

**“Development and validation of robust analytical method
for determination of Paracetamol & Ibuprofen in
pharmaceutical formulation: A QbD Approach ”**

Dissertation submitted to the

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED**

In partial fulfillment of the requirement for the award of the Degree of

MASTER OF PHARMACY IN QUALITY ASSURANCE

Submitted By

Miss. Madhuri Vishwanath Swami

Guide / Mentor

Mr. Mohammad Zameeruddin

Assistant Professor

**Indira College of Pharmacy,
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**Department of Quality Assurance
INDIRA COLLEGE OF PHARMACY,
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Academic Year

2021 - 22


Principal
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CERTIFICATE

This is to certify that the research work embodied in this thesis "Development and validation of robust analytical method for determination of Paracetamol & Ibuprofen in pharmaceutical formulation: A QbD Approach" Submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by Miss. **Madhuri Vishwanath Swami**, at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy in the subject Quality Assurance. The extent and source of information / materials as has been obtained by candidate from of her sources has been duly acknowledged by him in the thesis. The research work of his is original and Bona fide.

Date : 05/08/2022

Place : Nanded


Mr. Mohammad Zameeruddin

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“Novel Approaches for simultaneous Estimation of Etodolac and Paracetamol in Tablet Dosage Form”

Dissertation submitted to the

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED**

In partial fulfillment of the requirement for the award of the Degree of

**MASTER OF PHARMACY
IN
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Academic Year

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CERTIFICATE

This is to certify that the research work embodied in this thesis "Novel Approaches for simultaneous Estimation of Etodolac and Paracetamol in Tablet Dosage Form" Submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by **Mr. Prashant Shivajirao Natkar**, at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy in the subject Quality Assurance. The extent and source of information / materials as has been obtained by candidate from of her sources has been duly acknowledged by him in the thesis. The research work of his is original and Bona fide.

Date : 05/08/2022

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*'Development and Validation of Green Analytical Method
For Simultaneous Estimation of Empagliflozin & Metformin
In Their Formulation'*

Dissertation submitted to the

SWAMI RAMANAD TEERTH MARATHWADA UNIVERSITY, NANDED

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MASTER OF PHARMACY

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CERTIFICATE

This is to certify that the research work embodied in this thesis entitled '*Development and Validation of Green Analytical Method For Simultaneous Estimation of Empagliflozin & Metformin In Their Formulation*' submitted to Swami Ramanand Teerth Marathwada University, Nanded wascarried out by *Mr. Gajanan Shivaji Shrimanagale*. at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the awardof degree of Master of Pharmacy in the subject Quality Assurance. The extent and source of information / materials has been obtained by candidate from other sources has been duly acknowledged by her in the thesis. The research work of her is original and Bonafide.

Date: 05/08/2022

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Research Guide

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**“Development and Validation of Green Analytical Method
for Simultaneous Estimation of Domperidone and
lansoprazole.”**

Dissertation submitted to the

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED**

In partial fulfillment of the requirement for the award of the Degree of

MASTER OF PHARMACY IN QUALITY ASSURANCE

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CERTIFICATE

This is to certify that the research work embodied in this thesis "Development And Validation of Green Analytical Method for Simultaneous Estimation of DOMPERIDONE & LANSOPRAZOLE." Submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by Miss. Boinwad Prerna Vidyadhar, at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy in the subject Quality Assurance. The extent and source of information / materials as has been obtained by candidate from of her sources has been duly acknowledged by him in the thesis. The search work of his is original and Bonafide.

Date : 05/08/2022

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Research Guide
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**“QUALITATIVE & QUANTITATIVE EVALUATION OF CAREYA
ARBOREA FRUIT BY USING CHROMATOGRAPHIC &
SPECTROSCOPIC TECHNIQUES”**

Dissertation submitted to the

SWAMI RAMANAND TEERTH MARATHAWADA UNIVERSITY, NANDED

In the partial fulfilment of the requirement for the award of the degree of

MASTER OF PHARMACY

In

QUALITY ASSURANCE

Submitted By

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Industrial Guide

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CERTIFICATE BY GUIDE

*This is to certify that the research work embodied in this thesis entitled "**QUALITATIVE & QUANTITATIVE EVALUATION OF CAREYA ARBOREA FRUIT BY USING CHROMATOGRAPHIC & SPECTROSCOPIC TECHNIQUES**" submitted to **Swami Ramanand Teerth Marathwada University, Nanded** was carried out by **Miss.Sakhare Vaishnavi Ramesh** in the Department of Quality Assurance of **Indira College of Pharmacy, Vishnupuri, Nanded** under the supervision of **Miss. H.N.Khan** for the partial fulfilment of the requirement for the award of degree of **Master of Pharmacy** in the subject **Pharmaceutical Quality Assurance**. The extent and source of information/ materials as has been obtained by candidate from other sources has been duly acknowledged by her in the thesis. The research work of her is original and bonafide.*

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**"DEVELOPMENT AND VALIDATION OF ANALYTICAL
METHODS FOR THE ESTIMATION OF LINEZOLID,
PRETOMANID AND BEQAQUILINE IN BULK AND IN
PHARMACEUTICAL DOSAGE FORM"**

Dissertation submitted to the
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
NANDED

In partial fulfillment of the requirement for the award of the degree of
MASTER OF PHARMACY

IN
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DEPARTMENT OF QUALITY ASSURANCE
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Sahayog Sevabhavi Sanstha's
INDIRA COLLEGE OF PHARMACY,
VISHNUPURI, NANDED.



CERTIFICATE

This is to certify that the research work embodied in this thesis entitled "*Development And Validation of Analytical Method For The Estimation Linezolid, Pretomanid and Bedaquiline In Bulk And In Pharmaceutical Dosage Form*" submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by *Miss. Patange Anjali Balasaheb* at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the award of degree of **Master of Pharmacy** in the subject **Quality Assurance**. The extent and source of information / materials as has been obtained by candidate from other sources has been duly acknowledged by her in the thesis. The research work of her is original and Bonafide.

Date : 17/08/2022

Place : Nanded


Dr. Pallavi A. Kamble

Research Guide

Indira College of Pharmacy,
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Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

**"DEVELOPMENT AND VALIDATION OF ANALYTICAL METHODS FOR
THE SIMULTANEOUS ESTIMATION OF EMPAGLIFLOZIN AND
LINAGLIPTIN IN BULK AND IN PHARMACEUTICAL DOSAGE FORM"**

Dissertation submitted to the
SWAMI RAMANAD TEERTH MARATHWADA UNIVERSITY, NANDED

In partial fulfillment of the requirement for the award of the degree of

MASTER OF PHARMACY
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CERTIFICATE

This is to certify that the research work embodied in this thesis entitled "*Development and Validation of Analytical Method for The Simultaneous Estimation of Empagliflozin and Linagliptin in Bulk and in Pharmaceutical Dosage Form*" submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by *Miss. Sawant Supriya D.* at Indira College of Pharmacy, Vishnupuri, Nanded under my supervision in the partial fulfillment of the requirement for the award of degree of **Master of Pharmacy** in the subject **Quality Assurance**. The extent and source of information / materials has been obtained by candidate from other sources has been duly acknowledged by her in the thesis. The research work of her is original and Bona fide.

Date: 10/8/22

Place: Nanded


Dr. Pallavi A. Kamble

Research Guide

Indira College of Pharmacy,
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**“ANALYTICAL METHOD DEVELOPMENT AND
VALIDATION OF AZELNIDIPINE AND TELMISRTAN BY
USING UV & HPLC TECHNIQUE”**

Synopsis submitted to the
**SWAMI RAMANAND TEERTH MARATHWADA
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In partial fulfillment of the requirement

For the award of the Degree of
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CERTIFICATE

This is to certify that the research work embodied in this thesis entitled "*Analytical Method Development And Validation Of Azelnidipine And Telmisartan By Using UV And HPLC Technique*" submitted to Swami Ramanand Teerth Marathwada University, Nanded was carried out by **Miss. Mazalkar Komal K.** in the Department of Quality Assurance of Indira College of Pharmacy, Vishnupuri, Nanded under the supervision of **Miss. Khan Hajera** in the partial fulfillment of the requirement for the award of degree of Master of Pharmacy in the subject **Quality Assurance**. The extent and source of information / materials as has been obtained by candidate from other sources has been duly acknowledged by her in the thesis.

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Miss. Khan Hajera

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*“Development and Validation of Analytical Methods for the
Simultaneous Estimation of Montelukast & Bilastine”*

Dissertation submitted to the

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
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*In partial fulfillment of the requirement for the
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MASTER OF PHARMACY

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CERTIFICATE

This is to certify that the research work embodied in this thesis entitled *“Development And Validation Of Analytical Methods For The Simultaneous Estimation Of Montelukast & Bilastine”* submitted to **Swami Ramanand Teerth Marathwada University, Nanded** was carried out by **Miss. Vaishnavi Gulabrao Sarje** at **Indira College of Pharmacy, Vishnupuri, Nanded** under my supervision in the partial fulfillment of the requirement for the award of degree of **Master of Pharmacy** in the subject **Quality Assurance**. The extent and source of information / materials as has been obtained by candidate from other sources has been duly acknowledged by her in the thesis. The research work of her is original and Bona fide.

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DRUG PRESCRIBING PATTERN IN LIVER PARENCHYMAL DISEASES

Dissertation submitted to the
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED



*Submitted in the partial fulfilment for the
requirement of the curriculum of fifth year (Pharm D.)*

DOCTOR OF PHARMACY



Submitted by

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INDIRA COLLEGE OF PHARMACY, VISHNUPURI, NANDED

2020-2021

Swami Ramanand Teerth Marathwada University, Nanded
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INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED



CERTIFICATE

This is to certify that the research work presented in the thesis entitled "*Drug prescribing pattern in liver parenchymal diseases*" at *Dr. Shankarrao Chavan Government hospital, Nanded*" is carried out by **Bhagyashri Hivrale** in the partial fulfillment of the requirements of curriculum of fifth year of **Doctor of pharmacy (Pharm D.)** of Swami Ramanand Teerth Marathwada university, Nanded is carried out under my guidance and to my satisfaction. Such material is obtained from other sources has been duly acknowledged in the thesis. The thesis is now ready for Examination.

Date: 24/08/2021

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DRUG PRESCRIBING PATTERN IN LIVER PARENCHYMAL DISEASES

Dissertation submitted to the

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED



*Submitted in the partial fulfilment for the
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Swami Ramanand Teerth Marathwada University, Nanded
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CERTIFICATE

This is to certify that the research work presented in the thesis entitled "*Drug prescribing pattern in liver parenchymal diseases*" at **Dr. Shankarrao Chavan Government hospital, Nanded**" is carried out by **Sarangdhar Vaishnavi** in the partial fulfillment of the requirements of curriculum of fifth year of **Doctor of pharmacy (Pharm D.)** of Swami Ramanand Teerth Marathwada university, Nanded is carried out under my guidance and to my satisfaction. Such material is obtained from other sources has been duly acknowledged in the thesis. The thesis is now ready for Examination.

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DRUG PRESCRIBING PATTERN IN LIVER PARENCHYMAL DISEASES

Dissertation submitted to the

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED



*Submitted in the partial fulfilment for the
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INDIRA COLLEGE OF PHARMACY, VISHNUPURI, NANDED
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CERTIFICATE

This is to certify that the research work presented in the thesis entitled "*Drug prescribing pattern in liver parenchymal diseases*" at *Dr. Shankarrao Chavan Government hospital, Nanded*" is carried out by **Deosarkar Komal** in the partial fulfillment of the requirements of curriculum of fifth year of **Doctor of pharmacy (Pharm D.)** of Swami Ramanand Teerth Marathwada university, Nanded is carried out under my guidance and to my satisfaction. Such material is obtained from other sources has been duly acknowledged in the thesis. The thesis is now ready for Examination.

Date: 24/08/2021

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DRUG PRESCRIBING PATTERN IN LIVER PARENCHYMAL DISEASES

Dissertation submitted to the

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED



*Submitted in the partial fulfilment for the
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DOCTOR OF PHARMACY



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CERTIFICATE

This is to certify that the research work presented in the thesis entitled "*Drug prescribing pattern in liver parenchymal diseases*" at *Dr. Shankarrao Chavan Government hospital, Nanded*" is carried out by **Ingole Vrashikesh** in the partial fulfillment of the requirements of curriculum of fifth year of **Doctor of pharmacy** program the faculty of Medicine, Swami Ramanand Teerth Marathwada university Nanded is carried out under my guidance and to my satisfaction. Such material as obtained from other sources has been duly acknowledged in the thesis. The thesis is now ready for Examination.

Date:

Place: NANDED

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Principal
Indira College of Pharmacy
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Dr. Prakash Katakam
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"FORMULATION AND EVALUATION OF FAST DISSOLVING TABLET"



स्वामी रामानन्द तीर्थ मराठवाडा विद्यालय, नांदेड़;

Dissertation submitted to the
Swami Ramanand Teerth Marathwada University Nanded
In Partial Fulfilment of Final year B. Pharmacy Degree

Submitted By

Miss. Bhakti Vishwanath Chile

Miss. Shraddha Vishwanath Chile

Mr. Dnyaneshwar Narayanrao Chopade

Mr. Saurabh Sunilrao Dachawar

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Certificate

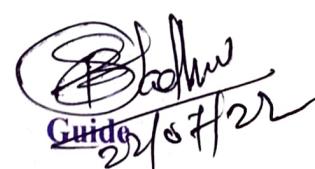
This is certify that Miss. Bhakti Vishwanath Chile, Miss. Shraddha Vishwanath Chile, Mr. Dnyaneshwar Narayanrao Chopade, Mr. Saurabh Sunilrao Dachawar, Mr. Vaibhav Ashokrao Dalvi has satisfactorily carried out the project work entitled "FORMULATION AND EVALUATION OF FAST DISSOLVING TABLET" prescribed by Swami Ramanand Teerth Marathwada University Nanded for the Final Year B. Pharmacy (Semester VIII) during academic year 2021-2022.

Place : Nanded

Date : 22/07/22




Principal
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Vishnupuri, Nanded - 06.


Guide
22/07/22
Dr. Jadhav S.B (Ph.D)

(Head, Department of Pharmaceutics)

Head, Department of Pharmaceutics
SSS Indira College of Pharmacy
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A
Project Report
ON

**FORMULATION AND EVALUATION OF SOLID DISPERSION
FOR POORLY WATER SOLUBLE DRUG**

Submitted for the Partial fulfillment of Fourth year B. Pharm Degree

Submitted by

1. **DAWARE KRISHNA BAPURAO**
2. **DESHMUKH AJINKYA SANJAYRAO**
3. **DHANJE SUPRIYA VASANT**
4. **DHONDE SHIVANI SHIVSAMBH**
5. **DUKARE JYOTI GIRJAJI**

[B. PHARM FINAL YEAR]

Guided by

Dr.Y. PHALGUNA

M. Pharm., Ph. D.



SAHAYOG SEVABHAVI SANSTHA'S
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Submitted to
SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

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Certificate

This is to certify that

1. Daware Krishna Bapurao
2. Deshmukh Ajinkya Sanjayrao
3. Dhanje Supriya Vasant
4. Dhonde Shivanee Shivasambh
5. Dukare Jyoti Girjaji

has satisfactorily carried out the project work entitled

"FORMULATION AND EVALUATION OF SOLID DISPERSION FOR
POORLY WATER SOLUBLE DRUG" prescribed by Swami Ramanand
Teerth Marathwada University, Nanded for the Final Year B. Pharmacy
Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 25/07/2022

Guide

Dr.Y. PHALGUNA

M.PHARM, Ph.d.



Principal
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Vishnupuri, Nanded - 06.

४

In vitro anthelmintic efficacy of phyllanthus emblica L. against Indian adult earth worms (Pheretima Posthuma)

Submitted for the partial fulfillment of fourth year B pharm Degree

Submitted by

Ashwini B. Koturwar

Lakshmi G. Khansole

Sushil J.Kshirsagar

Akash A. Kudale

Amey S. Lakde

Under the Guidance of

Mr. Karle P P (M.Pharm)

(Dept. Of Pharmacology)



Sahayog Sevabhavi Sanstha's

INDIRA COLLEGE OF PHARMACY

Vishnupuri, Nanded 431606(M.S.)

Submitted to

Swami Ramanand Teerth Marthwada University, Nanded

2021-2022




Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.



**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY,
VISHNUPURI, NANDED – 431606, MAHARASHTRA STATE, INDIA**

CERTIFICATE

This is to certify that

- 1) KOTURWAR ASHWINI BALAJI
- 2) KHANSILE LAKSHMI GOPINATH
- 3) KSHIRSAGAR SUSHIL JAYWANT
- 4) KUDHALE AKASH ANIL
- 5) LAKDE AMEY SANTOSH

has Satisfactorily carried out the project work entitled "**In-vitro anthelmentic efficacy of Triphala against Indian adult earth worms (Pheretima posthuma)**." prescribed by swami Ramanand Teerth Marathwada University, Nanded For the Final Year Bachelor of Pharmacy (B.Pharm) in the Subject Pharmacology during academic year 2020-2021.



Place : Nanded

Date : 20/7/21


Guide

Mr. Karale p p
(Dept. Of pharmacology)


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

"FORMULATION AND EVALUATION OF BILAYER TABLET BY DIRECT COMPRESSION TECHNIQUE"



Dissertation submitted to the

Swami Ramanand Teerth Marathwada University Nanded

In Partial Fulfilment of Fourth year B. Pharmacy Degree

SUBMITTED BY

LONE AJAY GANGARAM

MAGAR SHARDA GYANBARAO

MALU MAYUR RAMDAYAL

MANTRI VAISHNAVI GHANSHYAM

MANWAR PRADNYA PRAHLAD

Guided By

Ms. Sonali A. Bhagat

Assistant professor

M. pharm (Pharmaceutics)

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SAHYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

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Indira College of Pharmacy
Vishnupuri, Nanded - 06.



SAHYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED.

Certificate

This is certify that Mr. LONE AJAY GANGARAM, Ms. MAGAR SHARDA GYANBARAO, Mr. MALU MAYUR RAMDAYAL, Ms. MANTRI VAISHNAVI GHANSHYAM, Ms. MANWAR PRDYNA PRALHAD has satisfactorily carried out the project work entitled "**FORMULATION AND EVALUATION OF BILAYER TABLET BY DIRECT COMPRESSION TECHNIQUE**" prescribed by Swami Ramanand Teerth Marathwada University Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date 25/07/22



Guide

MS. SONALI A. BHAGAT

Assistant professor

M.PHARM. (PHARMACUTICS)


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

"NIOSOMES: A NOVEL DRUG DELIVERY SYSTEM"



Dissertation submitted to the
Swami Ramanand Teerth Marathwada University, Nanded
In Partial Fulfilment of Fourth year B.Pharmacy Degree

Submitted By

Mr. Dhirajkumar Bharat Maske
Mr. Mohammad Faizan Farooqui
Miss. Urmila Mohanrao More
Miss. Shraddha Shivaji Nartwar
Mr. Ajay Marotirao Pargewar

GUIDED BY

Mr. Syed Ansar Ahmed

(Asst. Professor)

M.Pharm (Pharmaceutical Chemistry)



SAHAYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED.

2021-2022

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Indira College of Pharmacy
Vishnupuri, Nanded - 06.



SAHYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED.

Certificate

This is certify that **Mr.Dhirajkumar Bharat Maske, Mr.Mohammad Faizan Farooqui, Miss.Urmila Mohanrao More, Miss. Shraddha Shivaji Nartwar, Mr. Ajay Marotirao Pargewar** has satisfactorily carried out the project work entitled "**NIOSOMES:A NOVEL DRUG DELIVERY SYSTEM**" prescribed by Swami Ramanand Teerth Marathwada University Nanded, for the **Final Year B.Pharmacy Semester VIII** during academic year **2021-2022**.

Place :Nanded

Date : 26/07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.


Guide

Mr.Syed Ansar Ahmed

(Asst. Professor)

M. Pharm (Pharmaceutical Chemistry)



A

PROJECT WORK ON

PREPARARTION AND EVALUATION OF HERBAL HAND WASH

Submitted for the Partial fulfilment of fourth year B. pharmacy Degree

Submitted By

Mr.PatangeOmkarTaterao

Miss.PawarNehaPramod

Mr.PedgulwarGovindDattatray

Mr.RamlodMayureshMaroti

Mr.RathodMadan Ramesh

(B. pharm final year)

Guided By

Mr. Pravin Nandkumar Muli

[Dept . of Pharmaceutical Chemistry]



Sahayog Sevabhavi Sanstha's

Indira College of Pharmacy

Vishnupuri, Nanded-431606(M.S.)



Submitted to

Swami Ramanand Teerth Marathwada University Nanded

2021-2022


Principal
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Sahayog Sevabhavi Sanstha's
Indira College of Pharmacy
Vishnupuri, Nanded-431606(M.S.)

CERTIFICATE

This is to certify that Mr. Patange Omkar Tatarao (UD5202), Miss. Pawar Neha Pramod (UD5203) . Mr. Pedgulwar Govind Dattatray (UD5204), Mr. Ramlod Mayuresh Maroti (UD5205), Mr. Rathod Madan Ramesh (UD5206) he/she has satisfactorily carried out the project work entitled "Preparation and Evaluation of Herbal Hand Wash" prescribed by Swami Ramanand Teerth Marathwada University, Nanded for the Final Year B. Pharmacy during Academic Year 2021-22.


Guide

Mr. Pravin Nandkumar Muli
[Dept. of Pharmaceutical Chemistry]
Place: - Nanded
Date:- 26/07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

"DETERMINATION OF CASEIN PRESENT IN DIFFERENT MILK SAMPLES"



Dissertation submitted to the
Swami Ramanand Teerth Marathwada University, Nanded
In Partial Fulfilment of Fourth year B.Pharmacy Degree

Submitted By

Miss. Shailaja Nehru Sontakke
Mr. Shubham Kalidas Suryawanshi
Mr. Sopan Nanaraao Suryawanshi
Mr. Sagar Sanjay Tapdiya
Miss. Tanuja Kashinath Timewar

Guided By

Mr.Syed Ansar Ahmed
(Asst. Professor)
M.Pharm (Pharmaceutical Chemistry)



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SAHAYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED.

2021-2022



SAHAYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED.

Certificate

This is certify that Miss. Shailaja Nehru Sontakke, Mr. Shubham Kalidas Suryawanshi, Mr. Sopan Nanaraao Suryawanshi, Mr. Sagar Sanjay Tapdiya, Miss. Tanuja Kashinath Timewar has satisfactorily carried out the project work entitled "DETERMINATION OF CASEIN PRESENT IN DIFFERENT MILK SAMPLES" prescribed by Swami Ramanand Teerth Marathwada University Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 26/07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

Guide

Mr. Syed Ansar Ahmed
(Asst. Professor)

M. Pharm (Pharmaceutical Chemistry)

A
Project Report
ON

**EXTRACTION, STANDARDIZATION & ANTIOXIDANT SCREENING
OF OIL OF *SEMECARPUS ANACARDIUM* SEEDS**

Submitted for the Partial fulfillment of Fourth year B. Pharm Degree

Submitted by

Sumedh Digambarrao Joshi
Pooja Subhashrao Kadam
Praful Taterao Kadam
Harsha Marotirao Kalaskar
Ayush Gangadhar Kale
[B. PHARM FINAL YEAR]

Guided by

Dr. Pallavi A. Kamble
(M. Pharm; Ph. D.)
[Dept. of Pharmaceutical chemistry]



SAHAYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED 431606 (M.S.)



W **Principal**
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

Submitted to

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

NANDED

2021-2022



Sahayog Sevabhavi Sanstha's
INDIRA COLLEGE OF PHARMACY
Vishnupuri, Nanded 431606 (M.S.)

Certificate

This is to certify that Sumedh Digambarrao Joshi, Pooja Subhashrao Kadam, Praful Taterao Kadam, Harsha Marotirao Kalaskar, Ayush Gangadhar Kale has satisfactorily carried out the project work entitled "EXTRACTION, STANDARDIZATION & ANTIOXIDANT SCREENING OF OIL OF *SEMECARPUS ANACARDIUM* SEEDS" prescribed by Swami Ramanand Teerth Marathwada University, Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 25 / 07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.


Guide

Dr. Pallavi A. Kamble

[Dept. of Pharmaceutical chemistry]

A

PROJECT WORK ON

PREPARARTION AND EVALUATION OF HERBAL FACEWASH

Submitted for the Partial fulfilment of fourth year B. pharmacy Degree

Submitted By

Miss. Utkinkar Pratidnya Gangadhar (UD5227)

Mr. Vasu Pavankumar Yashwantrao (UD5228)

Miss. Wakode Smita Vishwanath (UD5229)

Mr. Yewale Shivprasad Narayan(UD5230)

(B. pharm final year)

Guided By

Mr. Pravin Nandkumar Muli

[Dept. of Pharmaceutical Chemistry]



Sahayog Sevabhavi Sanstha's

Indira College of Pharmacy

Vishnupuri, Nanded-431606(M.S.)



Submitted to

Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

Swami Ramanand Teerth Marathwada University Nanded

2021-2022

Sahayog Sevabhavi Sanstha's

Indira College of Pharmacy

Vishnupuri, Nanded-431606(M.S.)

Certificate

This is to certify that Miss. Ukinkar Pratidnya Gangadhar, Mr. Vasu Pavankumar Yashwantrao , Miss. Wakode Smita Vishwanath , Mr. Yewale Shivprasad Narayan has satisfactorily carried out the project work entitled “Preparation and Evaluation of Herbal Face Wash” prescribed by Swami Ramanand Teerth Marathwada University, Nanded for the Final Year B. Pharmacy during Academic Year 2021-22.



Guide

Mr. Pravin Nandkumar Muli

[Dept. of Pharmaceutical Chemistry]

Place: - Nanded

Date:- 26/07/2022



Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

"ROLE OF FUNCTIONALISED GUM IN SOLID DISPERSION OF AN ANTIBIOTIC DRUG"



Dissertation submitted to the

Swami Ramanand Teerth Marathwada University, Nanded

In Partial Fulfilment of Fourth year B. Pharmacy Degree

Submitted By

Ms. Priyanka Dashrath Shinde

Ms. Vaishnavi Pralhad Shinde

Ms. Shreya Ravindra Singoji

Mr. Prajyot Raju Sonone

Ms. Anjali Anandrao Sontakke

Guided By

Ms. Sonali A. Bhagat

Assistant Professor

M. Pharm (Pharmaceutics)



SAHAYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED.

2021-2022



**Principal
Indira College of Pharmacy
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SAHAYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED.

Certificate

This is certify that Ms. Priyanka Dashrath Shinde, Ms. Vaishnavi Pralhad Shinde, Ms. Shreya Ravindra Singoji, Mr. Prajyot Raju Sonone, Ms. Anjali Anandrao Sontakke has satisfactorily carried out the project work entitled "ROLE OF FUNCTIONALISED GUM IN SOLID DISPERSION OF AN ANTIBIOTIC DRUG" prescribed by Swami Ramanand Teerth Marathwada University, Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 26/07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.


Guided By

Ms. Sonali A. Bhagat

(Assistant Professor)

M. Pharm (Pharmaceutics)

Anthelmintic potential of *Helicteres Isora* bark against *Pheretima Posthuma*

A project work submitted for the partial fulfillment of requirement for the VIIIth semester of B. Pharmacy Degree

Submitted By

Mr. Shinde Akash Karbhari

Mr. Shinde Om Ganesh

Miss. Sharma Gayatri Balkishan

Mr. Shelke Vijay Ashokrao

(B. Pharm. final year)

Guided By

Mr. Karle Pravin P.

(Dept. of Pharmacology)



Sahayog Sevabhavi Sanstha's

Indira College of Pharmacy

Vishnupuri, Nanded-431606(M.S.)



Swami Ramanand Teerth Marathwada University, Nanded

2021-2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.



Certificate

*This is to certify that Mr. Shinde Akash Karbhari, Mr. Shinde Om Ganesh, Miss. Sharma Gayatri Balkishan, Mr. Shelke Vijay Ashokrao has satisfactorily carried out the project work entitled "**Anthelmintic potential of *Helicteres Isora* bark against *Pheretima Posthuma***" prescribed by Swami Ramanand Teerth Marathwada University, Nanded for the Final Year B. Pharmacy during Academic Year 2021-22.*

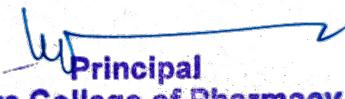


Guide

Mr. Karle Pravin P.

Place: - Nanded

Date: - 20/07/2022


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

A
Project Report
ON

"PRELIMINARY PHYTOCHEMICAL ANALYSIS OF AQUEOUS EXTRACT OF
Malkangani leaves"

Submitted for the Partial fulfillment of Fourth year B. Pharm Degree

Submitted by

SAWANDKAR NAMDEV LAXMAN
SAWANT ABHIJEET BHIMRAO
SAWANT YASHORATNA BHIMRAO
SHAIKH SHOAIB SHADULLA
SHAIKH TAUQEER AQEEB

[B. PHARM FINAL YEAR]

Guided by

Dr. JAMEEL AHMED

M. Pharm; Ph. D.

[Head of Dept. of Pharmacognosy]



SAHAYOG SEVABHAVI SANSTHA'S
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Principal
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Vishnupuri, Nanded - 06.

Submitted to

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY
NANDED
2021-2022



Sahayog Sevabhavi Sanstha's
INDIRA COLLEGE OF PHARMACY
Vishnupuri, Nanded 431606 (M.S.)

Certificate

This is to certify that

**SAWANDKAR NAMDEV LAXMAN
SAWANT ABHIJEET BHIMRAO
SAWANT YASHORATNA BHIMRAO
SHAIKH SHOAIB SHADULLA
SHAIKH TAUQEER AQEEB**

has satisfactorily carried out the project work entitled "*Preliminary Phytochemical Analysis of Aqueous Extract of *Malkangani leaves**" prescribed by **Swami Ramanand Teerth Marathwada University Nanded** for the **Final Year B. Pharmacy Semester VIII** during academic year **2021-2022**.

Place : Nanded

Date : 26/07/2022


**Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.**


Guide

Dr. Jameel Ahmed

[Head, Dept. of Pharmacognosy]

A
Project Report
ON

"PRELIMINARY PHYTOCHEMICAL ANALYSIS OF AQUEOUS EXTRACT OF
Ghaf Leaves"

Submitted for the Partial fulfillment of Fourth year B. Pharm Degree

Submitted by

ATHAWALE GUNARATNA JANARDHAN
BETKAR RUSHIKESH MADHAV
BHUSAWALE SANDIP AJABRAO
BISMILE BALAJI RAMRAO
CHATE MAHESH RAJENDRA
[B. PHARM FINAL YEAR]

Guided by

Dr. JAMEEL AHMED

M. Pharm; Ph. D.

[Head of Dept. of Pharmacognosy]



SAHAYOG SEVABHAVI SANSTHA'S
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Indira College of Pharmacy
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Submitted to

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NANDED
2021-2022



Sahayog Sevabhavi Sanstha's
INDIRA COLLEGE OF PHARMACY
Vishnupuri, Nanded 431606 (M.S.)

Certificate

This is to certify that **ATHAWALE GUNARATNA JANARDHAN**
BETKAR RUSHIKESH MADHAV
BHUSAWALE SANDIP AJABRAO
BISMILE BALAJI RAMRAO
CHATE MAHESH RAJENDRA

has satisfactorily carried out the project work entitled "**Preliminary Phytochemical Analysis of Aqueous Extract of *Ghaf Leaves***" prescribed by **Swami Ramanand Teerth Marathwada University Nanded** for the **Final Year B. Pharmacy Semester VIII** during academic year **2021-2022**.

Place : Nanded

Date : 26/07/2022



Guide

Dr. Jameel Ahmed

[Head, Dept. of Pharmacognosy]



Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

4

A Project Report On
"USE OF UV-VISIBLE SPECTROSCOPIC METHOD FOR THE ASSAY OF
DRUG IN THEIR FORMULATOIN"

Submitted to the



Swami Ramanand Teerth Marathwada University Nanded

In Partial Fulfilment of Fourth Year B. Pharmacy Degree

Submitted By

MR. FAROOQUI FAYZAN AHMED FAHEEM AHMED

MISS. GHANDGE PALLAVI SARJERAO

B. PHARM FINAL YEAR

Guided By

MR. MOHAMMAD ZAMEERUDDIN

M. Pharm, (Ph. D.)

[Head, Dept. of Pharmaceutical Chemistry]



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INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED 431606 (M.S.)

2021-22


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Sahayog Sevabhavi Sanstha's
INDIRA COLLEGE OF PHARMACY
Vishnupuri, Nanded 431606 (M.S.)

Certificate

This is certify that **Mr. Farooqui Fayzan Ahemad Faheem Ahmed** has satisfactorily carried out the project work entitled "Use of UV-Visible spectroscopic method for the assay of drug in their formulation" prescribed by Swami Ramanand Teerth Marathwada University Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 25/07/2022




Guide

Mr. Mohammed Zameeruddin

(Assistant Professor)

**Head Dept. Pharmaceutical Chemistry
SSB Indira College of Pharmacy
Vishnupuri, Nanded-06**


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

A Project Report On
**"USE OF UV-VISIBLE SPECTROSCOPIC METHOD FOR THE ASSAY
OF DRUG IN THEIR FORMULATOIN"**

Submitted to the



स्वामी रामानन्द तीर्थ मराठवाडा विद्यालय, नांदेड.

Swami Ramanand Teerth Marathwada University Nanded

In Partial Fulfilment of Fourth Year B. Pharmacy Degree

Submitted By

MR. GORE NARENDRA AMBADASRAO

MISS.GORE TEJASWINI RAMESHRAO

MR. JAISWAL SHUBHAM GIRIDHARILAL

B. PHARM FINAL YEAR

Guided By

MR. MOHAMMAD ZAMEERUDDIN

M. Pharm, (Ph. D.)

[Head, Dept. of Pharmaceutical Chemistry]



SAHAYOG SEVABHAVI SANSTHA'S

INDIRA COLLEGE OF PHARMACY

VISHNUPURI, NANDED 431606 (M.S.)

2021-22


Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.



SahayogSevabhaviSanstha's

INDIRA COLLEGE OF PHARMACY

Vishnupuri, Nanded 431606 (M.S.)

Certificate

This is certify that **MR.GORE NARENDRA AMBADASRAO** has satisfactorily carried out the project work entitled "Use of UV-Visible spectroscopic method for the assay of drug in their formulation" prescribed by Swami RamanandTeerthMarathwada University Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place :Nanded

Date : 25/07 /2022




Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.


Guide 25/07/22

Mr. Mohammed Zameeruddin

(Assistant Professor)

Head Dept. Pharmaceutical Chemistry
SSS Indira College of Pharmacy
Vishnupuri, Nanded-06

"STABILITY INDICATING ANALYTICAL METHOD DEVELOPMENT & VALIDATION OF ANTI-VIRAL DRUG BY USING UV TECHNIQUES"



*Dissertation submitted to the
Swami Ramanand Teerth Marathwada University Nanded
In Partial Fulfilment of Fourth year B.Pharmacy Degree*

Submitted By

Mr. Prasad Ashokrao Kalyankar

Miss. Shweta Balajirao Kamble

Mr. Kamran Khan Hameed Khan

Miss. Vaishnavi Santosh Kawale

Mr. Bhagwat Daulatrao Kawle.

Guided By

Miss. H.N. Khan

Assistant Professor

**Indira College of pharmacy,
Vishnupuri, Nanded.**



**SAHYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED.**

2021-22

W
Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

SAHYOG SEVABHAVI SANSTHA'S
INDIRA COLLEGE OF PHARMACY
VISHNUPURI, NANDED.



Certificate

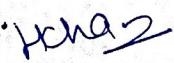
This is certify that Mr. PRASAD ASHOKRAO KALYANKAR, MISS. SHWETA BALAJIRAO KAMBLE, MR. KAMRAN KHAN HAMEED KHAN, MISS.VAISHNAVI SANTOSH KAWALE, MR.BHAGWAT DAULATRAO KAWLE. has satisfactorily carried out the project work entitled "STABILITY INDICATING ANALYTICAL METHOD DEVELOPMENT & VALIDATION OF ANTI-VIRAL DRUG BY USING UV TECHNIQUES" prescribed by Swami Ramanand Teerth Marathwada University Nanded for the Final Year B. Pharmacy Semester VIII during academic year 2021-2022.

Place : Nanded

Date : 25/07/2022




Principal
Indira College of Pharmacy
Vishnupuri, Nanded - 06.

Guide 
Miss. H.N. Khan
(Assistant Professor)