

ACADEMIC YEAR 2022-2023

MPHARM DISSERTATION LIST

SN	NAME OF STUDENT	BRANCH/SPECIALIZATION	TITLE OF PROJECT	NAME OF GUIDE
1	PATIL AMOL SHIVAJI	PHARMACEUTICS	Chitosan and neem gum-based polyelectrolyte complex for design of allantoin loaded biocomposite film: <i>In-vitro</i> , <i>ex-vivo</i> , and <i>in-vivo</i> characterization	DR L. R. ZAWAR
2	KELKAR NIKHIL SUDHIR	PHARMACEUTICS	Formulation, Evaluation and Optimisation of Clozapine loaded polymeric Nanosponges	MR. S. N. JAIN
3	KALASKAR ANKITA ANIL	PHARMACEUTICS	Formulation, Optimization, and <i>In-Vitro-In-Vivo</i> Evaluation of Zinc Pectinate-Carboxymethyl Cassia Tora Gum IPN Beads for Gastro-Retentive Drug Delivery	DR L. R. ZAWAR
4	MAHAJAN POOJA DIPAK	PHARMACEUTICS	"Formulation and <i>In-Vitro-In-Vivo</i> Characterization of zno Nanoparticles-Embedded Chia Seed Mucilage Hydrogel Films for Wound Healing "	DR L. R. ZAWAR
5	PRATHAMESH SHARAD AGRAWAL	PHARMACEUTICS	Formulation and Evaluation of Zein-Gum Ghatti Core Shell Nanoparticles as Carrier for Colon Targeted Resveratrol Delivery	DR L. R. ZAWAR
6	MAHAJAN SUHAS RAJENDRA	PHARMACEUTICS	Formulation and evaluation of graphene oxide/chitosan-based thermosensitive intranasal hydrogel for the delivery of rasagiline mesylate	Dr. G. B. PATIL
7	CHAUDHARI ABHINAV VINOD	PHARMACEUTICS	Preparation and characterization of Ropinirole hydrochloride loaded pectin based spray dried microspheres for Intranasal delivery	Dr. G. B. PATIL
8	PATIL HARSHAL SANJAY	PHARMACEUTICS	Formulation Development and Evaluation of Aminated gelatin microspheres for intranasal drug delivery of Rasagiline Mesylate	Dr. G. B. PATIL
9	GIRASE MAHESH BHAGWANSING	PHARMACEUTICS	Graphene Oxide-incorporated Oleogel for Ocular drug delivery: A Novel Approach with Ketoconazole Loaded, Based on Jasmine Floral Wax and Castor Oil	Dr. G. B. PATIL




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 Education & Research
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10	PAWAR SAYALI VIRENDRA	PHARMACEUTICS	Preparation and Characterization of Lectin Conjugated 18 beta Glycyrrhetic acid Dry powder Inhaler for Antiviral Activity	DR V K CHATAP
11	NIKWADE VINIT YASHWANT	PHARMACEUTICS	Fabrication and Charecterization of Concanavalin A conjugated Curcumin loaded Solid Lipid Nanopartices containing DPI for Thernostic Applications in Lung Cancer	DR V K CHATAP
12	ROTE LUKESH GOPAL	PHARMACEUTICS	Amb loaded cellulose nanofiber coated with vitb12-PEG4000 for treatment of Kala Azar	DR V K CHATAP
13	VANJARI PAVAN DNYANESHWAR	PHARMACEUTICS	Curcumin Loaded Cellulose Magnetic Fiber Nanocomposites Capped with Concanavalin-A for Theranostics Application in Breast Cancer	DR V K CHATAP
14	BHAMARE SONAL SATISH	PHARMACEUTICS	Formulation Development and Evaluation of Zinc Pectinate-Almond gum Interpenetrating Polymer Network Mediated Floating Microbeads of Lansoprazole	MR S.N. JAIN
15	RAJPUT HRISHIKESH ANIL	QUALITY ASSURANCE	Design of surface modified nanoconjugates for the delivery of anticancer drugs	DR.S. B. BARI
16	BACHHAV ASHWINI RAOSAHEB	QUALITY ASSURANCE	Biowaste derived synthesis of fluorescent Graphene Quantum Dots and its application in "ON OFF" sensing of curcumin	DR.S. B. BARI
17	SOLANKI CHANDRAPALSING VIRENDRASING	QUALITY ASSURANCE	Allicin embedded chitosan nanoparticles to enhanced in-vitro antifungal activity	DR. R. E. MUTHA
18	PATIL PRAGATI BHATU	QUALITY ASSURANCE	Isolation, Modification, film formation and characterization of Rice starch	DR. R. E. MUTHA
19	BAGUL NIKHIITA VISHWAS	QUALITY ASSURANCE	NADES based extraction and evalution of anti-sickling effect of anthocyanin compound from yard-long beans pods.	DR. R. E. MUTHA
20	MAHAJAN SANKET NITIN	QUALITY ASSURANCE	Isolation, modification, film formation and characterization of wheat starch	DR. R. E. MUTHA
21	RAMRAJE GAUTAM RAJENDRA	QUALITY ASSURANCE	Surface decorated Metal Organic framework for targeted delivery of anticancer drug	Dr. P. O. PATIL
22	PATIL GHANSHYAM HEMANT	QUALITY ASSURANCE	Metal Organic Framework Functionalized with Boronic Acid Detection of puerarin	Dr. P. O. PATIL



23	MORE PALLAVI VIJAY	QUALITY ASSURANCE	Green synthesis and characterization of copper nanoparticles using Ananas comosus(peels) extract and evaluation for antibacterial and antifungal activity	MR. C. J. BHAVSAR
24	AMRUTKAR HARSHADA KIRAN	QUALITY ASSURANCE	Isolation and Characterization of 1,8 cineole from Eucalyptus Oil.	MR. C. J. BHAVSAR
25	SHARMA ADITI RAVINDRA	QUALITY ASSURANCE	Post-harvest preservation of wheat grains from novel phytoncide 3-carene	MR. C. J. BHAVSAR
26	CHAUDHARI KOMAL GOPICHAND	QUALITY ASSURANCE	Design and fabrication of a simple and sensitive fluorescent probe for sensing sarcosine using a <i>Delorix regia</i> (Gulmohar) tree pod shell	DR. Z. G. KHAN
27	CHAUDHARI SHARAYU SANDIP	QUALITY ASSURANCE	Design and Synthesis of Doped Carbon Quantum Dots as Fluorescent Probes for Detection of Tartrazine	DR. Z. G. KHAN
28	PATIL JAGDISH SUBHASH	QUALITY ASSURANCE	Extraction of anthocyanin and anti-sickling activity from <i>Prunus domestica</i> using Natural Deep Eutectic Solvent	DR. Z. G. KHAN
29	YEWALE GAURAV BHAGWAT	QUALITY ASSURANCE	Preparation and characterization of Clozapine loaded Polyelectrolyte complex nanoparticles for oral delivery	MR S.N. JAIN
30	DIGHOLE AISHWARYA PRASANNA	PHARMACEUTICAL CHEMISTRY	Synthesis and Pharamcological Evaluation of 4H-Chromene Derivatives as an Anti-Alzheimer's Agent	DR.S. B. BARI
31	MAHAJAN PRASAD VIKAS	PHARMACEUTICAL CHEMISTRY	Development and validation of stability, indicating the HPLC assay method for amoxicillin trihydrate, using QBD approaches	DR.S. B. BARI
32	AHIRE SUSHMA VILAS	PHARMACEUTICAL CHEMISTRY	Boronic acid functionalized lanthanide metal organic framework for detection of Pharmaceuticals	Dr. P. O. PATIL
33	YEOLE PRATIK PRAVIN	PHARMACEUTICAL CHEMISTRY	Synthesis of boronic acid functionalized N/S-doped Graphene Quantum dots for Sensing of Sialic acid.	Dr. P. O. PATIL
34	KOLTE KAJAL ANIL	PHARMACEUTICAL CHEMISTRY	Synthesis of Doped Graphene Quantum Dots decorated vanadium pentoxide nanosheet for the detection of tiopronin.	Dr. P. O. PATIL




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35	CHAVAN RUTIKA KISHOR	PHARMACEUTICAL CHEMISTRY	Determining possibility of Maillard reaction in Allopurinol and lactose containing tablet formulation	Mr.P.S.Dabhade
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H.R. Patel Institute of Pharmaceutical
Education & Research
Shirpur Dist. Dhule (M.S) 425 40



**ENDORSEMENT BY THE PG IN CHARGE
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This is to certify that the dissertation entitled "**Formulation and Evaluation of Zein-Gum Ghatti Core Shell Nanoparticles as a carrier for Colon Targeted Resveratrol Delivery**" is a genuine research work carried out by **Mr. Prathamesh S. Agrawal** under the supervision of **Dr. Laxmikant R. Zawar**, Associate Professor, Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

Dr. Laxmikant. R. Zawar

P.G. in charge

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

Place: Shirpur

Date: 08/08/23

Dr. S. B. Bari

Principal

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

Place: Shirpur

Date: 08/08/2023



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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. Laxmikant R. Zawar

Associate Professor (H.O.D)

Department of Pharmaceutics,

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur

Place: Shirpur

Date: 08/08/23



PRINCIPAL
H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that this dissertation entitled "**Formulation Development and Evaluation of Zinc Pectinate-Almond Gum-Interpenetrating Polymer Network Mediated Floating Microbeads of Lansoprazole**" is a bonafide and genuine research work carried out by **Miss. Sonal Satish Bhamare** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Mr. Swapnil. N. Jain

Assistant Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405

Place: Shirpur

Date:

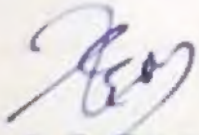


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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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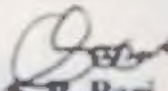

Dr. L. R. Zawar
P.G. In Charge

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 29/08/23


Dr. S. B. Bari
Principal

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur




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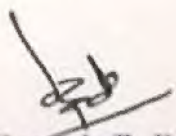


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This is to certify that this dissertation entitled **“Preparation and Characterization of Ropinirole Hydrochloride Loaded Pectin Based Spray Dried Microspheres for Intranasal Delivery”** is a bonafide and genuine research work carried out by **Mr. Abhinav Vinod Chaudhari** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 14/08/2023


Dr. Ganesh B. Patil

Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405



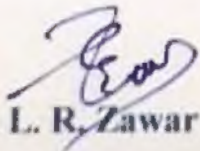

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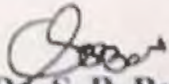

Dr. L. R. Zawar
P.G. In-charge

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 14/8/23


Dr. S. B. Bari
Principal

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

14/08/2023



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Shirpur Dist. Dhule (M.S.) 425 405

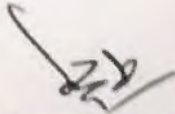


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Place: Shirpur

Date: 14/08/2023


Dr. Ganesh B. Patil

Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405



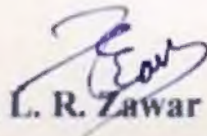

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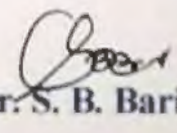
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Dr. L. R. Zawar
P.G. in Charge

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 14/08/23


Dr. S. B. Bari
Principal

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 14/08/2023



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Place: Shirpur

Date: 23/08/23

Dr. Laxmikant R. Zawar

Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur 425 405



PRINCIPAL

H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. L. R. Zawar

PG in Charge

H. R. Patel Institute

of Pharmaceutical Education and

Research, Shirpur


Dr. S. B. Bari

Principal

H. R. Patel Institute

of Pharmaceutical Education and

Research, Shirpur

Place: Shirpur

Date: 23/08/23

Place: Shirpur

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Place: Shirpur

Date:

Mr. Swapnil N. Jain

Assistant Professor

Department of Pharmaceutics
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405



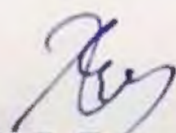
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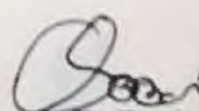

Dr. L. R. Zawar
P.G. In-Charge

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 19/6/23


Dr. S. B. Bari
Principal

H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

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Education & Research,
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Place: Shirpur

Date: 24/08/23

Dr. Laxmikant R. Zawar

Associate Professor (H.O.D),

Department of Pharmaceutics,

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur



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Shirpur Dist. Dhule (M.S.) 425 405



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Dr. Laxmikant R. Zawar

PG-Incharge

Department of Pharmaceutics,
HRPIPER, Shirpur

Dr. Sanjaykumar B. Bari

Principle and Professor

Department of Pharmaceutical
Chemistry,
HRPIPER, Shirpur

Place: Shirpur

Date: 24/08/23



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Education & Research,
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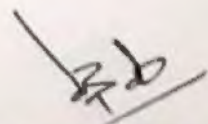


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Place: Shirpur

Date: 14/08/2023

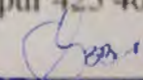

Dr. Ganesh B. Patil

Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405

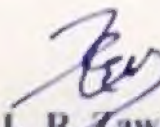



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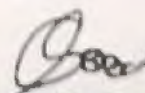
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Dr. L. R. Zawar
PG In-charge

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur

Date: 14/8/23


Dr. S. B. Bari
Principal

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur



14/08/2023

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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Place: Shirpur

Date: 11/08/23



[Handwritten Signature]
11/8/23

Dr. Vivekanand K. Chatap

Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur 425 405



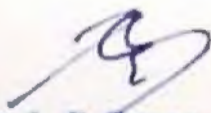
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Shirpur Dist. Dhule (M.S.) 425 405



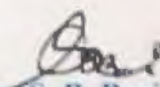
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Dr. L. R. Zawar
PG in Charge

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




Dr. S. B. Bari
Principal

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

Place: Shirpur

Date: 12/8/23

Place: Shirpur

Date: 12/08/2023




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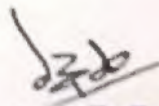


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This is to certify that this dissertation entitled **“Formulation, Development and Evaluation of Aminated Gelatin Microspheres for Intranasal Delivery of Rasagiline Mesylate”** is a bonafide and genuine research work carried out by **Mr. Harshal Sanjay Patil** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 19/8/23


Dr. Ganesh B. Patil
Associate Professor

Department of Pharmaceutics
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405

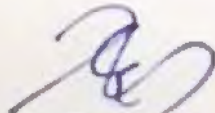



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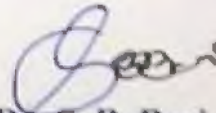
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Dr. L. R. Zawar
P.G. In Charge

H. R. Patel Institute
of Pharmaceutical Education
and Research, Shirpur 425 405

Place: Shirpur

Date: 19/8/23



Dr. S. B. Bari
Principal

H. R. Patel Institute
of Pharmaceutical Education
and Research, Shirpur 425 405

Place: Shirpur

Date: 19/08/2023




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This is to certify that the dissertation entitled "Chitosan and neem gum-based polyelectrolyte complex for design of allantoin loaded biocomposite film: *In-vitro*, *ex-vivo*, and *in-vivo* characterization," is a bonafide and genuine research work carried out by **Mr. Amol S. Patil**, Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur, in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 13/7/23

Dr. Laxmikant R. Zawar

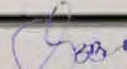
Associate Professor,

Department of Pharmaceutics,

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur




PRINCIPAL
H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



**ENDORSEMENT BY THE
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This is to certify that the dissertation entitled "Chitosan and neem gum-based polyelectrolyte complex for design of allantoin loaded biocomposite film: *In-vitro*, *ex-vivo*, and *in-vivo* characterization," is genuine research work carried out by Mr. Amol S. Patil under the supervision of Dr. Laxmikant. R. Zawar, Associate Professor, Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.

Dr. Laxmikant. R. Zawar

PG-Incharge

Department of Pharmaceutics,
HRPIPER, Shirpur

Dr. Sanjaykumar B. Bari

Principle and Professor

Department of Pharmaceutical
Chemistry,
HRPIPER, Shirpur

Place: Shirpur

Date: 13/7/23



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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405

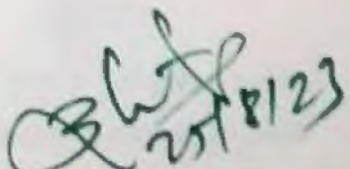


**CERTIFICATE BY THE
GUIDE**

This is to certify that this dissertation entitled entitled "**Preparation and Characterization of Lectin Conjugated 18 β -Glycyrrhetic Acid Dry Powder Inhaler for Anti-viral activity**" is a bonafide and genuine research work carried out by **Miss. Sayali Virendra Pawar** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 25-08-2023


25/8/23
Dr. Vivekanand K. Chatap

Associate Professor

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




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Education & Research,

Shirpur, Dist. Dhule, M.S. 425 409



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Dr. L.R. Zawar,
PG in Charge

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

Dr. S. B. Bari
Principal

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

Place: Shirpur

Date: 25-08-2023

Place: Shirpur

Date: 25-08-2023



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This is to certify that this dissertation entitled "**AmB Loaded Cellulose Nanofiber Coated with Vit B₁₂-PEG4000 For Treatment of Kala Azar**" is a bonafide and genuine research work carried out by **Mr. Lukesh Gopal Rote** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date:



[Handwritten Signature]
11/11/23

Dr. Vivekanand K. Chatap

Associate Professor

Department of Pharmaceutics

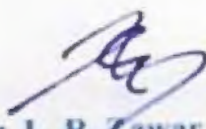
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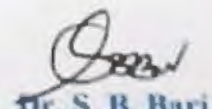
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Dr. L. R. Zawar
PG in Charge

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425405


Dr. S. B. Bari
Principal

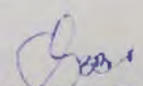
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Place: Shirpur
Date: 12/16/23



Place: Shirpur
Date: 10/08/2023




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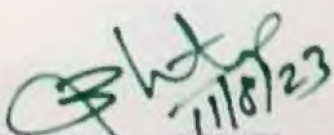
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This is to certify that this dissertation entitled "**Curcumin Loaded Cellulose Magnetic Fiber Nanocomposite Capped with Concanavalin-A For Theranostics Application in Breast Cancer**" is a bonafide and genuine research work carried out by **Mr. Pavan Dnyaneshwar Vanjari** at Department of Pharmaceutics, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date:




11/8/23
Dr. Vivekanand K. Chatap
Associate Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur-425 405



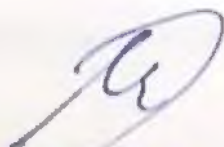
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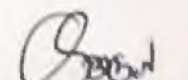


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Dr. L. R. Zawar
P.G. in Charge
H. R. Patel Institute




Dr. S. B. Bari
Principal
H. R. Patel Institute

of Pharmaceutical Education and
Research, Shirpur 425 405

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Research, Shirpur 425 405

Place: Shirpur

Place: Shirpur

Date: 12/8/23

Date: 12/08/2023




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This is to certify that this dissertation entitled "**Isolation and Characterization of 1,8 cineole from Eucalyptus Oil**" is a bonafide and genuine research work carried out by **Miss. Harshada Kiran Amrutkar** at the Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy under my guidance and Supervision.

Place: Shirpur

Date:

Mr. Chetan J. Bhavsar

Research Guide

Assistant Professor, Pharmacognosy

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405



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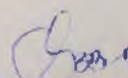
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Date 28/08/2023


Dr. S. B. Bari

Principal

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This is to certify that dissertation entitled "Biowaste derived synthesis of fluorescent Graphene Quantum Dots and its application in "On Off" sensing of curcumin" is a genuine research work carried out by Ms. Ashwini Raosaheb Bachhav under my supervision at the Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirements for the degree of Master of Pharmacy.

Place: Shirpur


Date: 1/08/2023

Dr. Sanjaykumar. B. Bari

Principal

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur- 425 405




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Place: Shirpur

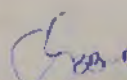
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Date: 21/08/2022


Dr. Sanjaykumar B.

Principal




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This is to certify that this dissertation entitled "**NADES based extraction and evaluation of antisickling effect of anthocyanin compounds from purple pods of yard long beans**" is a bonafide and genuine research work carried out by **Ms. Nikhita Vishwas Bagul** at Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy under my guidance and supervision.

Dr. Rakesh E. Mutha

Associate Professor and Head,
Department of Pharmacognosy
H. R. Patel Institute of Pharmaceutical
Education and Research,
Shirpur 425 405

Place: Shirpur

Date: 21/08/23



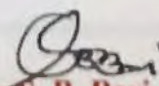
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Dr. S. B. Bari

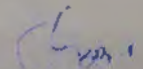
Principal

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

Place: Shirpur

Date: 21/08/2023




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CERTIFICATE BY THE GUIDE

This is to certify that this dissertation entitled "**Design and Synthesis of Doped Carbon Quantum Dots as Fluorescent Probes for Detection of Tartrazine**" is a genuine research work carried out by **Ms. Sharayu Sandip Chaudhari** under my guidance at the Department of Quality Assurance, H.R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirements for the degree of Master of Pharmacy.

Place: Shirpur

Date: 17/08/2023

Dr. Z. G. Khan

Assistant Professor

Department of Pharmaceutical Chemistry

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur-425 405



PRINCIPAL

H. R. Patel Institute of Pharmaceutical
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Dr. L. R. Zawar

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


Dr. S. B. Bari

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




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Education & Research,
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DECLARATION BY THE GUIDE

This is to certify that this dissertation entitled "**Design and fabrication of a simple and sensitive fluorescent probe for sensing sarcosine using a *Delorix regia* (Gulmohar) tree pod shell**" is a genuine research work carried out by **Ms. Komal Gopichand Chaudhari** under my guidance at Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirements for the degree of Master of Pharmacy.

Place: Shirpur

Date: 25/08/2023

Dr. Zamir G. Khan

Research Guide

Assistant Professor, Quality Assurance
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur- 425 405



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PRINCIPAL
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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. I. R. Zawar
PG In-Charge

H. R. Patel Institute of
Pharmaceutical Education and
Research, Shirpur 425 405

Dr. S. B. Bari
Principal

H. R. Patel Institute of
Pharmaceutical Education and
Research, Shirpur- 425 405

Place: Shirpur

Date: 25/06/23



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Education & Research,
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This is to certify that dissertation entitled "Isolation, modification, film formation and characterization of wheat starch" is bonafide and genuine research work carried out by Mr. Sanket Nitin Mahajan, student of Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy.

Place: Shirpur

Date: 17/08/23

Research Guide

Dr. R. H. Mutha

Associate Professor

Department of Pharmacognosy,

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur - 425 405



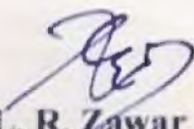
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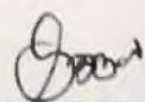
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Dr. L. R. Zawar
P.G. in Charge

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425405

Place: Shirpur

Date: 11/6/23


Dr. S. B. Bari
Principal

H. R. Patel Institute
of Pharmaceutical Education and
Research, Shirpur 425405

Place: Shirpur

Date: 17/6/23



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DECLARATION BY GUIDE

This is to certify that this dissertation entitled **"GREEN SYNTHESIS AND CHARACTERIZATION OF COPPER NANOPARTICLES USING ANANAS COMOSUS (PEELS) EXTRACT AND EVALUATION OF ANTIBACTERIAL AND ANTIFUNGAL ACTIVITY"** is a bonafide and genuine research work carried out by Miss. Pallavi Vijay More, under my guidance at Department of Pharmacognosy, H.R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirements for the degree of Master of Pharmacy.

Place: Shirpur

Date: 09/08/23

Research Guide

Mr. Chetan J. Bhavsar

(Assistant Professor)

Department of Pharmacognosy

H. R. Patel Institute of Pharmaceutical

Education and Research, Shirpur



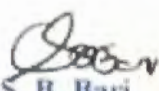
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Dr. S. B. Bari

Principal

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

Place: Shirpur

Date: 09/05/2023




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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that dissertation entitled "**Metal Organic Framework Functionalized with Boronic Acid for the Detection of Puerarin**" is bonafide and genuine research work carried out by **Mr. Ghanshyam Hemant Patil**, Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in pharmacy under my guide and supervision.

Research Guide

Dr. P.O. Patil

Department of Pharmaceutical
Chemistry

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

Place: Shirpur

Date: 20/8/2022



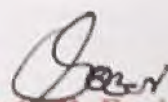
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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that this dissertation entitled **“Metal Organic Framework Functionalized with Boronic Acid for the Detection of Puerarin”** under the guidance of Dr. P.O. Patil a genuine research work carried out by **Mr. Ghanshyam Hemant Patil** Department of Quality Assurance, under the guidance of **Dr. P. O. Patil**, Professor, Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur


Dr. S. B. Bari

Principal and Professor,
Department of Pharmaceutical
Chemistry

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

Place: Shirpur

Date: 31/08/2023




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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that this dissertation entitled "**Extraction of anthocyanin from *Prunus domestica* using natural deep eutectic solvents and evaluation of its anti-sickling activity**" is bonafide and genuine research work carried out by **Mr. Jagdish Subhash Patil** Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 12/08/2023

Dr. Zamir G. Khan

Assistant Professor

Department of Pharmaceutical Chemistry
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur-425 405



PRINCIPAL

H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. L. R. Zawar

PG In-Charge

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

Place: Shirpur

Date: 12/8/23

Dr. S. B. Bari

Principal

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

Place: Shirpur

Date: 14/08/23



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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that this dissertation entitled "Isolation, modification, film formation and characterization of rice starch" is a bonafide and genuine research work carried out by **Ms. Pragati Bhatu Patil** at the Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 18/08/23

Dr. R. E. Mutha

Research Guide

Associate Professor, Pharmacognosy
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425405



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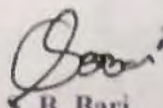
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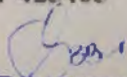
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Place: Shirpur
Date: 18/08/2020


Dr. S. B. Bari
Principal

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425405

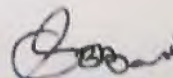



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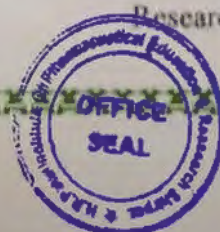
This is to certify that this dissertation entitled **“DESIGN OF SURFACE MODIFIED NANOCONJUGATES FOR THE DELIVERY OF ANTICANCER DRUGS”** is bonafide and genuine research work carried out by **Mr. Hrishikesh Anil Rajput** Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

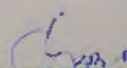

Dr. S. B. Bari

Place: Shirpur

Date: 17/08/2023

Principal and Professor
Department of Quality Assurance
H. R. Patel Institute of Pharmaceutical Education and
Research, Shirpur




PRINCIPAL
H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. L. R. Zawar

PG In-Charge

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

Place: Shirpur

Date: 17/08/23

Dr. S. B. Bari

Principal

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

Place: Shirpur

Date: 17/08/2023



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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that the dissertation entitled "Surface decorated Chitosan coated Europium Metal Organic Framework for targeted delivery of anticancer drug" is bonafide and genuine research work carried out by **Mr. Ramraje Gautam Rajendra** Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfilment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Dr. P. O. Patil

Professor

Dept. of Pharmaceutical Chemistry
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur- 425 405

Place: Shirpur

Date: 19/08/2023

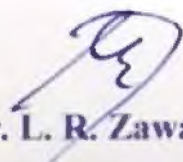


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This is to certify that this dissertation entitled "Surface decorated Chitosan coated Europium Metal Organic Framework for targeted delivery of anticancer drug" is a genuine research work carried out by Mr. Ramraje Gautam Rajendra at the Department of Quality Assurance, under the guidance of Dr. P. O. Patil, Professor, Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur.


Dr. L. R. Zawar
PG In-charge

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

Place: Shirpur

Date: 19/08/23

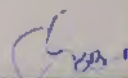
Dr. S. B. Bari
Principal

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

Place: Shirpur

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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that this dissertation entitled "Postharvest preservation of wheat grains from novel phytoncide 3-carene" is a bonafide and genuine research work carried out by **Miss. Aditi Ravindra Sharma** at the Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy under my guidance and Supervision.

Place: Shirpur

Date: 08/08/23

Mr. Chetan J. Bhavsar

Research Guide

Assistant Professor, Pharmacognosy

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425405



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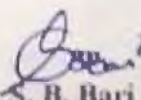
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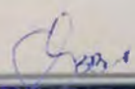
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Place: Shirpur
Date: 08/08/23


Dr. S. B. Bari
Principal

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425405




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H. R. Patel Institute of Pharmaceutical
Education & Research,
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CERTIFICATE BY THE GUIDE

This is to certify that dissertation entitled "**Formulation, Characterization and Evaluation Allicin Embedded Chitosan Nanoparticles For Its Antifungal Activity**" is bonafide and genuine research work carried out by **Mr. Chandrapalsing Virendrasing Solanki**, student of Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master of Pharmacy.

Place: Shirpur

Date: 10/8/23

Research Guide

Dr. R. E. Mutha

Associate Professor

Department of Pharmacognosy,
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur - 425 405



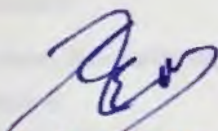
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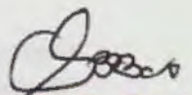

Dr. L. R. Zawar

PG in charge

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

Place: Shirpur

Date: 10/08/23


Dr. S. B. Bari

Principal

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

Place: Shirpur

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Education & Research,
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This is to certify that this dissertation entitled "**Formulation and Characterization of Polyelectrolyte Complex Nanoparticles using Chitosan and *Cassia tora* Gum for the Treatment of Schizophrenia**" is a bonafide and genuine research work carried out by **Mr. Gaurav Bhagawat Yewale** at Department of Quality Assurance, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guidance and supervision.

Place: Shirpur

Date: 17/08/2023

Mr. Swapnil N. Jain

Assistant Professor

Department of Pharmaceutics

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur 425 405



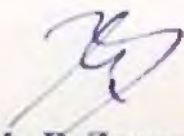
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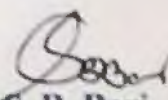
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Dr. L. R. Zawar
P.G. In-charge

H. R. Patel Institute of
Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur


Date: 17/08/23


Dr. S. B. Bari
Principal

H. R. Patel Institute of
Pharmaceutical Education and
Research, Shirpur 425 405

Place: Shirpur



17/08/2023

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Education & Research,
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This is to certify that the dissertation entitle "**Boronic acid functionalized lanthanide metal-organic framework for detection of pharmaceuticals**" is bonafide and genuine research work carried out by **Miss. Ahire Sushma Vilas** Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in pharmacy under my guide and supervision.

Dr. P.O. Patil

Professor

Department of Pharmaceutical
Chemistry

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

Place: Shirpur

Date: 25/8/2023

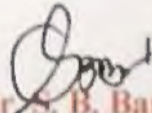


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This is to certify that this dissertation entitled “**Boronic acid functionalized lanthanide metal-organic framework for detection of pharmaceuticals**” under the guidance of Dr. P.O. Patil a genuine research work carried out by **Miss. Ahire Sushma Vilas** at the Department of Pharmaceutical Chemistry, under the guidance of **Dr. P. O. Patil**, Professor, Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur


Dr. S. B. Bari

Principal and Professor,
Dept. of Pharmaceutical Chemistry
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur

Place: Shirpur

Date: 25/08/2022




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This is to certify that dissertation entitled "**Determining Possibility of Maillard Reaction in Allopurinol and Lactose Containing Tablet Formulation**" is a genuine research work carried out by **Miss. Rutika Kishor Chavan** under my supervision, Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirements for the degree of Master of Pharmacy.

Place: Shirpur

Date: 17/08/2023

Research Guide

Dr. Sanjaykumar. B. Bari

Principal HRPIPER

Shirpur



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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Place: Shirpur

Seal and Sign of the Principal

Date: 17/08/2023

Dr. Sanjaykumar B. Bari

Principal HRPIPER

Shirpur



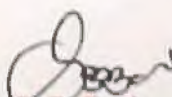
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This is to certify that dissertation entitled "Synthesis and Pharmacological Evaluation of 4H-Chromene Derivatives as an Anti-Alzheimer's Agents" is bonafide and genuine research work carried out by **Miss. Aishwarya Prasanna Dighole** Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in pharmacy under my guide and supervision.


Dr. B. B. Bari

Principal

Place: Shirpur

Date: 30/08/2023

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




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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. S. B. Bari

Principal and Professor,
Dept. of Pharmaceutical Chemistry
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur

Place: Shirpur

Date: 30/08/2022




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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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This is to certify that dissertation entitled **“Design of cobalt-doped graphene quantum dots decorated vanadium pentoxide nanosheets based On-Off-On fluorescent sensor system for tiopronin sensing”** is bonafide and genuine research work carried out by **Miss. Kolte Kajal Anil** Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in pharmacy under my guide and supervision.

Research Guide

Dr. P.O. Patil

**Department of Pharmaceutical
Chemistry**

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

Place: Shirpur

Date: 23/5/2023



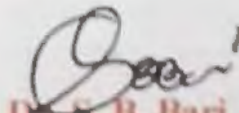
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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



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Dr. S. B. Bari

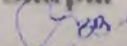
**Principal and Professor,
Department of Pharmaceutical
Chemistry**

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

Place: Shirpur

Date: *24/08/2025*




PRINCIPAL
H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



CERTIFICATE BY THE GUIDE

This is to certify that dissertation entitled "**Development and validation of stability, indicating the HPLC assay method for Amoxicillin trihydrate, using QBD approaches**" is bonafide and genuine research work carried out by **Mr. Prasad Vikas Mahajan**, student of Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfilment of the requirement for the degree of Master of Pharmacy.


Research Guide

Dr. S. B. Bari

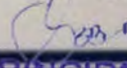
Professor & Principal

Department of Pharmaceutical Chemistry,
H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur - 425 405

Place: Shirpur

Date: 24/08/2023




PRINCIPAL
H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405



ENDORSEMENT BY THE PRINCIPAL

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Place: Shirpur


Date: 24/08/2020


Dr. S. B. Bari

Principal and Professor

H. R. Patel Institute of Pharmaceutical
Education and Research, Shirpur-425405




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Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405

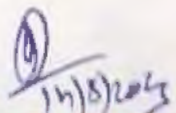


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This is to certify that dissertation entitled “**Synthesis of Boronic Acid Functionalized N/S-doped Graphene Quantum dots for Sensing of Sialic Acid**” is bonafide and genuine research work carried out by **Mr. Pratik Pravin Yeole** Department of Pharmaceutical Chemistry, H. R. Patel Institute of Pharmaceutical Education and Research, Shirpur in partial fulfillment of the requirement for the degree of Master in Pharmacy under my guide and supervision.

Place: Shirpur

Date: 14/10/2023


Dr. P. O. Patil

Professor, Department of Pharmaceutical
Chemistry

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




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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405

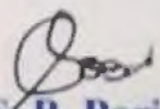


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Place: Shirpur

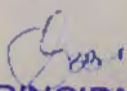
Date: 14/08/2023


Dr. S. B. Bari

Principal and professor

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




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H. R. Patel Institute of Pharmaceutical
Education & Research,
Shirpur Dist. Dhule (M.S.) 425 405