOVIND | | |
| 1046 | KAMBALE VRUNDALI BHAUSAHEB | Definestation of Faster Island | |
| 1047 | KAMBLE SAINATH PANDURANG | | |
| 1048 | KARALE VAISHNAVI TARUN | | |
| 1049 | KARANDE SNEHAL RAMCHANDRA | Environmental Threms to The Great Barrier Reel | |
| 1050 | KASHID PRATIKSHA PRADIP | | |
| 1031 | KATE VAISHNAVI SHANKAR | | |
| 1052 | KATKHEDE JANHAVI SUNIL | Donum Sirring | |
| 1053 | KHANDARE BUTUJA JAGANNATH | | |
| 1054 | KHEDKAR SHRAVANI SANDEEP | | |
| 1055 | KHERDE ADITI RAJESH | Fukushima Danchi Nuchear Danader | |
| 1956 | KOKATE SHILPA DNYANESHWAR | | |
| 1857 | KOTHE MRUNMAY | | |
| 1058 | KULKARNI KAUSTUBH MILDID | Melbourne Dant Starm: | |
| 1059 | KULKARNI VISHAL VINAYAK | | |
| 1060 | KURHE SHREYAS BABASAHEB | | |
| 1061 | LOKHANDE PRIYA NAVNATH | 20010.000.014900 | |
| 1062 | LONDHE NINAD RAJENDRA | Kawani Oli Pires | |
| 1063 | MADAKE NIKHIL BHAGWAN | | |
| 1064 | MAHAKE OMKESH VENKAT | Burning of Amazon Forest-2019 | |
| 1065 | MAIND PRASAD PRAVIN | | |
| 1066 | MANIARE HARSHAL RAHUL | | |

(Tanvi Jadhav)

PRINCIPAL

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yarnunanagar, Nigdi,

Pune - 411 044.

STRIVING TOWARDS EXCELLENCE FOREVER





Progressive Education Society's

MODERN COLLEGE OF PHARMACY

Accredited by NAAC & NBA (B.Pharm. 2019 to June 2022)

'Best College Award' by Savitribal Phule Pune University

Approved by All India Council for Technical Education, New Delhi, Pharmacy Council of India, New Delhi, Directorate of Technical Education, Mumbai (MS), Permanently affiliated to Savitribai Phule Pune University, Pune & Approved under Section (2 (f) & 12 (B) of UGC Act, 1956

Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044. (M.S.) Tel.: 020-27661314 / 15

E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudhari M.Pharm., Ph.D. Principal

Prof. Dr. Gajanan R. Ekbote M.S. M.N.A.M.S. Chairman, Business Council P.E.Society, Pune

Ref:

B. PHARM FIRST YR. ENVIROMENTAL PROJECT DETAILS -2022-23te:

| ROLL NO. | NAME OF THE STUDENTS | TITLE OF PROJECT | |
|----------|---------------------------------|--|--|
| 067 | MANKAR MOHINI ISHWARDAS | | |
| 668 | MARNE PAYAL SUNE | Coral Bleaching | |
| 1009 | MASNE PRAJAKTA BHAGWAN | | |
| 1070 | MHASKE RUTUJA TANAJI | Ocean Acidification | |
| 1971 | MORE BHAKTI RAJESH | | |
| 1072 | MORE OMKAR SUDAM | | |
| 1073 | MULE UTKARSHA CHANDRAKANT | Sacred Groves in the Western Ghats | |
| 1074 | NAVALE PRATIK RAJENDRA | | |
| 1075 | NAVGIRE SHARAYU DAYANAND | | |
| 1076 | NIKAM ONKAR VIJAY | | |
| 1077 | PACHKHANDE RUSHIKESH SANTOSH | The Gulf War Spill | |
| 1078 | PANWAR NARAYANI MANOHARLAL | | |
| 1079 | PATE APURVA VIJAYKUMAR | | |
| 1080 | PATIL ADITYA VUAY | The Libby Montana Asbestos Contamination | |
| 1081 | PATIL PRANAV RAJESH | | |
| 1082 | PATIL VASHNAV DADARAO | | |
| 1083 | PATIL YUVRADNI HARISH | Australian Bush fires 2019-2020 | |
| 1084 | PAVSE DURGADEVI MAHESH | The state of the s | |
| 1085 | POLE RUTURA DASHRATH | Oil spill In Russia's Artic region | |
| 1085 | POTDAR CHINMAYEE RAHUL | | |
| 087 | RANE MANISH GAJANAN | | |
| 1088 | RATIKOD KAJAL JITENDRA | Cyclone Nisarga, MH | |
| 1089 | RAUT ATHARVA NANDKISHOR | | |
| 1090 | ROHIDA YASHIKA | | |
| 1091 | SABNE KUNAL SURESH | | |
| 1692 | SHARMA HARISH DWARKAPRASAD | Jaitapur Nuclear Power Plant | |
| 1093 | SHEIKH ARSHIYA NAVED | | |
| 1094 | SHELAR PRIYA DIPAK | | |
| 1095 | SHENDGE GANESH DADASAHEB | Assam Gas and oil leak | |
| 1096 | SHEREGAR DISHA RAJANAND | | |
| 1097 | SHINDE AAYUSH UMESH | | |
| 1095 | SHINDE ANKITA ATUL | Man and animal Conflict | |
| 1099 | SHINDE SHRIKANT MININATH | | |
| 1300 | SINGH PRANAV SANDEEP | | |
| 1101 | SONAWANE ROBIT RAJU | Western Ghats - UNESCO World Heritage site | |
| 1102 | SUDKE VEDANTI RAJESH | | |
| 1103. | TAMBOLI KHATUA KONDAJI | A LONG TO THE RESERVE | |
| 1104 | TAPSALE AARYAN ARUN | California Wild Fires | |
| 1105 | THOMBARE SANIKA DNYANESHWAR | | |
| 1105 | THORAT KIRTI BABULAL | AVE. NOTE: MINISTER PROPERTY OF THE PROPERTY O | |
| 1107 | VAIRAT UDDHAV BHANUDAS | Kaas Plateau- UNESCO World Heritage site | |
| 1105 | VAYAL SHREYA SANDEEP | The state of the s | |
| 1109 | VERULKAR SANCHAY SHALIGRAM | | |
| 1110 | WADGAVE DNYANESHWAR CHANDRAKANT | Charles Balance Land College Market Ch. | |
| 1111 | WADHALGAURANG ANANT | Cheetah Reintroduction in Kuno National Par | |
| 1112 | WAGHMODE HARSHAD DHANAJI | | |

Tourn Jadhan SUBJECT INCHARGE

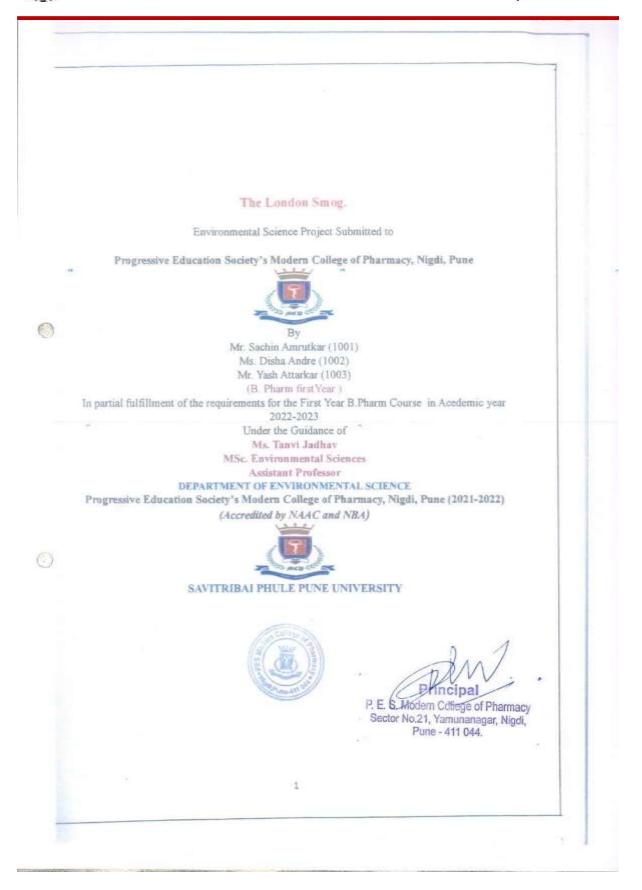
STRIVING TOWARDS EXCELLENCE FOREVER. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.



Criteria 1: Curricular Aspects







Criteria 1: Curricular Aspects









CHERNOBYL DISASTER

Environment science project submitted To

Progressive Education Society's

Modern College of Pharmacy

YAMUNANAGER NIGDI, PUNE-44



By

Mr.Darshan Bhakad

Ms.Bhakti Bharambe

Ms.Payal Bansode

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm

Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Science, Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

SAVITRIBAI PHULE PUNE UNIVERCITY

2

E.S. Modern College of Pharmacy sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



(





PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

CERTIFICATE

This is to certify that, "Darshan Bhakad" "Bhakti Bharambe" "Payal Bansode" student of class "FY B.pharm" has successfully completed their EVS project on the "Chernobyl disaster" under the guidance of "Miss Tanvi Jadhav"

Date: 31/5/23

Place: Nigdi, Pune

Miss Janvi Jadhav

(Subject Incharge)

DR.P.D Chaudhari

Principal

P.E. S Modern College of Phannacy, Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Science,



P. E. 8. Modern college of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





Bhopal Gas Tragedy

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By Mihir Bharambe Neeraj Bhoi Chaitanya Bhatane



(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)





SAVITRIBAI PHULE PUNE UNIVERSITY



P. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44

(Accredited by NAAC and NBA)



CERTIFICATE

This is to certify that, "Mihir Bharambe , Neeraj Bhoi, Chaitanya Bhatane" student of class "F.Y.BPharm (DIV:- A) " has successfully completed their EVS project on "Bhopal Gas Tragedy" under the guidance of "Miss Tanvi Jadhav"

Date: 31st May 2023 Place: Nigdi, Pune

Miss Tanvi Jedhav

(Subject In charge)

P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44 Ex-Dean, Faculty of Pharmaceutical Sciences, SavitribaiPhule Pune University, Pune.

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0



The Exxon Valdez Oil spill

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 44



By

Ms. Sanika Bhopale (B. Pharm firstYear)

Ms. Surabhi Bhosale (B. Pharm firstYear)

Mr. Rushikesh Bhosle (B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

Msc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE



E S Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

1

CERTIFICATE

This is to certify the "Ms. Sanika Bhopale, Ms. Surabhi Bhosale, Mr. Rushikesh Bhosle" student of class "F.Y.B.pharm" has successfully completed their EVS project on "The Exxon Valdez Oil Spill" under the guidance of "Miss Tanvi Jadhav"

Date: 31/05/2023 Place: Nigdi, Pune

Miss Copyr Jadhav

(Subject In charge)

Coll : a

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nighi, Pone – 44 Dean, Systey of Pearmaceutical Sciences,

P. E. S. Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.



0

Criteria 1: Curricular Aspects



The seveso disaster

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Bv

Mr. Shubham bhurkunde"

Ms . Vaishnavee chendke

Mr . Rajwardhan chougule

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in

Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

Calibor of Caliboration

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







CERTIFICATE

.This is to certify that, "Mr. Shubham bhurkunde, Ms. Vaishnavee chendke, Mr. Rajwardhan chaugule" student of class " fy b pharm" has successfully completed their EVS project on "The seveso disaster" under the guidance of "Miss Tanvi Jadhay"

Date: 31st May 2023 Place: Nigdi, Pune

(Subject In charge)

D.Chaudhari

Principal

P.E. S. Modern College of

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





MINAMATA DISEASE

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Mr. Aditya Dahiphale , Ms. Sneha Dalavi , Ms Sakshi Dalvi

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic

year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhay

MSe. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY











SOUTHERN LEYTE ROCK SLIDE / AVALANCHE

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Βv

Ms SNEHAL DATE, Mr SARTHAK DATIR, Mr SHUBHAM DHANAWDE

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic vear 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

College of College

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





CERTIFICATE

0

This is to certify that,

"SNEHAL DATE, SARTHAK DATIR

SHUBHAM DHANAWDE" student of class "F.Y.B PHARM" has successfully completed their EVS project on "SOUTHERN LEYTE ROCK SLIDE | AVALANCHE" under the guidance of "Miss Tanvi Jadhav"

Date: 3\$|08/2023 Place: Nigdi, Pune



Dr. P.D Chaethari

Principal



Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences, SavitribaiPhule Pune University.

Principal







Deepwater Horizon Oil spill in Gulf of Mexico

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 44



By

Mr. Dhande Swaraj (B. Pharmfirst Year)

Mr. Dhore Harshal (B. Pharmfirst Year)

Mr. Gaikwad Rohit (B. Pharmfirst Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE



P. E. S. Modem College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Page | 2







CERTIFICATE



This is to certify the "Mr. Swaraj Dhande, Mr. Harshal Dhore, Mr. Rohit Gaikwad" student of class "F.Y.B.pharm" has successfully completed their EVS project on "Deepwater Horizon Oil Spill" under the guidance of "Miss Tanvi Jadhav"

Date: 31/05/2023 Place: Nigdi, Pune



(Subject In charge)



Dr. P.9 Chaudhari Principal

- materpar

P.E. S Modern College of Pharmacy Nigdi, Pune – 44 Ex-Dean, Faculty of Pharmaceutical Sciences, SavitrihaiPhule Pune University, Pune.

P.E. 8. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Page | 4





| Ti . | |
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| | |
| | |
| | Baia Mare Cyanide Spill |
| | Environmental Science Project Submitted to |
| | Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune - 44 |
| 0 | men and a second |
| | By |
| | Miss Shravni Gavhane (B. Pharmfirst Year) |
| | Miss Gayatri Gawari (B. Pharmfirst Year) Miss Savitri Ghodake (B. Pharmfirst Year) |
| | In partial fulfillment of the requirements for the First Year B Pharm Course in Acedemic year 2022-2023 Under the Guidance of |
| ~ | Ms. Tanvi Jadhav |
| | MSc. Environmental Sciences |
| | Assistant Professor DEPARTMENT OF ENVIRONMENTAL |
| | Principal P. E. S. Modern Cettege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044. |
| | Page 2 |











LOVE CANAL TRAGEDY

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Ms. Poonam Ghuge Ms. Prashanti Gidye Ms. Vaidehi Govekar

(B. Pharm FirstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023 Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

College of College of











NORTH PACIFIC GARBAGE PATCH

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Mr.Prathmesh Gurav (1031)

Ms. Aishwarya Hole (1032)

Mr.Darshil Ingale (1033)

(B. PharmfirstYear)

In partial fulfillment of the requirements for the First Year B. Pharm Course in

Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune

(2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

Principal P. E. S. Modern College of Pharmacy

Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







CERTIFICATE

This is to certify that, "Mr.Prathmesh Gurav, Ms. Aishwarya Hole, Mr.Darshil
Ingale" student of class " DIV- A " has successfully completed their EVS project on
"NORTH PACIFIC GARBAGE PATCH" under the guidance of "Miss Tanvi

Jadhav"

Date: 31-5-2023 Place: Nigdi, Pune

Miss Vany Jadhav

(Subject In charge)

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy

Nigdi, Pune - 44

Ex-Dean, Faculty of Pharmaceutical Sciences.

SavitribaiPhule P

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





E-WASTE IN GUIYU, CHINA

Environmental Science Project Submitted To

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF PHARMACY

YAMUNANAGAR NIGDI, PUNE-44.



By

Ms.Trupti Jadar.

Ms. Anushka Jadhav.

Mr. Manik Jadhav.

(B.Pharm First Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Academic Year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

Msc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-20

1







CERTIFICATE

This is to certify that, "Ms.Trupti Jadar, Ms.Anushka Jadhav, Mr.Manik Jadhav" student of class "First Year B.Pharm" has successfully completed their EVS projecton "E-Waste in Guiyu, China" under the guidance of "Miss Tanvi Jadhav"

Date: 01 | 06 | 2-3

Place: Nigdi, Pune

Miss Tanvi Jadhav (Subject in Charge) College of Organisms

Dr.P.D Chaudhari

Principal





DUST BOWL IN CANADA & U.S.

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Ms. Prachi Jadhav (1037)

Mr. Rohan Jadhav (1038)

Ms. Sanskruti Jagalpure (1039)

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B. Pharm Course in Acedemic year 2022-

2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY









CERTIFICATE .

This is to certify that, "Ms. Prachi Jadhav, Mr. Rohan Jadhav, Ms. Sanskruti Jagalpure" student of class "DIV-A" has successfully completed their EVS project on "DUST BOWL IN CANADA & U.S. "under the guidance of "Miss Tanvi Jadhav"

Date:

Place: Nigdi, Pune

Miss Tanvi Jadhav

(Subject In charge)

Dr. P.O Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, SavitribalPhule Pune University, June.

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune 411044



(1)

Criteria 1: Curricular Aspects



Decline of vultures in India due to diclofenac leading incidence rabies

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Ms.Achal jane

Ms. Khushboo jumade

Ms. Vaishnavi kachare

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

Collage or other mark







CERTIFICATE

This is to certify that, "Achal jane, Khushboo jumade and Vaishnavi kachare" student of class "First Year B Pharm" has successfully completed their EVS project on "decline of vultures in India due to diclofenac leading incidence rabies" under the guidance of "Miss Tanvi Jadhav"

Date: 31-05-2023 Place: Nigdi, Pune

Miss Tanvi Jadhav

(Subject In charge)

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44 Ex-Dean, Faculty of Pharmacentical Sciences, SavitribaiPhule Pune University, Pune.

Principal |









Deforestation of Easter island

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Ri

Mr. Sainath kamble(1046)

Ms. Vrundali kamble(1047)

Ms. Vaishnavi karale(1048)

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic

year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY









PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

CERTIFICATE

This is to certify that, "Vaishnavi karale, Vrundali kamble and Sainath kamble" student of class "First Year B.Pharma" has successfully completed their EVS project on "Deforestation of Easter island" under the guidance of "Miss Tanvi Jadhav"

Date: 31/5/23 Place: Nigdi, Pune

Missi Phow Jadhay

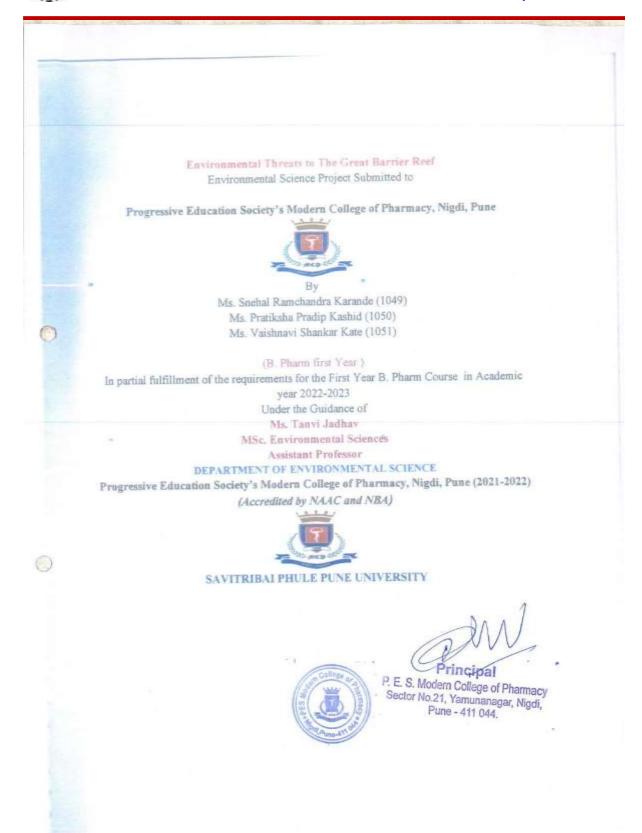
(Subject In charge)

Br. P.D Chaudhari Principal

P.E. S Modern College of Pharmacy Nigil, Pune – 44 Ex-Dean, Faculty of Pharmaceutical Sciences, av(cribalPhule Pune Univelsity, Pune.)







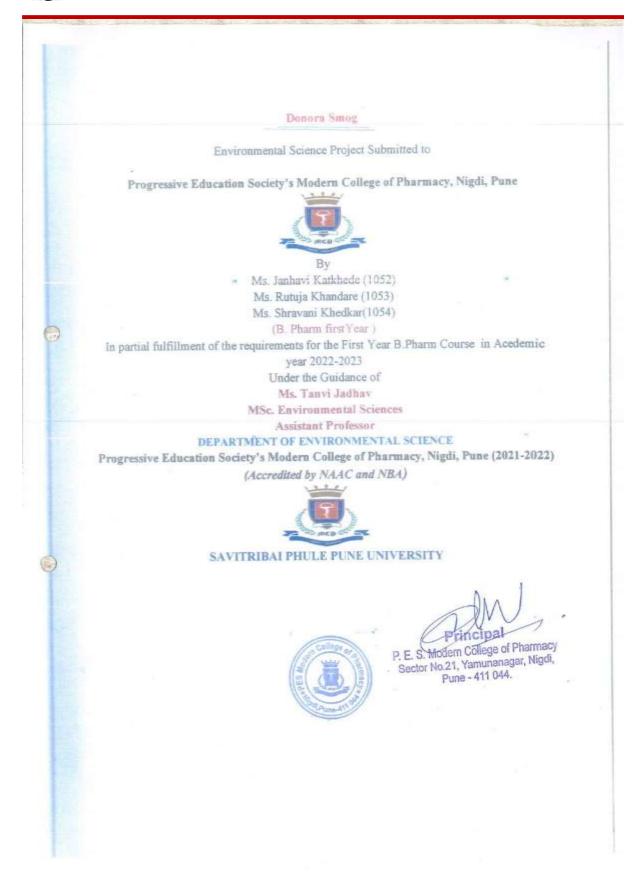






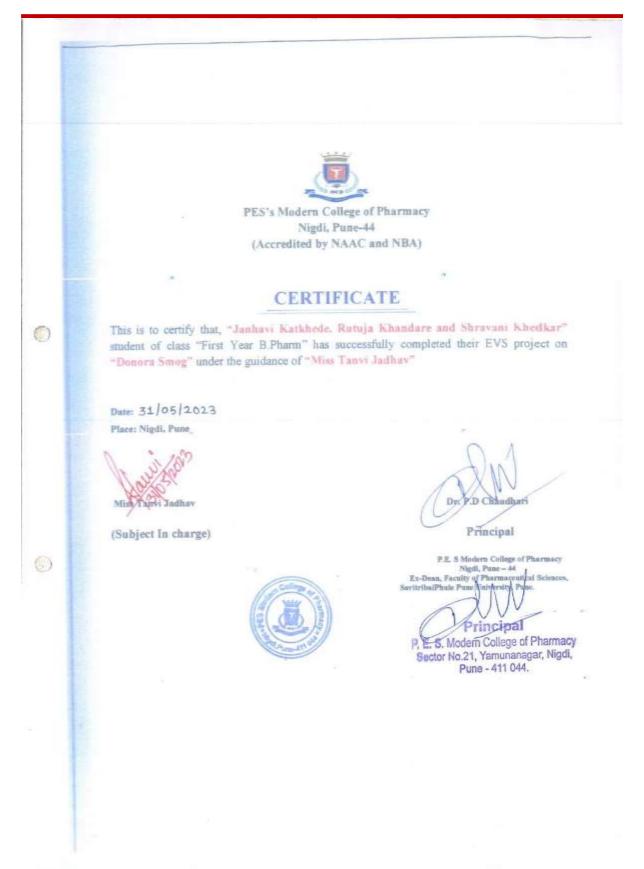






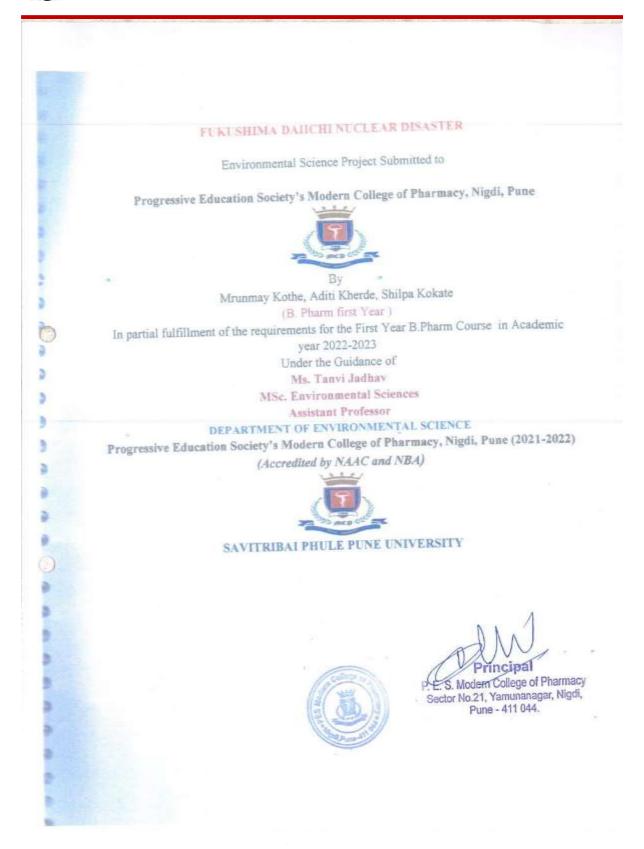






















Melbourne Dust Storm: A Phenomenon of Environmental Impact

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Mr. Vishal Kulkarni

Mr. Kaustubh Kulkarni

Mr. Shreyas Kurhe

(B. Pharm First Year)

In partial fulfilment of the requirements for the First Year B. Pharm Course in Academic Year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



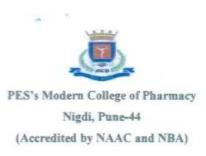
SAVITRIBAI PHULE PUNE UNIVERSITY

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







CERTIFICATE

This is to certify that, "Mr. Vishal Kulkarni, Mr. Kaustubh Kulkarni, & Mr. Shreyas Kurhe" student of class "F. Y. Bpharm." has successfully completed their EVS project on "Melbourne Dust Storm: A Phenomenon of Environmental Impact" under the guidance of "Miss Tunvi Jadhav"

Date: 31/05/23

Place: Nigdi, Pune

Miss Tanvi Jadnav

(Subject In-charge)

see College of g

Principal

PE S Modern College of Ph

Det P.D Chaydhari

Ex-Dean, Faculty of Phurmaceutical Science SavitribalPaule Pune Kniversity Pune





Kuwaiti Oil Fires

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Rv

Ms.Priya Lokhande

Mr.Ninad Londhe

Mr.Nikhil Madake

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic

Year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

P. E - Sei







CERTIFICATE

This is to certify that, "Ms.Priya Lokhande, Mr.Ninad Londhe, Mr.Nikhil Madake student of class "FY BPharm" has successfully completed their EVS project on "Kuwaiti Oil Fires" under the guidance of "Miss Tanvi Jadhav"

Date: 31 05 12023

Place: Nigdi, Pune

(Subject In charge)

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44 Ex-Dean, Faculty of Pharmaceutical Sciences Savitribal Phule Pune University, Pune.

rincipal

R.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.



Burning of Amazon Forest-2019

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Mr.Omkesh Mahake

Mr.Prasad Maind

Mr. Harshal Manjare

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic

Year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY









CERTIFICATE

This is to certify that, "Mr.Omkesh Mahake, Mr.Prasad Maind, Mr.Harshal Manjare" student of class "FY BPharm" has successfully completed their EVS project on "Burning of Amazon Forest-2019 under the guidance of "Miss Tanvi Jadhav"

Date: 31-05-23

Place: Nigdi, Pune

Miss Fanvi Jadhav

(Subject In charge)

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, SavitribuiPhule Pune University, Pune.

Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.









PROGRESSIVE EDUCATION SOCIETY'S MODERN COLEGE OF PHARMACY NIGDI, PUNE-44(ACREDITED BY NAAC AND NBA)

SAVITRIBAI PHULE PUNE UNIVERSITY

ENVIRONMENTAL STUDIES PROJECT
ON

CORAL BLEACHING

BY

MS.MOHINI MANKAR
MS.PAYAL MARNE
MS.PRAJAKTA MASNE
IN YEAR 2022-23



UNDER THE GUIDANCE OF MS.TANVI JADHAV MA'AM





CERTIFICATE

This is to certify that Ms.Mohini mankar, Ms. Payal marne, Ms Prajakta masne Students of first year beharmacy has successfully completed the research on project of CORAL BLEACHING under the guidance of Ms. Tanvi Jadhav

ENVIRONMENTAL STUDIES -SUB TEACHER) During the year of 2022-23.

Date: 31/05/2023 Place: nigdi ,pune

Miss. Yanvi Jadhav

DV.P.D Chaudhari
PRINCIPAL

/

PES.Modern college of

Pharmacy nigdi, pune-44

Ex-Dean, faculty of pharmaceutical

Sciences, Savitribai Phule Pune

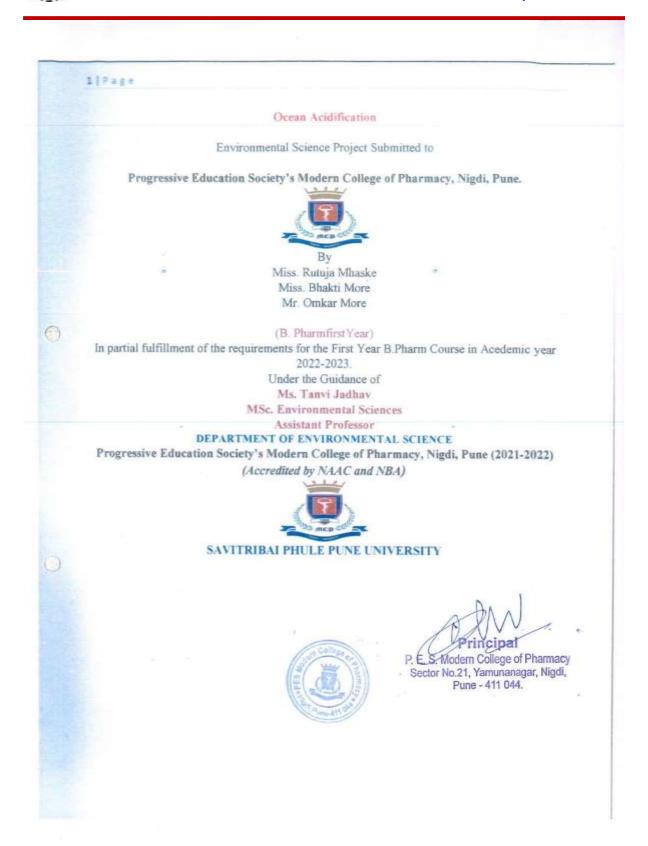
University, Pune

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







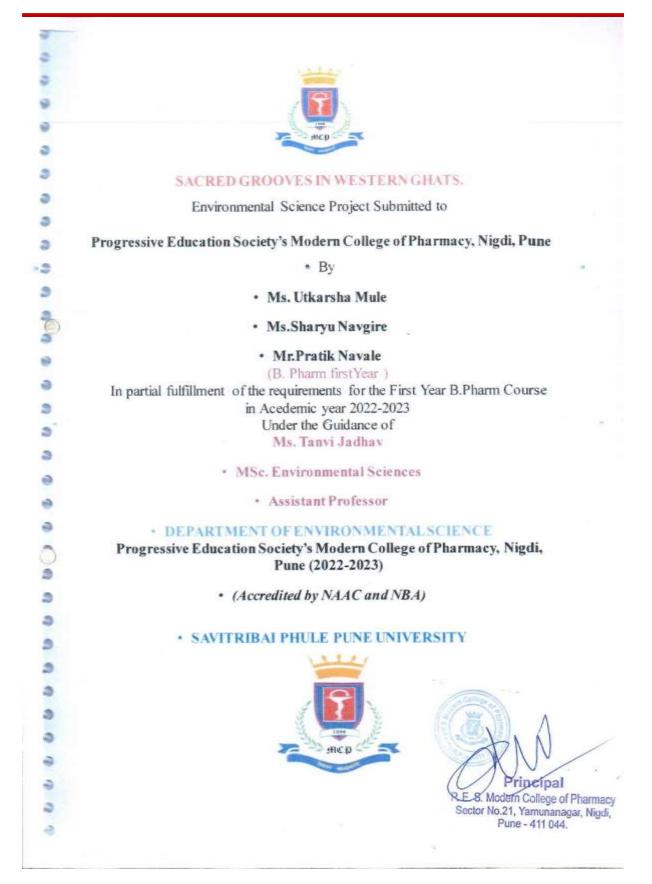


















PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

CERTIFICATE

- This is to certify that, We Ms. Utkarsha Mule, Ms. Sharyu Navgire & Mr. Pratik Navale student of class "F.Y. Bpharm" has successfully completed their EVS project on "SACRED GROOVES IN WESTERN GHATS," under the guidance of "Miss Tanvi Jadhav"
- · Date: 31/05/2023
- · Place: Nigdi, Pune
- · Ms. Tanvi Jadhav
- · (Subject In Charge)

Dr. P.D Chaudhari

(Principal)

PES's Modern College of Pharmacy Nigdi, Pune-44

Ex-Dean, Faculty of Pharmaceutical Sciences,

Savieribus Phule





THE GULF WAR SPILL Environmental Science Project Submitted to Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune By · Mr.Onkar Nikam · Mr.Rushikesh Pachkhande · Ms.Narayani Panwar (B. Pharm firstYear) In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023 Under the Guidance of Ms. Tanvi Jadhav MSc. Environmental Sciences Assistant Professor · DEPARTMENT OF ENVIRONMENTAL SCIENCE. Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2022-2023) · (Accredited by NAAC and NBA) SAVITRIBAI PHULE PUNE UNIVERSITY P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.







Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Miss Apurva Pate, Mr. Aaditya Patil, Mr. Pranav Patil

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

J







(



Australian bushfires 2019-2020 Environment Science Project Submitted to

Progressive Education Society's MODERN COLLEGE OF PHARMACY, NIGDI
Pune



Ms . Durgadevi Mahesh pavse , Yuvradni Harish Patil and Mr. Vaishnav Dadaravo Patil

(B.Pharm First Year)

In partial Fulfillments of Requirements of First year B. Pharm

In academic year 2022 - 2023

Under the guidance of

Ms. Tanvi Jadhav

MSc. Environmental sciences

Assistant professor













OIL SPILL IN RUSSIA ARTIC REGION

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By Ms. Rutuja Pole

Ms Chinmayee Potda

Mrs Manish Rane

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE.

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAL PHULE PUNE UNERVERSITY

College of PhatTild





CERTIFICATE

This is to certify the "Ms. Rutuja Pole, MS. Chinmayee Potdar, Mr. Manish Rane" Student of class Has Successfully Completed their EVS peoject on "OILSPILL IN RUSSIA ARTIC REGION" under the guidance of Ms. "Tanvi Jadhay"

Date: 31/05/2023. Place: Nigdi, Pune.

Miss Tanvi Jadhav

(subject incharge)

P.D Chaudhari (Principal)

To College at the Col







CYCLONE NISARGA MH

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Miss Kajal Rathod, Mr. Atharva Raut, Miss. Yashika Rohida

(B. Pharm FirstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

> Under the Guidance of Ms, Tanvi Jadhav MSc. Environmental Sciences Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



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College Colleg

P. E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

1







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

CERTIFICATE

This is to certify that, "Miss.Kajal Rathod, Mr.Atharva Raut, Miss.Yashika Rohida" student of class "First Year B Pharm Div B" has successfully completed their EVS project on "CYCLONE NISARGA MH" under the guidance of "Miss Tanvi Jadhav".

Date: 31/05/2023 Place: Nigdi, Pune.

Miss Tarvi Jadhav

(Subject In charge)

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune - 44 Ex-Dean, Faculty of Pharmaceutical Sciences, Savitribal Phule Pung University, Pune.

Principal

P. E.S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

3





Jaitapur nuclear power plant

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



MR.KUNAL SABNE, MR. HARISH SHARMA, MISS. ARISHYA SHIEKH

(B. Pharm First Year)

In partial fulfillment of the requirements for the First Year B Pharm Course in Acedemic year 2022-2023

Under the Guidance of Ms. Tanvi Jadhav MSc. Environmental Sciences Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY







PES's Modern College of Pharmacy Nigdi, Pune-44 (Accredited by NAAC and NBA)

CERTIFICATE

This is to certify that, "MR.KUNAL SABNE,MR.HARISH SHARMA,MISS.ARISHYA SHIEKH" student of class "First Year B Pharm DivB" has successfully completed their EVS project on "Jaitapur nuclear power plant" under the guidance of "Miss Tanvi Jadhav".

Date: 31/05/2023 Place: Nigdi, Pune.

Miss Panyi Jadhav

(Subject In charge)

Dr. P.D Chaudhari

Principal

P.E. S Modern College of Pharmacy Nigdi, Pune – 44

Ex-Dean, Faculty of Pharmaceutical Sciences, SavitribaiPhule Pune University, Pune.



P.E.S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

3





1

Assam Gas and oil Leak

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune

By

Ms.Priva shelar

Mr. Ganesh Shendge

Ms. Disha Sheregar

(B. Pharm first Year)

partial fulfillment of the requirements for the First Year Pharm Course in Academic year 2022-2023

Under the Guidance of Ms. Tanvi Jadhay

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

College of the state of the sta









3



MAN AND ANIMAL CONFLICT

Environmental Science Project Submitted to
Progressive Education Society's Modern College of Pharmacy,
Nigdi, Pune



By

Mr Shrikant Shinde M s Ankita Shinde Mr Ayush Shinde (B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm

Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022) (Accredited by NAAC and NBA)

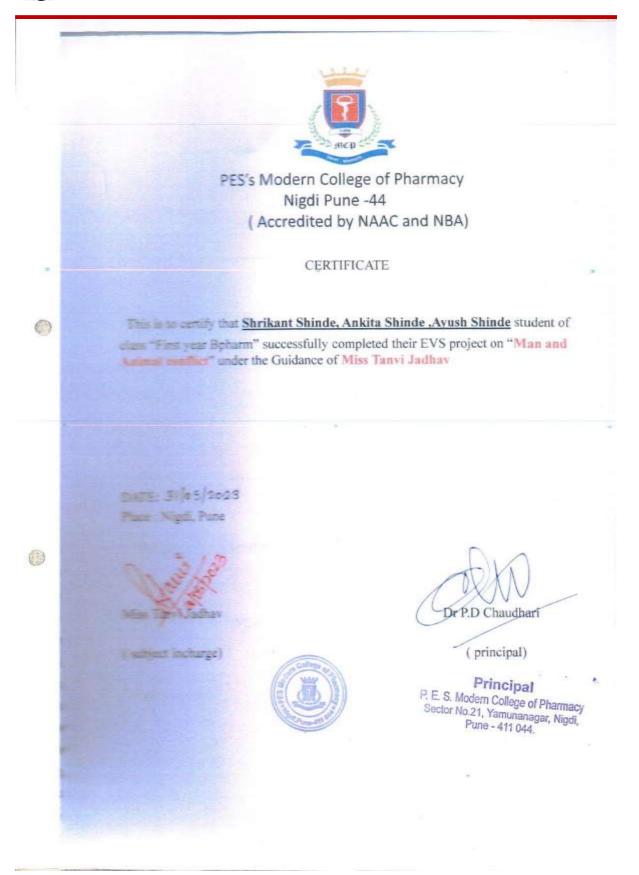


SAVITRIBAL PHULE PUNE UNIVER



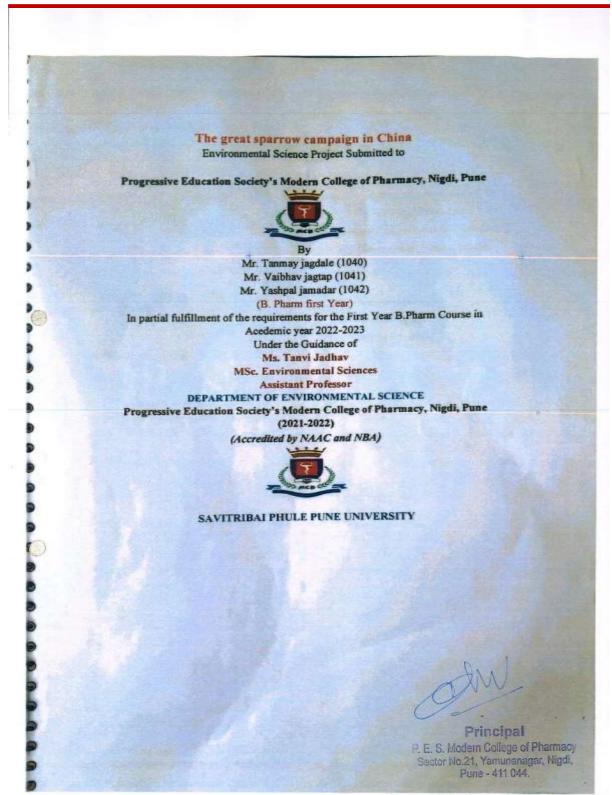








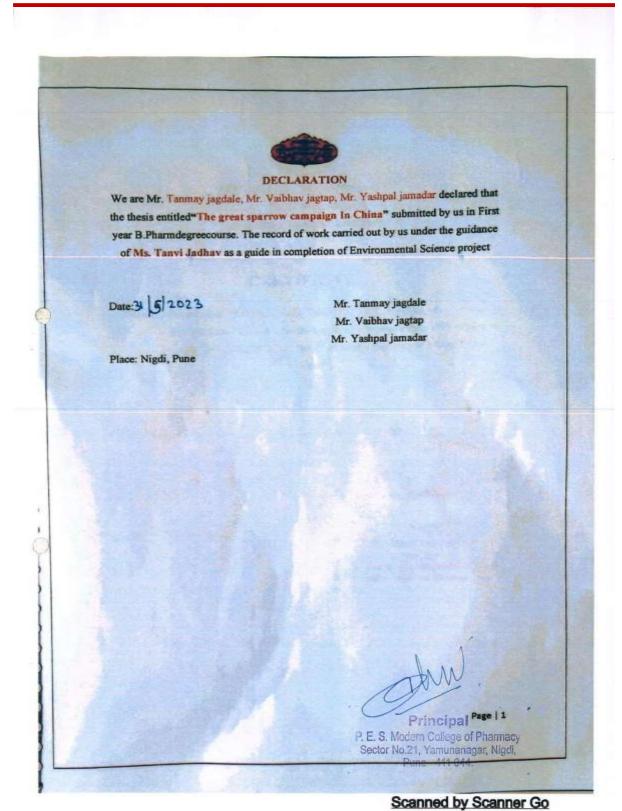




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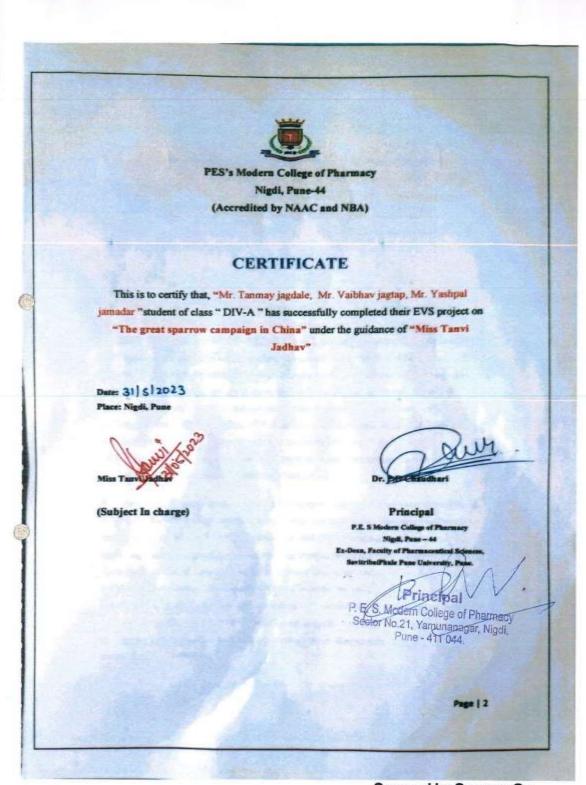












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WESTERN GHATS - UNESCO WORLD HERITAGE SITE

1

Environmental science projects submitted to

Progressive Education Society's Modern College of pharmacy in Nigdi, Pune



By.

Mr Pranav Singh Mr Rohit Sonawane

Mrs Vedanti Sudke

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-

2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



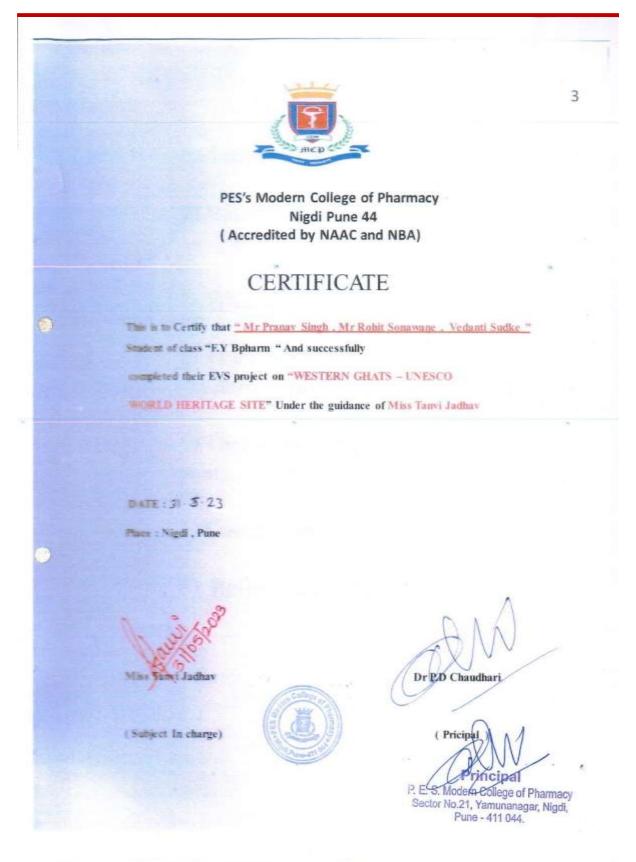
P. E. S. Modern College of Pharmac Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

SAVITRIBAI PHULE PUNE UNIVERSIT













CALIFORNIA WILDFIRE

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



By

Ms. Khatija Tamboli

Mr. Aaryan Tapsale

Ms. Sanika Thombare

(B. Pharm first Year)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic year 2022-2023

Under the Guidance of

Ms. Tanyi Jadhay

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY



P.E. S. Medern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

1





EVS PROJECT ON

KAAS PLATEAU

UNESCO WORLD HERITAGE SITE



By

Miss.Kirti Thorat Mr.Uddhav Vairat Miss.Shreya vayal

Progressive Education Society

MODERN COLLEGE OF PHARMACY

Yamunanagar, Nigdi, Pune-44

In partial fulfillment of the requirements for the

First Year B.Pharm Course in Academic year (2022-2023)

UNDER THE GUIDANCE OF

Ms.TANVI JADHAV MA'AM

MSc. Environmental Science Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society'

Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC & NBA)

SAVITRIBAI PHULE PUNE UNIVERSITY

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.











Reintroduction of Cheetah in Kuno National Park

Environmental Science Project Submitted to

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune



Mr. Sanchay Verulkar

Mr. Gaurang Wadhai

Mr. Harshad Waghmode

(B. Pharm firstYear)

In partial fulfillment of the requirements for the First Year B.Pharm Course in Acedemic

year 2022-2023

Under the Guidance of

Ms. Tanvi Jadhav

MSc. Environmental Sciences

Assistant Professor

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune (2021-2022)

(Accredited by NAAC and NBA)



SAVITRIBAI PHULE PUNE UNIVERSITY

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P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.

11Page











FIELD WORK

Third Year B. Pharm Industrial Visit to Haffkine Bio-Pharmaceutical LTD

control carries nas

Growt - Regarding premission for visit to your esteemed laboratories/ Rescarch Centro



Dr. Vitthal Chopade <vitthalchopade@gmail.com>

Regarding permission for visit to your esteemed laboratories/ Research Centre

Dr. Vitthal Chopade <vitthalchopade@gmail.com>
To: ata@vaccinehafikin.com, devendra.visokar@gmail.com

Mon, Apr 3, 2023 at 3:50 PM

To The Director/Manager Haffkine Bio-Pharmaceutical Corporation Limited Vallabh Nagar, Pimpri Colony, Pimpri-Chinchwad, Maharashtra 411018

Subject: Regarding permission for visit to your esteemed laboratories/ Research Centre

Dear Sir/Madam,

The modern college of pharmacy nigdi Pune was established in 1998 by P. E. Society at Yamunanagar, Nigdi in the close proximity of the industrial belt of Pimpri - Chinchwad, Our College is approved by Government of Maharashtra (DTE), All India Council for Technical Education (AICTE) and Pharmacy Council of India. It is permanently affiliated to Savitribai Phule Pune University. College is accredited by NAAC, NBA and recognized under 2f and 12(B) by UGC, New Delhi. College offers B. Pharmacy, Pharm. D and M. Pharmacy courses.

As part of the curriculum of Savitribui Phule Pune University, industrial visit is mandatory for pharmacy student, so as to provide with them the real insight of working procedure of esteemed organization such as yours and to fulfill the curriculum demand, we request you for the industrial visit

Kindly accord permission to visit your esteemed organization either in the forenoon or afternoon session as per your convenience as on any dates between 03/04/2023 to 10/04/2023

Your co-ordination in this regard will not only help the cause of education but will also strengthen the youth of the nation.

Waiting with Anticipation

With regards

Dr V, V. Chopade Industry visit In-charge Mobile no 9545452767 Email: vitthalchopade@gmail.com

Dr. P. D. Chaudhari Principal

Dr. Vitthal V. Chopade. M.Pharm PhD Professor in Pharmaceutical Chemistry, Modern College of Pharmacy Nigdi Pune-44, Approved as PG Teacher and PhD Guide from University of Pune Phone No. 9545452787

https://mail.google.com/mail/u/0/76=805142825c5view=pi&seamn=gl&cemmapid=mus-x-1429

Principal





4/3/23, 4:35 PM

Gmail - Fwd: Regarding Industrial visit at your esteemed organization



Dr. Vitthal Chopade <vitthalchopade@gmail.com>

Fwd: Regarding Industrial visit at your esteemed organization

modern college nigdi training and placement <mcopnigdi.tpo@gmail.com> To: vitthalchopade@gmail.com Mon, Apr 3, 2023 at 4:19 PM

From: ats <ats@vaccinehaffkine.com>
Date: Mon, Apr 3, 2023 at 4:14 PM
Subject: Re: Regarding Industrial visit at your esteemed organization
To: modern college nigdi training and placement <mcopnigdi.tpo@gmail.com>

!!!Greeting from Haffkine!!!

This is with reference to your e-mail dated 03.04.2023 regarding industrial visit, we are pleased to inform that you can visit to our organization on 11.04.2023

Thanking you,

Dr. B. P. Kurhe
Manager ATS,
Haffkine 8io-pharmaceutical Corporation ltd.
old Mumbai Pune Highway
Pimpri Pune- 411018
8830646498

From: modern college nigdi training and placement <mcopnigdi.tpo@gmail.com>

Sent: Saturday, April 1, 2023 4:08 PM To: ats <ats@vaccinehaffkine.com>

Subject: Regarding Industrial visit at your esteemed organization

Greetings from Modern College of Pharmacy Nigdi Pune!!!

Respected sir,

Good afternoon sir, This is in reference to our telephonic conversation,we request you to kindly give us permission to visit your production facility for our B.Pharmacy Third year Students. Total strength of our students is 126. Apart from that four Faculty members will visit the plant.

Dear Sir, we will be grateful to you for your kind help in this regard. We are comfortable with any dates from 10th April to 13th April even whatever dates you can provide us.

Thanking you

Asst.Prof.Devendra L Visokar TPO CELL MODERN COLLEGE OF PHARMACY NIGDI PUNE44 9096694212



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.

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P. E. Society's Modern College of Pharmacy Nigdi-44

Industry Visit 2022-23

Notice

Date: 08/04/2023

All Teaching faculty, Non-teaching staff and students of B Pharm/M Pharm are hereby informed that, our college has organized industry visit for students, the details of visit are as follows

Name of Place: Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune

Name of class: TYB Pharm Div A & B, SYM Pharm Cology

Date: 11 /04/2023 (Tuesday) Time for Visit: 9:45 am

Contact persons during visit

Dr Smita Pimple

Dr V V Chopade: 9545452767 Prof. Prashant Pawar: 7875562252 Mrs. Priyanka Sarda: 72496 52496

Prof Shivraj Mane

Dr. P. D. Chaudhari

Principal

Copy to

1. Academic section

2. Class teachers

3. Office

College of Asserting to the Co



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PES Modern College of Pharmacy, Nigdi. Pune-44

Attendance of students for Industry Visit

Name of Place: Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune

Name of class: TYB Pharm Div B

Date: 11/04/2023 (Tuesday) Time for Visit: 9:45 am

| Sr No | Name of Students | Signature of students |
|-------|---------------------------------|--|
| 1. | Abhishek Gokul Shendurkar | The same of the sa |
| 2. | Aditi Sadanand Nagle | Politic |
| 3. | Ajit Vishvanath Saini | # lelwar |
| 4. | Akash Baburao Pawar | Solla |
| 5. | Chaitanya Madhukar mali | Eligili |
| 6. | Deveshree kiran Patil | 000 |
| 7. | Ganesh Pandurang Survase | Lary |
| 8. | Hrishikesh Anil Nikam | (H) |
| 9. | Ishwari Shalikram Masram | I. Gue. |
| 10. | Jay Dashrath Rajgor | 1000 |
| 11. | Kajal Ganpat Thete | -kajoj_ |
| 12. | Komal D Wankhade | smal |
| 13. | Mohammad Sameer Rafik Shaikh | Der. |
| 14. | Neha Vijay Nevse | WORK |
| 15. | Pawan Ramrao Pawar | - Anux |
| 16. | Prajakta Vikas Satho | From E19. |
| 17. | Pranaya Ramdas Nawale | Pravaye |
| 18. | pratham umesh pawar | And. |
| 19. | Prathamesh Rajesh Panzade | le |
| 20. | Pratiksha Mahadey Pawar | Howas |
| 21. | Prema Dadasaheb Pardeshi | THE |
| 22. | Prerna Manohar Patil | (Breit) |
| 23. | Riya Shivaji Shirke | Lister. |
| 24. | Sakshi Pravin Palve | Face |
| 25. | Sandesh Bhausaheb Pawar | Torol |
| 26. | Sanika Anand Shelar | Sor- |
| 27. | Sarode Vishal Shripati | @ #s |
| 28. | Sarvesh Dilip Kulkami | 54-3- |
| 29. | Shadab Abdul Kadar Shaikh | hadel |
| 30 | Shreyas Raghunath Mohite | The same |
| 31. | Shrushti Ananda Landge | PEG PEG |





| | 32. | Siddhi Sudhir Waghule | Richard | |
|---|-----|-------------------------------------|------------|--|
| * | 33. | Srushti Dinesh Magade | Built | |
| | 34. | Srushti Samir Phand | Just 1 | |
| | 35. | Sukanya Kalyan Vyavahare | Rekninger. | |
| | 36. | Swapnali Laxman Shedge | Swapur | |
| | 37. | Tanuja Ravindra Patil | ent | |
| | 38. | Vaishnavi Dadarao More | Smore. | |
| | 39. | Vaishnavi Machindra Shingade | Q- | |
| | 40. | Vaishnavi Prakash Zond | (*). | |
| | 41. | Vaishnavi Sunil Lokhande | Jao | |
| | 42. | Vijay Uttam Shinde | Stat . | |
| | 43. | Vinayakashish Pradiprao Kulkarni | yar. | |
| 9 | 44. | Yash Dattatray Kudale | Judale | |
| 0 | 45. | Tanpuze Ajinky | 4 | |
| | 46. | 611 | | |
| | 47. | Anjali Rajurwai | # | |
| | 48. | Rutwik Pawas | Butvik | |
| | 49. | | | |

Faculty: Mr. Prashant Pawar, Mrs. Priyanka Sarda, Ms Sweteja Bhosle, Snehal Gojare

Dr. VV Chopade Incharge



Principal
Principal
P.E.S. Modern College of Pharmacy
Sector No. 21, Yamunanagar, Nigdi,
Pune - 411 C44.







PES Modern College of Pharmacy, Nigdi. Pune-44

Attendance of students for Industry Visit

Name of Place: Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune

Name of class: TYB Pharm Div A

Date: 11 /04/2023 (Tuesday) Time for Visit; 9:45 am

| Sr No | Name of Students | Signature of students | |
|-------|----------------------------|-----------------------|--|
| 1. | Piyush Mahesh Adhav | Perland | |
| 2 | Sahil Anii Amble | Sahibo | |
| 3. | Hitesh Yashwant Altarde | Adam | |
| 4. | Pradnya Kallyan Autade | Butede | |
| 5. | Aditya laxman babhalkar | putya | |
| 6. | Snehal Sanjay Bagade | Variation | |
| 7. | Rohit Anil Baheti | delas. | |
| 8. | Sakshi Ashok Barangule | BAYSIL! | |
| 9. | Sayali Narayan Bhagawat | 81 | |
| 10. | Trupti Sudhir Bhangare | 2 pl | |
| 11. | Sohan Narendra Bharambe | Olixa. | |
| 12. | Vrushali Ravindra Bharate | Vikthands - | |
| 13. | Ashwini Jijaram Bharmal | (RIBham) | |
| 14. | Sakshi Sandip Bharti | Stakshi | |
| 15. | Aniket Vinod Bhise | (ARL | |
| 16. | Devang Ramesh Bhokare | 096- | |
| 17. | Bhumika Kishor Bhole | - 68.0 - | |
| 18. | Rutuja Subrao Bhosale | A.do | |
| 19. | Sneha Satish Bhusare | Emple_ | |
| 20. | Aditi Sanjay Bonde | -Plenole | |
| 21. | Anushka Dilip Boraste | Aquallika | |
| 22. | Vidya Dilip Chaudhari | Vedya- | |
| 23. | Chinmayee yuvraj chavan | Vienegle | |
| 24. | Pratik Arun Chavan | Phane | |
| 25. | Siddhi Sangram Chavan | Masen | |
| 26. | Arti Anil Choudhari | 1stic | |
| 27. | Prachi Keshav Dadewad | Mund | |
| 28. | Yashraj Ravindra Dhamale | Yorkan | |
| 29. | Akanksha krishna dhanawade | New ho | and to |
| 30. | Sanket Sanjay Dhangare | Sanvet | 121 |
| 31. | Om Kalu Dhengale | dishemale | 2.11. |
| 32. | Gayatri Yogesh Dhepe | Gunta PES MA | Principal Jern College of Pharm 21, Yamunanagar, Nig |





| 33. | Swamini Santosh Dhere | Sherry |
|-----|--------------------------------|--------------|
| 34. | Soham Shekhar Doshi | 112. |
| 35. | Shruti Bharat Gadhave | Rodhave |
| 36. | Sudhir Giridhar Gaikwad | Brad N |
| | Vishal Sachin Gangawane | Pareo ware |
| 37. | Ashish Vishnu Garkal | Congression |
| 38. | | RATUILORE. |
| 39. | Shreyash Arun Ghuikar | A COV |
| 40. | Dipak Pandurang Gonde | agas |
| 41. | Gore vikas madhukar | G SH |
| 42. | Bhargavi Govind Govardhan | 0 (0) |
| 43. | Deepti machindra gunjal | Frank at |
| 44. | Rajesh Munja Gutte | Cart. |
| 45. | Pooja Shankar Hatkar | Salar |
| 46. | Onkar Gajanan Jadhav | Joseph |
| 47. | Pranav Pramod Jadhav | feigh. |
| 48. | Aditi Pratap Jagtap | MIRIT |
| 49. | Chaitali navnath jedhe | Carelle |
| 50. | Sushil krishna Jha | Ledget - |
| 51. | Rutuja Changdeo Kadam | Kodam R |
| 52. | Rajashree Dnyandeo Kale | Beel |
| 53. | Siddhi Siddharth Kamble | <u>lkund</u> |
| 54. | Harshda Bholeshankar kamthe | (mile |
| 55. | Gauri Pradip karande | Gat |
| 56. | Akshay chandrakant karpe | Alexander |
| 57. | Aditya Kumar Kasar | Aditorik |
| 58. | Gaurav pavan kela | Geology |
| 59. | Sakshi Ravindra Khadse | Gekhady |
| 60. | Ankita Pralhad Khaire | (Ae |
| 61. | Prathamesh Nitin Khandge | Rooth |
| 62. | Purva Munjaji Korde | (Ale |
| 63. | Deep Kishorkumas | Boses |

Faculty: Mr. Prashant Pawar, Mrs. Priyanka Sarda, Ms Sweteja Bhosle, Snehal Gojare

Dr. V V Chopade Incharge Dr. P. D. Chaudhari Nigdi,

Brincipal C44





PES Modern College of Pharmacy, Nigdi. Pune-44

Attendance of students for Industry Visit

Name of Place: Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune

Name of class: S Y M PHARM PHARMACOLOGY

Date: 11 /04/2023 (Tuesday) Time for Visit: 9:45 am

| Sr No | Name of Students | Signature of students |
|-------|---------------------|--|
| t. | Pradikshu Hujare | pot |
| 2 | Thurwshree Katkon | stalky. |
| 3. | Kajal Pawade | THE PARTY OF THE P |
| 4. | Pronedi Brandere | Phedo |
| 5. | Produya Keelbude | - FALLEY |
| 6. | Surabni shinde | -dhins |
| 7. | Nikita Pawar | NAME |
| 8. | Goyatri Godekay | Cold |
| 9. | Ak anksha tmotkar | Analkor |
| 10. | Piajakto tambe | -Parte |
| 117 | Vinod Gaikwad | Varikney |
| 12. | Ganeth Pose | Pote |
| 13. | Whitehelf deshmatch | of bhedily |
| 14. | Mohsin mansers | Mey |
| 15. | | |
| 16. | | |
| 17. | | |
| 18. | | |
| 19. | | |
| 20. | | |

Dr. V V Chopade Incharge

Dr. P. D. Chaudhari Principal

Principal







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Sector No. 21, Yamunanagar, Nigdi, Pune - 411 044. (M.S.) Tel.: 020-27661314 / 15

E-mail: mcopnigdi44@gmail.com Website: www.mcop.org.in

Prof. Dr. P. D. Chaudhan M.Pharm., Ph.D. Principal

Prof. Dr. Gajarnan R. Ekbote M.S. M.N.A.M.S. Chairman, Business Council P.E.Society, Pune

Date: 10/04/2013

Ref: MCOP/T1/2022-23/330

To

The Manager Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune

Dear Sir.

We are thankful to you for accepted our request for Industry visit to our students and faculty members. It was a great pleasure for us to have provided the real insight of working procedure of your esteemed organization for our students on 11/04/2023

We again thank you for sparing your valuable time with us. We are sure that you will always be there to help us at every critical turn and we look forward to continuous association with you in future.

Thanking You.

Yours truly,

Dr. P. D. Chaudhari

Principal

हास्तरक क्व-बीवयतियोग सहासंबद्ध महा

व्यन्ती, पुने १८

Principal

P. E. S. Modern College of Pharmacy STRIVING TOWARDS EXCELLENCE FORE WERTON No. 21, Yamunanagar, Nigdi,

Pune - 411 044.





P.E. Society's Modern College of Pharmacy, Nigdi. Pune-44

REPORT OF INDUSTRY VISIT 2022-23

| 1. | Name of activity: | Industry visit for Students and Staff | |
|-----|------------------------------------|---|--|
| 2. | Name of Industry | Haffkine Bio-Pharmaceutical Corporation ltd, Pimpri Pune | |
| 3. | Date of activity | 11 /04/2023 | |
| 4. | Total no students participate | M Pharm - 14 B Pharm - 111 Total - 125 | |
| 5. | Occasion of activity | Industry Academic Interaction | |
| 6. | Place of visit | Anti Venom Production Department | |
| 7. | Objectives of activity | To get analytical knowledge, planning abilities, problem analysis, modern tool usage, professional identity, pharmaceutical ethics, life-long learning To get importance of accuracy in practical's experiments How to operate equipments in lab. | |
| 8. | Outcome of activity | This visit gives information & a chance to upgrade thei knowledge regarding the current practices, instruments an techniques used in manufacturing of biologicals. | |
| 9. | 9. Training given by Dr. B P Kurhe | | |
| 10. | Name of faculty with students | Dr. Smita Pimple Dr. V V Chopade Prof Prashant Pawar Prof Priyanka Sarda Prof Shivraj Mane | |
| 11. | Activity co- coordinator | ; Dr. Vitthal V Chopade | |

Industry Visit In-charge

Dr. P. D. Chaudhari

P.E.S. Modern Cattege of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





P. E. Society's Modern College of Pharmacy, Nigdi, Pune.
Academic Year 2022-23

Date: 13/05/2023

Notice

All students of S.Y. B. Pharm are hereby informed that your botanical garden visit is schedule on J5-05-2023 at Wanwadi, Pune. All should report to college sharp at 9.30 am. Attendance is Mandatory.

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Mr. A. V. Shimmun

Incharge

Dr. P.D. Chaudhari

Principal

CC to-

Academic Section

HOD's

Class Teachers

all and ar

E. 6. Modern-College of Phermacy ector No.21, Yamunanagar, Nigdi, Pune - 411 044.



P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.







Second Year B. Pharm Botanical Garden Visit





Following faculties are nominated by principalDr. Mohini Kuchekar

Dr. Kalyani Kakad

Mr. Devendra Visokar

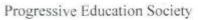
Ms. Anita Malusare

Ms. Swateja Bhosale

P. S. Modern College of Pharmacy
Sector No.27, Yamunanagar, Nigdi,
Pune - 411 044.







Modern College of Pharmacy

Yamuna Nagar, Nigdi, Pune- 44

Date- 15/05/2023

REPORT OF BOTANICAL GARDEN VISIT

| 1. | Name of activity: | Students Visit | |
|-----|--------------------------------------|---|--|
| 2. | Topic of Visit | Botanical Garden Visit | |
| 3. | Date of activity | 15/05/2023 | |
| 4. | Total no Students participated | 60 | |
| 5. | Name of faculty visited | 1. Mr. D. L. Visokar 2. Ms. S. S. Bhosale 3. Ms. A.V. Malusare 4. Ms. A. V. Shingan | |
| 5. | Occasion of activity | Field Visit | |
| 6. | Place of Visit | Empress Gardan, Wanwadi | |
| 7. | Scope & Objectives of Visit | To promote the awareness, study, and conservation of plant species diversity. To support education and research in the field of plant science. To observe and collect plant species from study site. To study natural habitat and characters of plants found in area. | |
| 9. | Outcome of Visit | Students realised natural flora and fauna in its natural form. Students studied natural habitat and characters of plants found in area. Students were made to identify the plants with their scientific name, family, identifying characters along with their importance. | |
| 10. | Activity Incharge | Ms. Aarti Shingan | |

Ms. A. V. Shingan Name & sign of Incharge Callege of the American

E S Moden Schege of Pharmacy Sector No.21, Variationages Migdi



00



Progressive Education Society

Modern College of Pharmacy

Yamuna Nagar, Nigdi, Pune- 44

Activity Photos

Botanical Garden Visit





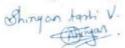


















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Progressive Education Society

Modern College of Pharmacy

Yamuna Nagar, Nigdi, Pune- 44

Date- 15/05/2023

ATTENDACE SHEET BOTANICAL GARDEN VISIT

| Sr. No. | Name of Students | Sign |
|---------|-------------------------------|------------|
| I. | CHAUKATE PRERANA ADINATH | Guyra. |
| 2. | CHAVAN ARATI SANTOSH | Anati_ |
| 3. | DHUMEKAR VEDASHREE ANIL | Mountekan |
| 4. | DUDHADE DEVENDRA SANJAY | - Judhat X |
| 5. | GALANDE SHUBHAM VIJAY | Sol |
| 6. | GHOGARE NILESH BALAJI | appace |
| 7. | GOSAVI DEEPALI SHRIKRUSHNA | Caralli. |
| 8. | HIREMATH NIRAJ SHARANAYYA | AA |
| 9. | ISHTE KIRTI DATTATRAY | Kente |
| 10. | JADHAV RUPESH RAMRAO | @giales |
| 11. | JOSHI ATHARVA PRAFUL | SHOWS |
| 12. | KAMBLE ANUSHKA ANIL | AARomble |
| 13. | KAMBLE ANUSHKA ARVINDKUMAR | found |
| 14. | KANDEKAR TEJAS VIJAY | 5000 |
| 15. | KAPSE YASH RAJU | Rulko |
| 16. | KHAIRE POOJA SUNIL | Heair |
| 17. | KULKARNI YASH BALKRUSHNA | PST. |
| 18. | MANE DIGVIJAY BHARAT | Total |
| 19. | MATHAPATI TUSHAR MALLINATH | Aliha. |
| 20. | MHETRE SHWETA MOHAN | whateh |
| 21. | MULLA TAUFIK USMAN | tamula |
| 22. | NIGADE NIKITA NANASAHEB | 3 juits |
| 23. | PANDE AISHWARYA NARHARIRAO | Re |
| 24. | PATHADE ADITI AMBADAS | dealer |
| 25. | PHALKE PRATIK KIRAN | Bert |
| 26. | RAUT MAHESH DIGAMBAR | n. Rut |
| 27. | REDDY MAHESH RAJKUMAR | 2 |
| 28. | SABALE SAHIL MARUTI | Pehil |
| 29. | SAMBARE DATTATRAY SHRIKRUSHNA | The Maria |



Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.





| 30. | SAPKAL TUSHAR SHRIMANT | FEIR |
|-----|-------------------------------|-----------------|
| 31. | SAWANT OMKAR RAVINDRA | all. |
| 32. | SHENDAGE ROHIT JANARDAN | Eshy |
| 33. | SHINDE ROHIT ANANDA | Columbe |
| 34. | SHIRKE VAISHNAVI VISHNU | atthing |
| 35. | SHIRUDE ATHARVA BHAGWAN | Biruste |
| 36. | SONTAKKE RUTUJA KIRAN | RUS |
| 37. | TALEKAR SANIKA SANJAY | talekor. |
| 38. | VARAT TUSHAR RAJABHAU | danel |
| 39. | WAKUDE SHRIKRUSHNA SANTOSH | 5 Wakedo |
| 40. | WANKHEDE KHUSHI KAILAS | - Sealanthede . |
| 41. | YADAV AMIT RAJBALI | Albadan - |
| 42. | YEOLE MRUGAJA RAJENDRA | Red |
| 43. | ZINJURKE SIDDESH KALYAN | XI HERON |
| 44. | BHAGWAT DNYANOBA BOCHARE | Aurub |
| 45. | BHOSALE SANKET DATTATRAY | Quite. |
| 46. | FUNDE GIRISH PRAMOD | Tunk |
| 47. | GHADAGE BHAGYASHREE BABASAHEB | Shaqyalla |
| 48. | GORE VIKAS AJINATH | The R |
| 49. | HATEKAR JYOTI DADASAHEB | Tuotia- |
| 50. | JADHAV PRATIKSHA VILAS | _padway |
| 51. | JAGTAP SAYALI SUNIL | Anytag - |
| 52. | JAMADADE DHANASHRI SANTOSH | Catrode |
| 53. | LASHKARE SANTOSHI LAKSHMAN | Interiore_ |
| 54. | NAVHALE SAYALI JIVAN | Bit Nontaly |
| 55. | PATHAK ADITYA SANTOSHRAO | Auna |
| 56. | PATIL GIRISH SUDESH | (Rouel- |
| 57. | SHELMUKAR ROHIT PRASHANT | Bhit |
| 58. | SONAWANE SWEETY ASHOK | Surgety. |
| 59. | TAVHARE OMKAR SHANTARAM | Ofantahe |
| 60. | ZORE JAIE RAMDAS | MI |

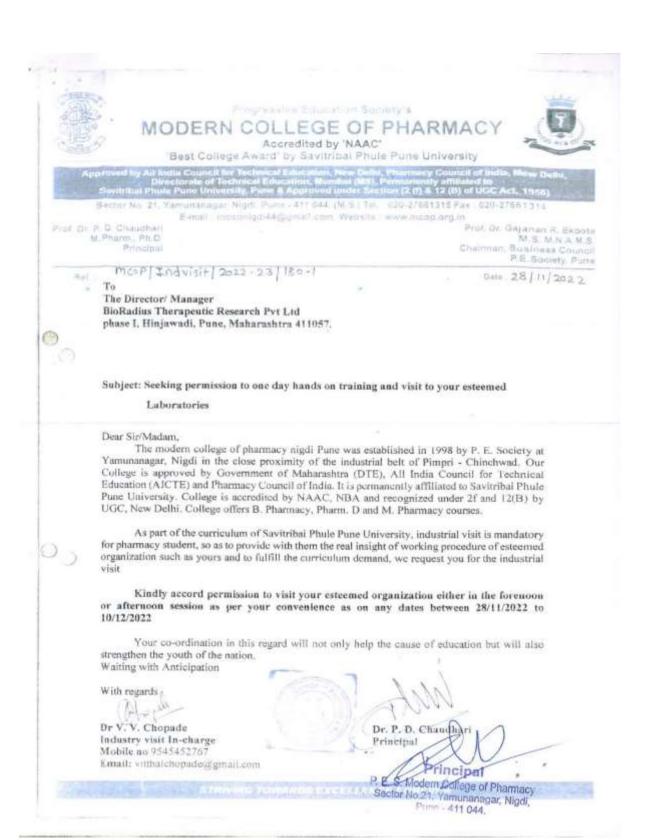


P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi, Pune - 411 044.





Fourth Year Pharm-D Industrial Visit at Bio-Radius Therapeutics Research









Dr. Vitthal Chopade <vitthalchopade@gmail.com>

Seeking permission for visit to your esteemed Laboratories

Sachin Deokar <sachindeokar@bigradiuscro.com>

Mon, Dec 5, 2022 at 12:13 PM

To: "Dr. Vitthal Chopade" <vitthalchopade@gmail.com>

Cc: "Dr. Krishnaveni Gadiraju" <drkrishnaveni@bioradiuscro.com>, "Dr. Senthil Thyagarajan" <head@bioradiuscro.com>

Dear Sir,

This is to confirm you that your industrial visit can plan on 06 Dec 2002,11:00 AM.



Thanks and regards,

Sachin Deokar, U

Chief Scientific Officer.

BioRadius Therapeutic Research Private Limited,

Plot No.8, IndiaLand Global Industrial Park, Hinjewadi Phase I, Pune Maharashtra, INDIA - 411057.

Email: sachindeokar@bioradiuscro.com

Phone: 020-67789113 Mobile: 9049989561

Web; www.bioradiuscro.com

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Pune - 411 044.





P. E. Society's Modern College of Pharmacy Nigdi-44

Industry Visit 2022-23

Notice

Date: 05/12/2022

All Teaching faculty, Non-teaching staff and students of B Pharm/ M Pharm/ Pharm D are hereby informed that, our college has organized one day hands on training and industry visit for students, the details of visit are as follows

Name of Place: BioRadius Therapeutic Research Pvt Ltd phase I, Hinjawadi, Pune, Maharashtra 411057.

Time for reach at Industry: 10:40 am

Name of class: Pharm D IV year and M Pharm (Pharmacology) Second year

Date: 06/12/2022 (Tuesday)

Time for departure from college: 9:30 am

Contact persons during visit

Dr Padmaja Kore: 82082 72961

Dr V V Chopade 9545452767

Prof Swateja Bhosle: 70583 66393

Prof Siddhat Sawdekar 99607 22672

Prof. Priyanka Sarda: 72496 52496

Dr. P. D. Chaudhari

Principal

Copy to

1. Academia section

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.





PES Modern College of Pharmacy, Nigdi. Pune-44

Attendance of students for Industry Visit

Name of Place: BioRadius Therapeutic Research Pvt Ltd phase I, Hinjawadi, Pune, Maharashtra

411057

Name of class: M Pharm (Pharmacology) Second year

Date: 06/12/2022 (Tuesday)

| Roll no | Name | Signature of students |
|----------|------------------|-----------------------|
| COL201 | Akansha Amritkar | -8/2 |
| COL202 | Pranali Bhandare | Garden |
| COL203 | Abhijit Deshmukh | But |
| COL204 | Gayatri Gadekar | Bladene |
| COL205 | Vlnod Galkwad | YOU |
| COL206 | Pratiksha Hajare | Astone |
| COL207 | Dhanashri Katkar | - Kaltar |
| COL208 | Pradnya Khelbude | Khok-18A. |
| COLZ09 | Mohsin Mansoori | Constan |
| COL210 | Kajal Pawade | = Tuan |
| COL211 | Nikita Pawar | Source |
| COL212 • | Ganesh Pore | Green |
| COL213 | Surabhi Shinde | Strake |
| COL214 | Prajakta Tambe | 在 |

Dr. VV Chopade Incharge

Br. P. D. Chaudhari Principal

Principal
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044,





PES Modern College of Pharmacy, Nigdi. Pune-44

Attendance of students for Industry Visit

Name of Place: BioRadius Therapeutic Research Pvt Ltd phase I, Hinjawadi, Pune, Maharashtra

411057

Name of class: Pharm D IV year Date: 06/12/2022 (Tuesday)

| Roll No. | Name Of Student | Signature of students | |
|-------------|------------------------------|--|--|
| 401 | BakaleSayaliShivraj | - 102 | |
| 402 | Bendga Tushar Santya | Design | |
| 403 | BhangeShardulSantoshrao | Brandel | |
| 404 | Chachar Mihir Sunil | Whenty | |
| 405 | Chaturvedi Aakansha Devendra | St. Chance Vegi | |
| 406 | Dalvi Aditya Navnath | Polic. | |
| 407 | Deokar Saakshi Shrikant | Speakal | |
| 408 | Desai Sumedh Sanjay | 2303 03 | |
| 409 | DhadgeSavata Sanjay | Ravata | |
| 410 | Dhas Vishal Khandu | FSALKE | |
| 411 | Dhawade Siddhi Rajendra | Didelly | |
| 412 | Gaikwad Abhijit Atmaram | Attended | |
| 413 | HolmukhePayal Ganpat | Payor | |
| 414 | Jadhav Pratiksha Anil | Thairay | |
| 415 | Jagtap Aishwarya Krishna | Of the Party | |
| 416 | Jha Tushar Sanjeev Kumar | Ture | |
| 417 | Kale Gauri Jagdish | Gra . | |
| 418 | Kamble Padmaja Deepak | Ry- | |
| 319 | KhapePayal Sudhakar | P. T. A. | |
| 420 | LavateRutika Tukaram | land | |
| 421 | LokhandeTallini Dhananjay | Tides | |
| 422 | Manocha Vinay Tarun | 9 | |
| 423 | Meher Akshaya Suresh | 330 | |
| 424 | Mirani Mihir Bharatbhai | STORY OF THE PARTY | |
| 425 | Pande Omkar Harihar | OFF. | |
| 426 | ParkheTejas Santosh | The state of the s | |
| 427 | Patil Ninad Bharat | Diposit , | |
| 428 | Patil Pradnya Prakash | gady | |
| 429 | Patil Yash Anil | Colera . | |
| 430 | Rane Pritish Vijay | 1 | |
| 431 | Shelke Kanchan Arvind | 1 | |
| 432 | Undale Akanksha Kishor | - Arthr | |

Dr. V V Chopade Incharge

Dr. P. D. Chaudhari Principal

Principal

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Sector No. 21, Yamunanagar, Nigdl, Pune - 411 044 (M.S.) Tel. 020-27661315 Fax: 020-276613-14

E-mail: mcopnigdi44@ymail.com Waosite www.mcop.org/in

Prof. Or. P. D. Chaudhari M. Pharm., Ph.D. Principal Prof. Dr. Gajaman R. Exbote M.S. M.N.A.M.S. Chairman, Business Council P.E. Society, Pune

Rel. MCOP TL 2022 - 23 192

Date 05/12/2022

9

To The Director/ Manager BioRadius Therapeutic Research Pvt Ltd phase I, Hinjawadi, Pune, Maharashtra 411057.

Dear Sir,

We are thankful to you for accepted our request for one day hands on training and Industry visit to our students and faculty members

It was a great pleasure for us to have provided the real insight of working procedure of your esteemed organization for our students on 06/12/2022

We again thank you for sparing your valuable time with us. We are sure that you will always be there to help us at every critical turn and we look forward to continuous association with you in future.

Thanking You.

Yours truly,

Dr V. V. Chopade

Incharge

Dr. P. D. Chaudhari

Principal

P. E. S. Modern College of Pharmacy Sector No.21, Yamunanagar, Nigdi,

Pune - 411 044.

STRIVING TOWARDS EXCELLENCE FOREVE





P.E. Society's Modern College of Pharmacy, Nigdi. Pune-44

REPORT OF INDUSTRY VISIT 2022-23

| ı. | Name of activity: | Industry visit for students and Staff | |
|-----|----------------------------------|--|--|
| 2. | Name of Industry | Bio Radius Therapeutic Research Pvt Ltd Phase I,Hinjawadi, Pune, Maharashtra | |
| 3. | Date of activity | 06/12/2022 | |
| 4. | Total no students participate | M Pharm -13 Pharma D - 31 Total - 44 | |
| 5. | Occasion of activity | Industry Academic Interaction | |
| 6. | Place of visit | Therapeutic Research \ Clinical research Lab | |
| 7. | Objectives of activity | To get analytical knowledge, planning abilities, problem analysis, modern tool usage, professional identity, pharmaceutical ethics, life-long learning To get importance of accuracy in practical's experiments How to operate equipment's in lab. | |
| 8. | Outcome of activity | 1. This visit gives information & a chance to upgrade the knowledge regarding the current practices, instruments a techniques used in clinical research industry 2. Students found it very helpful in understanding the ac working of clinical research and various studies conduct Bioavailability and bioequivalence studies as per ICH-G guidelines. | |
| 9. | Training given by | Mr Sachin Deokar | |
| 10. | Name of faculty with students | Dr. P. Kore Dr. V V Chopade Prof Swateja Bhosale Prof Siddhat Sawadekar Prof Privanka Sarda | |
| П. | Activity co- coordinator | : Dr. Vitthal V Chopade | |

Dr. V. V. Chopade

Industry Visit In-charge

Dr. P. D. Chaudhari

Priheipa

Modern College of Pharmacy actor No.21, Yamunanagar, Nigdi, Pune - 411 044.









Principal 1
P. E. S. Modern College of Pharmacy
Sector No.21, Yamunanagar, Nigdi,
Pune - 411 044.