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Criteria: 1	Curricular Aspects
Key Indicator- 1.3	1.3 Curriculum Enrichment
Metric No. 1.3.2.1	M. Pharm Final Year Dissertation

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List of students with M. Pharm Dissertation (AY2021-22)

Sr. No.	Name	Title of Topic	Research Guide
M. Pharm Pharmaceutics			
1	Borhade Dinesh Dattatraya	Formulation and Evaluation of Pirfenidone loaded Chitosan Polyvinyl alcohol graphene oxide nanocomposite scaffold for diabetic foot wound healing	Dr. G. B. Patil
2	Borole Pratiksha Uddhavrao	Formulation and evaluation of Self emulsifying Nano Emulsion loaded soft gelatin capsule for colon targeted drug delivery	Dr. V. K. Chatap
3	Borse Charushila Bhausahab	Synthesis and Characterization of Silk-Fibroin Silica Nanocomposites using Sol-Gel technique for treatment of Osteoarthritis	Dr. G. B. Patil
4	Devkar Pratiksha Manoj	Novel pH sensitive IPN microbeads of polyacrylamide grafted sesbania gum and sodium alginate for gastroprotective drug delivery of diclofenac sodium	Dr. L. R. Zawar
5	Gosavi Dipesh Prakashgir	Fabrication and Characterization of Curcumin Loaded Magnetic Fiber Nanocomposites Capped with GQDs for Targeted and pH-controlled Drug Delivery	Dr. V. K. Chatap
6	Jain Rupal Sudhir	Formulation and Characterization of antipsychotic drug loaded nanosponges	Dr. G. B. Patil
7	Jain Saurabh Rashmikant	Formulation and Evaluation of Thermoreversible Nanoethosomal Gel for Intranasal Delivery of Antipsychotic drug	Dr. G. B. Patil
8	Marathe Bhushan Keshavrao	Fabrication and Characterization of Chrysin Loaded PEGylated Cellulose Nano-fibers for Treatment Breast Cancer	Dr. V. K. Chatap
9	Patil Bhupesh Digambar	Development of silk fibroin based floating microbeads for modified release of BCS-II drug	Dr. L. R. Zawar
10	Patil Gaurav Shriram	Preparation and Characterization of PEGylated Graphene Oxide Nanosheets as a nanocarrier for the Delivery of Quetiapine Fumarate	Dr. G. B. Patil
11	Patil Prajakta Anil	Preparation and characterization of lectin conjugated Amphotericin-B nasal formulation for fungal infection	Dr. V. K. Chatap
12	Pawar Snehal Narendra	Microwave assisted synthetic and characterization of N-Vinyl-2-Pyrrolidone grafted almond gum for modified drug release	Dr. L. R. Zawar
13	Rajput Kirti Kailas	Dual-crosslink Zn ²⁺ pectinate-neem gum-IPN-based microbeads as a potential candidate for GRDDS of lansoprazole	Dr. L. R. Zawar
14	Sontakke Pradip Falaji	Fabrication and Characterization of Chrysin Loaded Cellulose Magnetic Nanocomposites Capped with GQDs for Breast Cancer Treatment	Dr. V. K. Chatap
15	Tawade Shraddha Shirish	Formulation and statistical optimization of chitosan-cassia Tora gum polyelectrolyte complex for modified drug release	Dr. L. R. Zawar
M. Pharm Pharmaceutical Quality Assurance			
16	Borse Krunal Bhimrao	Extraction and evaluation of Withania Coagulans (fruit) and Ehretia Laevis (leaves) for antidiabetic activity	Dr. D. A. Patil
17	Chaudhari Kalyani Chandrakant	Metal Organic Framework Embedded Poly-L-lysine Functionalized Graphene Quantum Dots for Sensing of Taurine	Dr. S. B. Bari
18	Girase Mrunal Ramsing	Development and validation of stability-indicating RP-HPLC method for assay of doxazosin drug in tablet dosage form	Dr. P. O. Patil
19	Kukade Nilesh Samadhan	Natural Deep Eutectic Solvent for solubility and dissolution of water insoluble drugs	Dr. S. B. Bari
20	Manyar Shohebrijvan Mahammadsharif	Estimation of Para-Amino Hippuric Acid using Metal-Organic Framework Embedded Doped GQDs	Prof. C. J. Bhavsar
21	Patil Nikita Mohiniraj	Natural Deep Eutectic Solvent for solubility and dissolution of water	Dr. S. B. Bari

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22	Patil Sairendhri Santoshrao	Metal-Organic Framework Embedded Functionalized Graphene Quantum Dots for Estimation of Para-Aminohippuric Acid	Dr. P. O. Patil
23	Patil Sumit Sanjay	Isolation and characterization of mucilage from Cocus nucifera fruit waste for pharmaceutical application	Dr. R. E. Mutha
24	Rajput Saurabh Nandubhai	Extraction and Evaluation of Antidiabetic Activity of Enicostemma litterola (whole Herb) and S. Macrophylla (Seed)	Dr. D. A. Patil
25	Sharma Priti Dilipkumar	Facile synthesis of carbon quantum dots from <i>Tamarindus Indica leaves and its application for fluorescence detection of potassium dichromate</i>	Dr. D. D. Patil
26	Shinde Yogesh Prataprao	Metal Organic Framework Embedded Heteroatom Doped Graphene Quantum Dots for Sensing of Taurine	Dr. P. O. Patil
27	Sinkar Kiran Prabhakar	Isolation and characterization of cellulose from <i>Rumex vesicarius</i> leaf waste for pharmaceutical application	Dr. R. E. Mutha
28	Sonawane Trunal Ramkrushna	To study antisickling effect of herbal drug and public awareness about sickle cell disease in Shirpur Taluka	Dr. D. D. Patil
29	Suryawanshi Gaurav Sunil	Isolation and characterisation of alpha pinene from turpentine oil	Prof. C. J. Bhavsar
30	Tiwari Prerana Jitendra	Formulation and evaluation of Emulsomes for topical administration in psoriasis	Dr. D. D. Patil

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**FORMULATION AND EVALUATION OF PIRFENIDONE
LOADED CHITOSAN - POLYVINYL ALCOHOL - GRAPHENE
OXIDE NANOCOMPOSITE SCAFFOLD FOR DIABETIC FOOT
WOUND HEALING**

A Dissertation Submitted to the
Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon, Maharashtra, India



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

In
PHARMACEUTICS

Submitted by

Mr. Dinesh Dattatraya Borhade

Under the guidance of

Dr. Ganesh B. Patil

(Associate Professor)

Department of Pharmaceutics

The Shirpur Education Society's
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ENDORSEMENT BY THE PG-INCHARGE

This is to certify that the dissertation entitled "**Formulation and Evaluation of Pirfenidone Loaded Chitosan-Polyvinyl Alcohol-Graphene Oxide Nanocomposite Scaffold for Diabetic Foot Wound Healing**" is a genuine research work carried out by **Mr. Dinesh D. Borhade** under the supervision of **Dr. Ganesh B. Patil**, Associate Professor, Department of Pharmaceutical H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

Place: Shirpur

Date: 25/08/2022

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Formulation and evaluation of self-emulsifying Nano Emulsion
loaded soft gelatin capsule for colon targeted drug delivery

A Dissertation Submitted to the
Kavyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon,
Maharashtra, India



In partial fulfillment of the requirements for the award of a degree of

Master of Pharmacy
In
Pharmaceutics

Submitted by

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(B. Pharm)

Under the guidance of

Dr. Vivekanand K.Chatap
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Associate Professor
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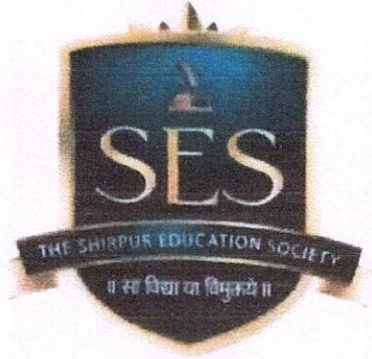
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4

“Synthesis and Characterization of Silk Fibroin-Silica Nanocomposites using Sol-Gel-Technique for Treatment of Osteoarthritis”

A Dissertation Submitted to the



Kavayatri Bahinabai Chaudhari

North Maharashtra University, Jalgaon, Maharashtra

In partial fulfilment of the requirement for the degree of

Master of Pharmacy

In

PHARMACEUTICS

By

Miss. Charushila Bhausaheb Borse

Under the guidance of

Dr. Ganesh B. Patil

Associate Professor

Department of Pharmaceutics

**H. R. Patel Institute of Pharmaceutical Education and
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**“Novel pH-sensitive IPN Microbeads of
Polyacrylamide-grafted-gum *sesbania* and
Sodium Alginate for Gastro Protective Drug
Delivery of Diclofenac Sodium”**

By

Miss. Pratiksha Manoj Devkar

A dissertation submitted to the
**Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon, Maharashtra**

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

In

PHARMACEUTICS

Under the guidance of

Dr. Laxmikant R. Zawar

Associate Professor and HOD

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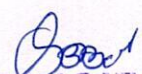
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Dr. S. B. Bari
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Place: Shirpur

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**FABRICATION AND CHARACTERIZATION OF
CURCUMIN LOADED MAGNETIC FIBER
NANOCOMPOSITES CAPPED WITH GQDS FOR
TARGETED AND pH-CONTROLLED DRUG
DELIVERY**

By

Mr. Dipesh Prakashgir Gosavi

A dissertation submitted to the
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In partial fulfillment of
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In

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Under the guidance of
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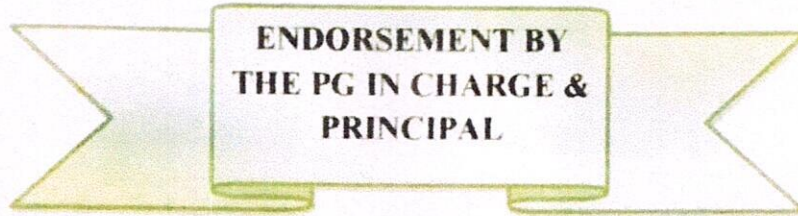
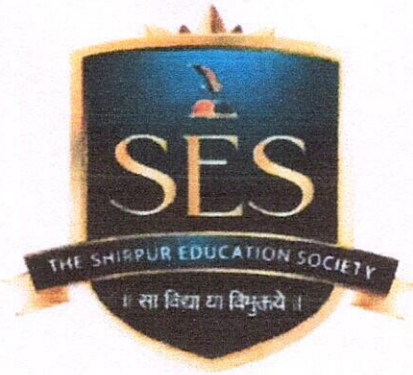
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**“Formulation and Characterization of
Quetiapine Fumarate Loaded Polymeric
Nanosponges”**

A Dissertation Submitted to the



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North Maharashtra University, Jalgaon, Maharashtra

In partial fulfilment of the requirement for the degree of

Master of Pharmacy

In

PHARMACEUTICS

By

Miss. Rupal Sudhir Jain

Under the guidance of

Dr. Ganesh B. Patil

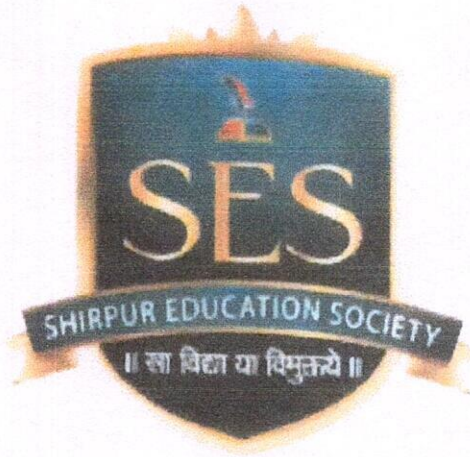
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**“Formulation and Evaluation of
Thermoreversible nanoethosomal gel for
intranasal delivery of Quetiapine Fumarate”**

A Dissertation Submitted to the



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In partial fulfilment of the requirement for the degree of

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Fabrication and Characterization of Chrysin Loaded PEGylated Cellulose Nano-Fibers for Treatment of Breast Cancer

A Dissertation Submitted to the
**Kavayitri Bahinabai Chaudhari North Maharashtra University,
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In partial fulfillment of
the requirement for the award of a degree of
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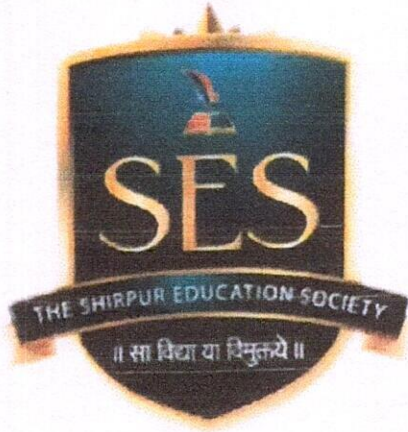
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**Development of Silk Fibroin Based Floating Microbeads for
Modified Release of BCS-II Drug**

By

Mr. Bhupesh Digambar Patil

A Dissertation Submitted to the

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

In

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Under the guidance of

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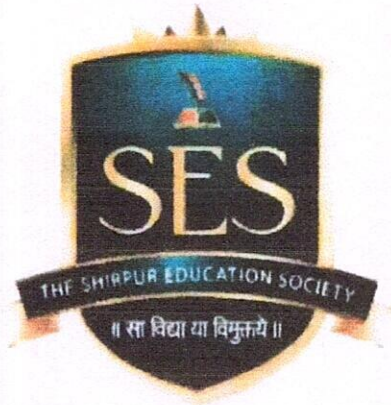
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**Fabrication and Characterization of Polyethylene glycol
Functionalized Graphene Oxide Nanosheets for the Delivery of
Quetiapine Fumarate**

**A Dissertation Submitted to the
Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon,
Maharashtra, India**



In partial fulfillment of the requirements for the award of a degree of

**Master of Pharmacy
In
Pharmaceutics**

Submitted by

**Mr. Gaurav Shriram Patil
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Under the guidance of

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**Associate Professor
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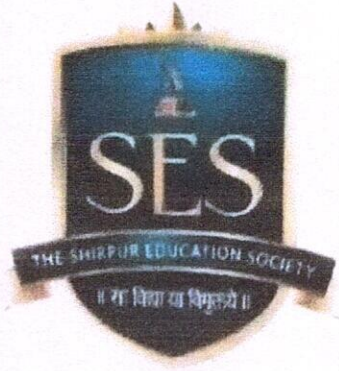
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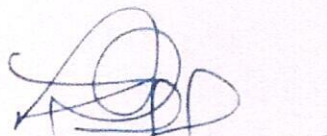


ENDORSEMENT BY THE PG INCHARGE

This is to certify that this dissertation entitled “**Fabrication and Characterization of Polyethylene glycol Functionalized Graphene Oxide Nanosheets for the Delivery of Quetiapine Fumarate**” is a genuine research work carried out by **Mr. Gaurav S. Patil** under the guidance of **Dr. Ganesh B. Patil**, Associate Professor, Department of Pharmaceutics, H.R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

Place: Shirpur

Date: 25/08/2022



Dr. Dipak D. Patil

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H.R. Patel Institute of Pharmaceutical
Education and Research, Shirpur.



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Shirpur Dist. Dhule (M.S) 425 405

**PREPARATION AND CHARACTERIZATION OF
LECTIN CONJUGATED AMPHOTERICIN B FOR
ANTIFUNGAL ACTIVITY**

By

Miss. Prajakta Anil Patil

A dissertation submitted to the

**Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon, Maharashtra**

In partial fulfillment of

the requirements for the degree of

Master of Pharmacy

In

Pharmaceutics

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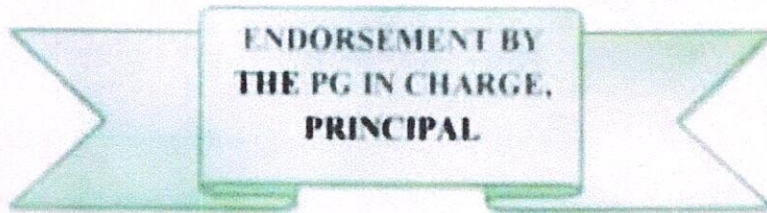
2021-2022

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Signed*



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Shirpur Dist. Dhule (M.S) 425405



This is to certify that this dissertation entitled "**Preparation and Characterization of Lectin Conjugated Amphotericin-B For Antifungal Activity**" is bonafide and genuine research work carried out by **Miss. Prajakta Anil Patil** under the guidance of **Dr. Vivekanand K. Chatap** Associate Professor, Department of Pharmaceutics at **H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur**

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Place: Shirpur

Date: 30/09/22



Place: Shirpur

Date: 30/09/22

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**Microwave Assisted Synthesis and
Characterization of N-vinyl-2-pyrrolidone
Grafted Almond Gum for Modified Drug
Release**

By

Miss. Snehal Narendra Pawar

A dissertation submitted to the

**Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon, Maharashtra**

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

In

PHARMACEUTICS

Under the guidance of

Dr. Laxmikant R. Zawar

Associate Professor

Department of Pharmaceutics

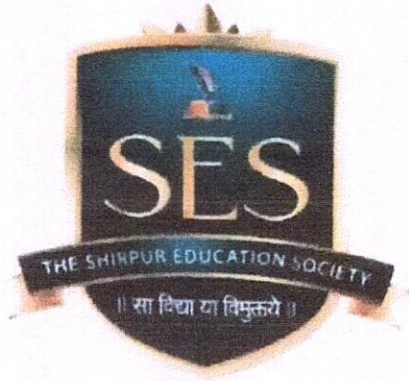
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This is to certify that this dissertation entitled "**Microwave Assisted Synthesis and Characterization of N-vinyl-2-pyrrolidone Grafted Almond Gum for Modified Drug Release**" is bonafide and genuine research work carried out by **Miss. Snehal Narendra Pawar** under the guidance of **Dr. Laxmikant R. Zawar** Associate Professor and Head, Department of Pharmaceutics at H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

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**Formulation, Optimization, and *In-Vitro-Ex-Vivo*
Evaluation of Dual-Crosslinked Zinc Pectinate-Neem
Gum-Interpenetrating Polymer Network Mediated
Lansoprazole Loaded Floating Microbeads**

By

Miss. Kirti Kailas Rajput

A dissertation submitted to the

**Kavayitri Bahinabai Chaudhari North Maharashtra University,
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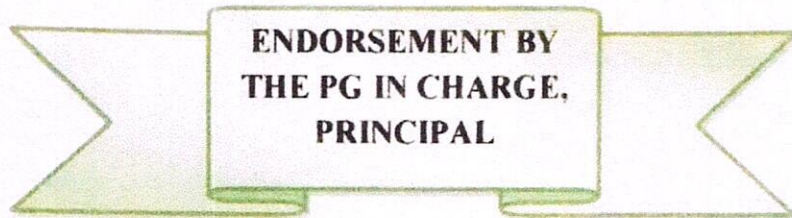
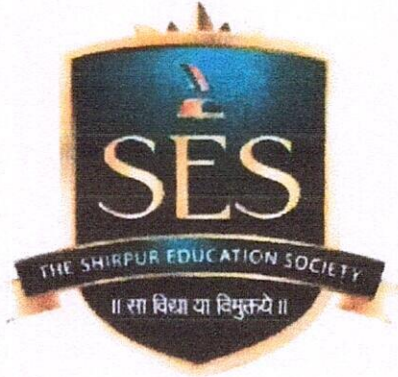
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**Fabrication and Characterization of Chrysin Loaded Cellulose
Magnetic Nanocomposite Capped with GQDs for Breast Cancer
Treatment**

A Dissertation Submitted to the



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**MASTER OF PHARMACY
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Under the guidance of
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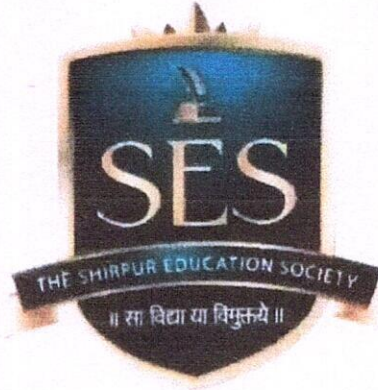
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**Formulation and Statistical Optimization of
Chitosan-Cassia Tora gum Polyelectrolyte
Complex Nanoparticles for Modified Drug
Release**

By

Miss. Shraddha Shirish Tawade

A dissertation submitted to the
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In partial fulfillment of
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“Extraction and Evaluation of *Withania coagulans*(fruit) and *Ehretia laevis*(leaves) for Antidiabetic activity and It’s Synergistic Effect”

A Dissertation Submitted to the



**Kavayatri Bahinabai Chaudhari North Maharashtra University,
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In partial fulfilment of the requirement for the degree of

Master of Pharmacy

In

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**“Metal Organic Frameworks Embedded
Functionalized Graphene Quantum Dots for
Sensing of Taurine”**

A Dissertation Submitted to the



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In partial fulfilment of the requirement for the degree of

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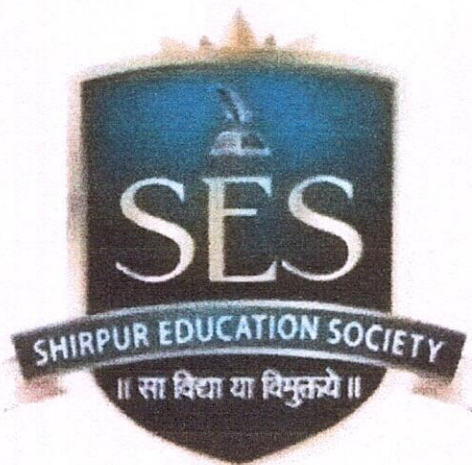
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**"DEVELOPMENT AND VALIDATION OF STABILITY-INDICATING RP-
HPLC ASSAY METHOD FOR DOXAZOSIN MESYLATE DRUG IN
TABLETS DOSAGE FORM"**

A Dissertation Submitted to the



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**“Natural Deep Eutectic Solvent for solubility and
dissolution of water insoluble drugs”**

A Dissertation Submitted to the



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**“Estimation of Para-Amino Hippuric Acid using
Metal Organic Frameworks Embedded Doped
GQDs”**

A Dissertation Submitted to the



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**Natural Deep Eutectic Solvent for Solubility and Dissolution of
Water Insoluble Drugs**

Dissertation Submitted to the



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**“Metal-Organic Framework Embedded Functionalized
Graphene Quantum Dots for Estimation of Para-
Aminohippuric Acid”**

**Dissertation submitted to the Kavayatri Bahinabai Chaudhari
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५

Isolation and characterization of mucilage from *Cocos nucifera* fruit waste for pharmaceutical application

A Dissertation Submitted to the



Kavayitri Bahinabai Chaudhari North Maharashtra University,
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In partial fulfilment of the requirement for the degree of

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Date: 03/09/2022



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H
“Extraction and Evaluation of Antidiabetic Activity of
Encostemma Littorale (whole Herb) and *Swietenia
macrophylla* (Seed)”

A Dissertation Submitted to the
Kavayatri Bahinabai Chaudhari North Maharashtra University,
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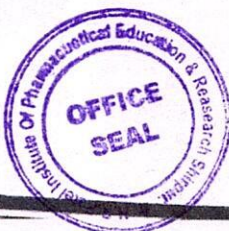
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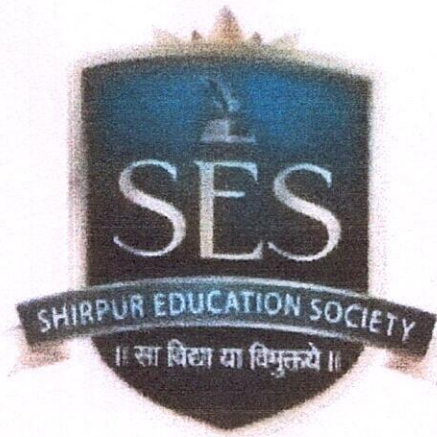
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“Facile Synthesis of Carbon Quantum Dots From *Tamarindus Indica* Leaves and Its Application For Fluorescence Detection of Potassium Dichromate”

A Dissertation Submitted to the
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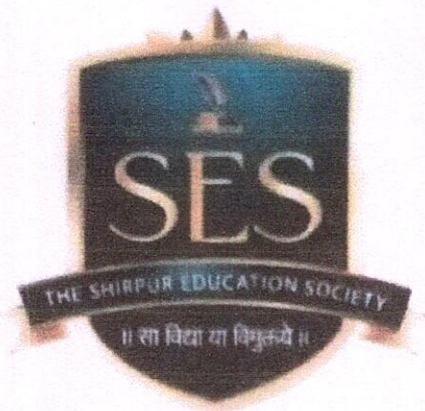
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“Metal Organic Framework Embedded Heteroatom Doped
Graphene Quantum Dots for Sensing of Taurine”

A Dissertation Submitted to the



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**Isolation and characterization of cellulose from *Rumex vesicarius* leaf
waste for pharmaceutical application**

**A Dissertation Submitted to the
Kavayitri Bahinabai Chaudhari North Maharashtra
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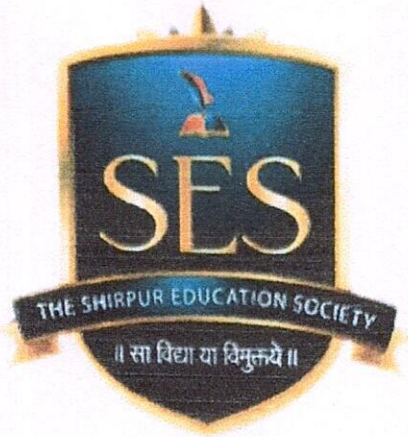
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**“ Anti-sickling Effect of Herbal Medicinal Plant in Sickle Cell Disease
and Public awareness of sickle cell Disease in Shirpur Taluka
region.”**



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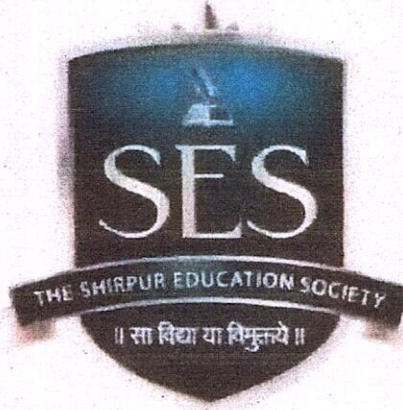
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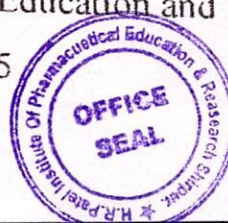
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***"ISOLATION AND CHARACTERIZATION OF
 α -PINENE FROM TURPENTINE OIL"***

Dissertation submitted to
**Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon**



In partial fulfillment of the requirement for the degree of
Master of Pharmacy


**In
Quality Assurance**

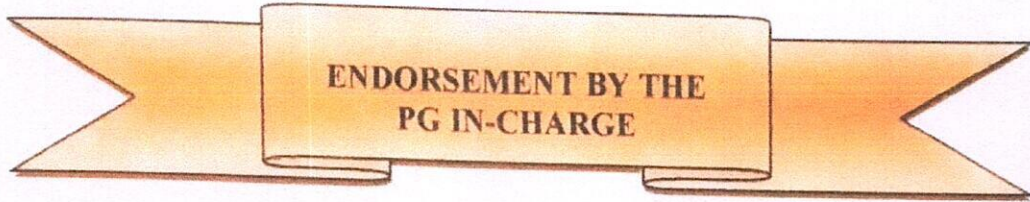
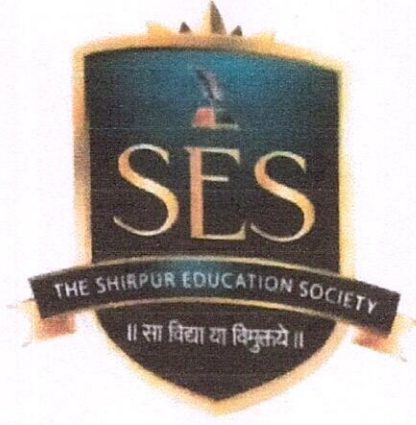
By
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This is to certify that this dissertation entitled "**Isolation and Characterization of α -Pinene from Turpentine Oil**" is a bonafide and genuine research work carried out by **Mr. Gaurav Sunil Suryawanshi** under the guidance of **Mr. Chetan J. Bhavsar** Assistant Professor, Department of Pharmacognosy at H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

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Formulation and Evaluation of Tazarotene Loaded Emulsomes for Topical Administration in Psoriasis

A Dissertation Submitted to the



Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon, Maharashtra

In partial fulfilment of the requirement for the degree of

Master of Pharmacy

In

Quality Assurance

By

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ENDORSEMENT BY THE PG INCHARGE

This to certify that this dissertation "Formulation and Evaluation of Tazarotene loaded Emulsomes for Topical Administration in Psoriasis" is a genuine research work carried out by **Miss. Prerna Jitendra Tiwari**, Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

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