

NAAC CRITERIA 01: Curricular Aspects

1.3 Curriculum Enrichment

DOCUMENT CODE: 1.3.4

Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the preceding academic year)

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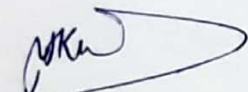
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Certificate

This is to certify that **Miss.Malode Chaitali Dhananjay , Miss.Labhade Sanjana Vithoba, Mr.Phatangare Sudarshan Trambak** of **Third Year B. Pharm** has successfully completed the project entitled **EXTRACTION, ISOLATION AND EVALUATION OF METHANOLIC EXTRACT OF PSIDIUM GUAJAVA** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


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Certificate

This is to certify that **Mr. SAMPAT DHALARAM CHOUDHARY,**
Mr. ANIS ABDUL KHAN Mr. BHAVESH BACCHU ROKADA of
Third Year B. Pharm has successfully completed the project entitled
*“Preparation & Evaluation of an Anti-Bacterial & Wound Healing
Transdermal Patch of Fridax Procumbens”* as per the guidelines of
Internal Research Review Committee (IRRC) of MET's Institute of
Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik - 422 003.


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Certificate

This is to certify that **MR. SHUBHAM A. TAYADE, MR. AKASH C. YADAV, MR. SULAKSHAN N. BHADKE, MR. CHETAN J. SASANE** of *Third Year B. Pharm* has successfully completed the project entitled "**PIPERINE, CORIANDER EXTRACT AND ALMOND OIL: A SOLUTION FOR MIGRAINE**" as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.

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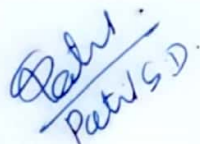
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Certificate


This is to certify that **Mr. Kaustubh S. Kote, Mr. Mukul J. Gupta** of **Third Year B. Pharm** has successfully completed the project entitled **Jelly;The Mouthulcer Remedy** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


Patil S.D.

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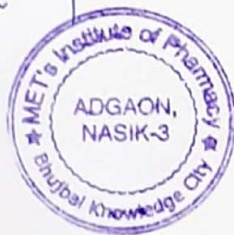


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Certificate

This is to certify that **Ms. Manisha Kuparam Choudhary** of **Third Year B. Pharm** has successfully completed the project entitled **SOLUBILITY ENHANCEMENT METHODS: Chemical modifications and Medicinal chemistry approach** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.

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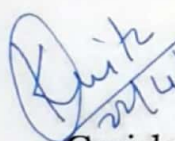
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Certificate

This is to certify that **Ms.Reshmi Sathyan** of **Third Year B. Pharm** has successfully completed the project entitled **SOLUBILITY ENHANCEMENT METHODS: Chemical modifications and Medicinal chemistry approach** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


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Certificate

This is to certify that **Ms. Shruti Sudhir Dhore** of **Third Year B. Pharm** has successfully completed the project entitled **SOLUBILITY ENHANCEMENT METHODS: Chemical modifications and Medicinal chemistry approach** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


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Certificate

This is to certify that **MsSHUBHANGI DESAI** of **Third Year B. Pharm** has successfully completed the project entitled **Antioxidant property of a herbal gel prepared from leaf extract of carica papaya** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


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Certificate

This is to certify that **MsTejaswini S Kshirsagar** of **Third Year B. Pharm** has successfully completed the project entitled **Antioxidant property of a herbal gel prepared from leaf extract of carica papaya** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.



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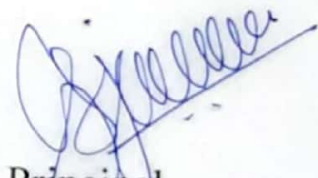
Certificate

This is to certify that **Ms.Dimple Marathe, Ms.DeepaliPekhale, Ms.GayatriBadade, Ms.NandiniShirsat** of **Third Year B. Pharm** has successfully completed the project entitled **“NUTRITIONAL CHOCO SUPPLEMENT”** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, **Bhujbal Knowledge City, Adgaon, Nashik 422 003.**


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Certificate

This is to certify that **Miss. Shradhha P. Aher, Miss. Vaishnavi R. Kavade, Miss. Tejaswini S. Bothara, Miss. Preeti P. Gandhi** of **Third Year B. Pharm** has successfully completed the project entitled **Anti-Bacterial Herbal Semisolid Formulation** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.

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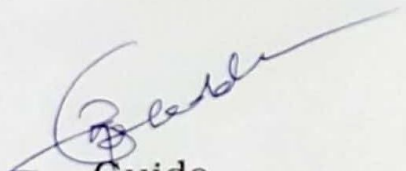


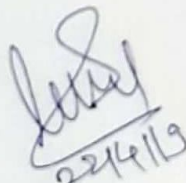
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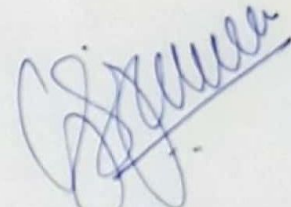
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Certificate

This is to certify that Ms. MRUNAL T. PEKHALE Ms. RUTUJA S. PAWAR, Ms. ANKITA S. CHAVAN, Ms. NEHA N. PATIL of **Third Year B. Pharm** has successfully completed the project entitled "**Preparation & Evaluation of GREEN SCRUB**" as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik - 422 003.


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Certificate

This is to certify that **MS.Tejaswini Tadge,MS.Nikita Nikam, MS.Pooja Shinde,MS.Nikita Shahane,MS.Mayuri Agrawal** of **Third Year B. Pharm** has successfully completed the project entitled **SPECTROSCOPIC METHOD DEVELOPMENT AND VALIDATION OF AMLODIPINE USING HYDROTROPIC SOLUBILIZATION** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.

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Certificate

This is to certify that **Mr. SARVESH B. LOHARKAR**

MS. SAVITA D. DABHADE

MS. PRIYA M. GADAKH

MS. MADHURI S. PAWAR

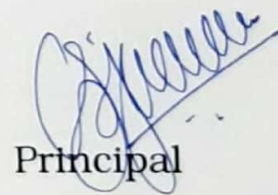
MS. SAKSHI S. NERKAR

of **<Third Year B. Pharm>** has successfully completed the project entitled **ANTI-INFLAMMATORY & ANTI- FUNGAL GEL** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.


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Certificate

This is to certify that **Ms. Jyoti Achane, Jagruti Aringake and Shraddha Khetade** of **Third Year B. Pharm** has successfully completed the project entitled **“Formulation and development of dental gel containing clove oil for the treatment of periodontal diseases.”** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik 422 003.

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(Mr. J. B. Ugate.)

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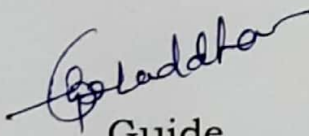


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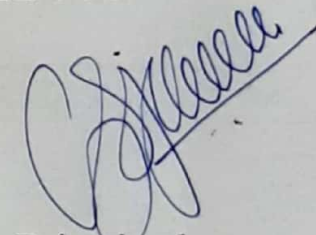
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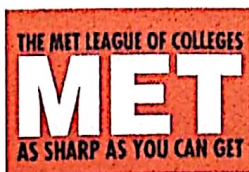
Certificate

This is to certify that **Miss Tanaya Ulhas Chaudhari, Miss Harshada Umesh Bagul, Mr. Dhanraj Sunil Chaudhari & Mr. Anup Nivrutti Shelke** of **Third Year B. Pharm** has successfully completed the project entitled **"Preparation & Evaluation of an Anti-Diabetic Transdermal Patch of Glimepiride"** as per the guidelines of Internal Research Review Committee (IRRC) of MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik - 422 003.


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CERTIFICATE

This is to certify that the research work presented in this dissertation entitled,
“Method Dependant Functionality and Applicability of CEOLUS KG 802 as a Tableting Excipient Using Ibuprofen as a Model Drug Candidate by Using Direct Compression (DC) and Moisture Activated Dry Granulation Method (MADG).” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Aderao Krishna Devidas** under the guidance and supervision of **Dr. Gitanjali S. Deokar**.

This dissertation is now ready for examination.

Place: Nashik



Date 26-6-2019

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



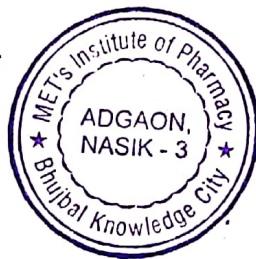
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Development and validation of HPLC method for estimation of pharmaceutical drug and its stability studies in invitro simulated gastric juice and intestinal fluids." submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutical quality assurance technique), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Ms. Swapnapurti Vilas Bharambe, under the guidance and supervision of (prof. Sushil D Patil)

This dissertation is now ready for examination.

Place: Nashik

Date 17/06/19



Dr. S. J. Kshirsagar

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Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Development and Validation of Analytical Method by RP-HPLC and Forced Degradation Studies of Tioconazole", submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality assurance) in the Faculty of Science and Technology, Savitribai Phule, Pune University, Pune, was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr Kunal Ravindra Deshmukh, under the guidance and supervision of guide **Dr Sunita N. Surse** and co-guide **Prof. Sushil D. Patil**

This dissertation is now ready for examination.

Place: Nashik

Date: 20/06/2019

Guide

Dr Sunita N. Surse

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "**Optimization, Development and Evaluation of Formulations Using *Hylocereus undatus* Fruit Extract Driven Polysaccharides.**" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Sciences and Technology , Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss Sophia Martin Francis, under the guidance and supervision of **Dr. Gitanjali Deokar.**

This dissertation is now ready for examination.

Dr. S. J. Kshirsagar

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Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: Nashik

Date 28/06/2019



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD FOR THE ESTIMATION OF METAXALONE IN SPIKED HUMAN PLASMA”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Miss. Prachi Diwakar Gangurde, under the guidance and supervision of Dr. Sanjay J. Kshirsagar.

This dissertation is now ready for examination.

Place: Nashik

Date: 22-6-2019

Dr. Sanjay J. Kshirsagar

Guide,

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Dose dependent functionality and applicability of ceolus UF 702 as excipient in tablet dosage form using Paracetamol as model drug.**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Balaji Asaram Jaybhaye**, under the guidance and supervision of **Dr. Gitanjali S. Deokar**. This dissertation is now ready for examination.

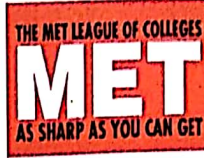
Place: **Nashik**

Date **26/06/2019**

Dr. S. J. Kshirsagar

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Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development, and Evaluation of Capsule Dosage form of Poorly Soluble Drug Apremilast, Processed Using Solid Dispersion Technique”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance Technique), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss. Ankita R. Kulthe**, under the guidance and supervision of **Dr. P. B Udavant and Dr. G. S. Deokar**.

This dissertation is now ready for examination.

Place: Nashik

Date: 12/7/19

Dr. S. J. Kshirsagar
Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "To Develop and Validate liquid-liquid extraction method for estimation of canagliflozin in spiked human plasma by using RP-HPLC method" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003, by Ms. Akshada Pradeep Pingale, under the guidance and supervision of Dr. Santosh S. Chhajed. This dissertation is now ready for examination.

Place: Nashik

Date

Dr. S. J. Kshirsagar

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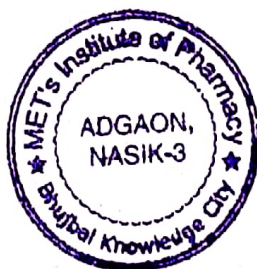
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis Of Co-Crystals Of Sulfonyl Urea Class Drug Using Suitable Cofomers For Enhancement Of Aqueous Solubility”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance Techniques), In Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Yatish. R. Rajderkar**, under the guidance and supervision of **(Dr. Santosh. S. Chhajed)**

This dissertation is now ready for examination.

Place: Nashik

Date



Dr. S.J. Kshirsagar

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Bhujbal Knowledge City

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CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“DEVELOPMENT AND VALIDATION OF STABILITY INDICATING RP-HPLC METHOD IN BULK AND TABLET OF CILINIDIPINE”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutical Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms.Ankita Rajendra Raut, under the guidance and supervision of **Dr.Sandeep S.Sonawane**

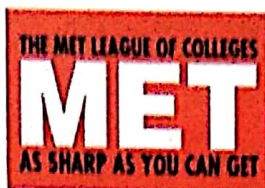
This dissertation is now ready for examination.

Place: Nashik

Date: 22/06/2019

Dr.Sandeep S.Sonawane,

Bhujbal Knowledge City
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CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of Enteric Coated Budesonide Fast Disintegrating Tablets by Quality by Design Approach”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Quality Assurance Techniques), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Shaikh Mohd Athar Abdul Quddus**, under the guidance and supervision of **Dr. Sanjay. J. Kshirsagar**

This dissertation is now ready for examination.

Place: **Nashik**

Date **4/7/2019**

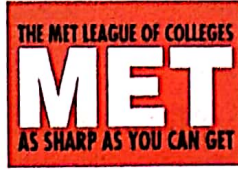
Dr. Sanjay. J. Kshirsagar

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Bhujbal Knowledge City

MET’s Institute of Pharmacy,

Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development And Validation Of Rp-Hplc Method For Quantification Of Seratrodast In Spiked Human Plasma”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr/Ms/Mrs. Priyanka Tukaram Shinde**, under the guidance and supervision of **Dr. Sandeep S. Sonawane**.

This dissertation is now ready for examination.

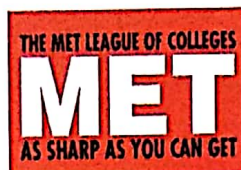
Place: **Nashik**

Date: **22/6/2019**

Dr. Sandeep S. Sonawane.

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Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and Validation of Stability indicating method by using RP-HPLC of Mebeverine Hydrochloride and its applications in chemical kinetics”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (P. Quality assurance), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Ruchika R. Tiwari** under the guidance and supervision of **Dr.Sandeep S.Sonawane**

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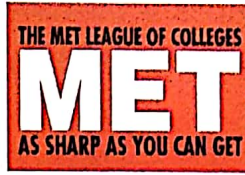
Place: **Nashik**

Date: **22/06/19**

Dr.Sandeep S. Sonwane

Guide,

**Bhujbal Knowledge City
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Adgaon, Nashik- 422003**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation, Development and Evaluation of Fast dissolving tablet containing Rabeprazole and Domperidone”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss. Ware Payal Ravindra**, under the guidance and supervision of **Dr. Sandeep Sonawane**.
This dissertation is now ready for examination.

Place: Nashik

Date: 26/06/2019

Dr. Sandeep Sonawane.

Guide,

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Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “Development and evaluation of silymarin β -cyclodextrin nanosponges” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss. Pallavi Sahebrao Ahire, under the guidance and supervision of **Dr. D.S.Bhambere**.

This dissertation is now ready for examination.

Place: Nashik

Date 19/07/19

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation development and evaluation of Herbal jelly”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Ahire Priyanka Subhash**, under the guidance and supervision of **Dr. Nilima A. Thombre**.

This dissertation is now ready for examination.

Place: **Nashik**

Date

A handwritten signature in blue ink, appearing to read "S. J. Kshirsagar", is written over a faint circular stamp.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
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Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development, optimization and evaluation of surface modified PLGA nanoparticles containing PPAR- γ receptor agonist”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss. Punam Dilip Bagad, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**

This dissertation is now ready for examination.

Place: **Nashik**

Date **17/06/19**

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Dissolution enhancement of Cilnidipine by Solid Dispersion Technique”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Prashant Jagadish Borse** , under the guidance and supervision of **Dr. Moreshwer P. Patil**

This dissertation is now ready for examination.

Place: **Nashik**

Date **11/06/2019**

A handwritten signature in black ink, appearing to be "S. J. Kshirsagar", written over a horizontal line.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and evaluation of formulation for water purification”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutics), in the Faculty of Pharmaceutical Sciences and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms.Kanchan Subhash Chaudhari**, under the guidance and supervision of **Dr.Nilima A. Thombre** This dissertation is now ready for examination.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003

Place: **Nashik**

Date **4/7/019**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Isolation of Starch And Resistant Starch From Green Banana And Evaluation of Its Potential As A Pharmaceutical Excipient”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Mr/Ms/Mrs. **Karishma Mahendra Dhivare**, under the guidance and supervision of **Dr. Moreshwar P.Patil**

This dissertation is now ready for examination.

Place: **Nashik**

Date

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



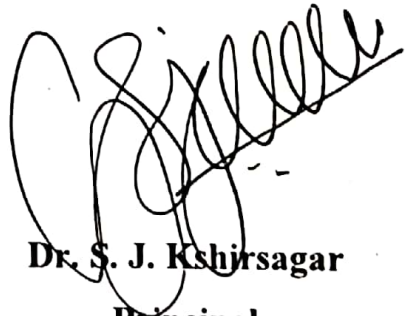
CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation development and evaluation of herbal Gel”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003, by Ms. Gaikwad Swati Madhukar, under the guidance and supervision of Dr. Nilima A. Thombre)**

This dissertation is now ready for examination.

Place: Nashik

Date 04/07/2019



Dr. S. J. Kshirsagar
Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Solubility enhancement of valsartan by crystal engineering.”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms.Diksha Bhika Koli**, under the guidance and supervision of **(Dr. Sapana P. Ahirrao)** This dissertation is now ready for examination.

Place: **Nashik**

Date : **28/6/2019**

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation Optimization and Evaluation of Topical Cream Containing Sertaconazole Nitrate.”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Miss. Smita Dipak Kothmire, under the guidance and supervision of Dr. Moreshwar Patil.

This dissertation is now ready for examination.

Place: **Nashik**

Date *21/06/2019*

A handwritten signature in blue ink, appearing to read "S. J. Kshirsagar", is written over a faint, illegible stamp.

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Synthesis of mesoporous silica nanoparticles of repaglinide with emphasis on dissolution enhancement”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (specialization), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Miss Monali Krishna More**, under the guidance and supervision of **Dr. Moreshwar P. Patil**

This dissertation is now ready for examination.

Place: **Nashik**

Date **21-06-2019**

Dr. S. J. Kshirsagar

Principal

**Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Optimization of Ritonavir Nasal Nanosuspension for Brain Targeting”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. Tapasya Ravindra Mulam, under the guidance and supervision of **Dr. Sanjay J. Kshirsagar**

This dissertation is now ready for examination.

Place: Nashik

Date 20 | 06 | 2019

A handwritten signature in black ink, appearing to read "Dr. Sanjay J. Kshirsagar", written over a horizontal line.

Dr. Sanjay J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Comparative Study of Coprocessed Excipients With Conventional Excipients By Tablet Formulation”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms.Sarita Baban Pawar**, under the guidance and supervision of **Dr.Sapana P.Ahirrao** This dissertation is now ready for examination.



Place: **Nashik**

Date **26/06/2019**

Dr. S. J. Kshirsagar

Principal

**Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Formulation and Evaluation of Novel Biodegradable Sanitary Napkin”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutics), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Sonali Vilas Tidake**, under the guidance and supervision of **Dr. Nilima A. Thombre**. This dissertation is now ready for examination.

Place: **Nashik**

Date **27/06/2019**

Dr. S. J. Kshirsagar

Principal

**Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003**



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "Synthesis, Characterization And Evaluation Of Substituted Benzimidazole Derivatives For Antipsychotic Activity" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by **Mr. Mayur Prabhakar Bari**, under the guidance and supervision of **Dr. Rani S. Kankate**

This dissertation is now ready for examination.

Place: **Nashik**

Date 22-06-2019

Dr. S. J. Kshirsagar
Principal

Bhujbal Knowledge City
MET's Institute of Pharmacy,
Adgaon, Nashik- 422003



2017-2019

CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Development and validation of HPLC Method for estimation of pharmaceutical drug and its stability studies in simulated biological fluids: Comparative study”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutical chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’ s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Tejashri Ranganath Dugaje**, under the guidance and supervision of **Prof. Sushil D. Patil**

This dissertation is now ready for examination.

Place: Nashik

Date 17/06/19

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’ s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, **“Design, Synthesis and Characterization of 2- thioxothiazolidin-4-one as PPAR-gamma agonist in the search of antidiabetic agents.”** submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical Chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by **Ms. Vandana B. Jadhav**, under the guidance and supervision of **Dr. Santosh S. Chhajed**.

This dissertation is now ready for examination.

Place: **Nashik**

Date: **18 June 2019**



Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, “**Design, Synthesis And Characterization of Thiazolidine- 2, 4- diones As PPAR_γ Agonist In The Search of Anti-Diabetic Agent**” submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (Pharmaceutical chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET’s Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Harshada R. Mahajan**, under the guidance and supervision of (**Dr. Santosh chhajed.**)

This dissertation is now ready for examination.

Place: **Nashik**

Date **18/06/2019**



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Principal

Bhujbal Knowledge City
MET’s Institute of Pharmacy,
Adgaon, Nashik- 422003



CERTIFICATE

This is to certify that the research work presented in this dissertation entitled, "SYNTHESIS AND EVALUATION FOR ANTICONVULSANT ACTIVITY OF SOME 1, 3, 4 THIDIAZOLE SUBSTITUTED 4- QUINAZOLINONE DERIVATIVES" submitted in the partial fulfillment of the requirement for the degree of Master of Pharmacy (pharmaceutical chemistry), in the Faculty of Science and Technology, Savitribai Phule Pune University, Pune; was carried out in the laboratories of **Bhujbal Knowledge City, MET's Institute of Pharmacy, Adgaon, Nashik-422003**, by Ms. **Sonal Panditrao Tathe**, under the guidance and supervision of **Dr. Dinesh D. Rishipathak**.

This dissertation is now ready for examination.

Place: **Nashik**

Date **22/06/19**

Dr. S. J. Kshirsagar

Principal

Bhujbal Knowledge City
MET's Institute of pharmacy

Savitribai Phule Pune University
(formerly University of Pune)



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Ganeshkhind, Pune- 411 007.
Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1886

Date:

20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

MET's Institute Of Pharmacy
In Ward No. 11-E
Date 25/07/19
Document No. 11
Signature:

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Darade Smita Tanaji Guide- Dr. Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Design and Development of Intranasal Antiretroviral Drug Formulation for the treatment of Neuro-AIDS."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours faithfully,

Deputy Registrar
(P. G. Admissions)

Savitribai Phule Pune University
(formerly University of Pune)



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Fax: 020-25699232

Ganeshkhind, Pune- 411 007.

Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1886

Date:

20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

MET's Institute of Pharmacy
In Word No. 11-C
Date 25/07/19
Document No. 11
Signature:

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Gaikwad Rupanjali Sandipani Guide- Dr. Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Formulation, Optimization and Evaluation of Colon Specific Drug Delivery System."

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Thanking You,

Yours faithfully,

Deputy Registrar
(P. G. Admissions)

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos.: 25601261/62

Fax: 020-25699232

Ganeshkhind, Pune- 411 007.

Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1886

Date:

20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

MET's Institute Of Pharmacy
Word No. 11 - A
Date 25/07/19
Document No. 11
Signature:

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Gaikwad Sachin Shivaji Guide- Dr. Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Application of Tablet-In-Tablet Technique for Resolving the Problem Related to Solid Oral Dosage Form."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours Faithfully,

Deputy Registrar
(P. G. Admissions)

Savitribai Phule Pune University

(Formerly University of Pune)



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Fax: 020-25699232

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Ref. No.: PGS/ 60

Date:

17 JAN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Adgaon, Nashik - 3.

Sir/Madam,

The Ph. D. Cases forwarded by the Centre were placed before the Research and Recognition Committee in the subject Pharmaceutics (Science & Technology), held on 07/01/2019. The decision/s of the Research & Recognition committee is/are as follows.

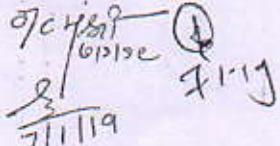
Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Mr. Laddha Umesh Dilip Guide : Dr. Sanjay J. Kshirsagar	Admitted w. e. f. 10/03/2018 & Topic approved as follows : "Formulation development and evaluation of novel ophthalmic drug delivery system."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours faithfully,


Deputy Registrar
(Admissions)


7/1/19

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos.: 25601261/62
Fax: 020-25699232

Ganeshkhind, Pune- 411 007.
Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1886

Date: 20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

MET's Institute Of Pharmacy
In Word No. 11-D
Date 25/07/19
Document No. 11
Signature:

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Manisha Rajesh Patil Guide- Dr. Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Formulation development, optimization and solidification of SEDDS for solubility enhancement of poorly soluble drug."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours faithfully,

Deputy Registrar
(P. G. Admissions)

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos.: 25601261/62
Fax: 020-25699232

Ganeshkhind, Pune- 411 007.
Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1906

Date: 20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Ugale Jayprakash B. Guide- Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Development and Evaluation of Long Acting Depot Formulation for Pharmaceutical Use."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours faithfully,


Deputy Registrar
(P. G. Admissions)

18
31/6/19

61C
Dinakar
03/06/19 36

Savitribai Phule Pune University
(formerly University of Pune)



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Fax: 020-25699232

Ganeshkhind, Pune- 411 007.
Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 1886

Date:

20 JUN 2019

To,
The Principal,
MET's Institute of Pharmacy,
Bhujbal Knowledge City, Adgaon,
Nashik- 422003.
Sir/Madam,

MET's Institute Of Pharmacy
In Ward No. 11-B
Date 25/07/19
Document No. 11
Signature:

The Ph. D. Cases forwarded by the Centre were placed before Meeting held on 04/04/2019 in the subject **Pharmaceutics (Science and Technology)** The decision/s of the Authority is as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Walke Prashant Sudhir Guide- Dr. Kshirsagar Sanjay Jayprakash	Topic Approved & Admitted w. e. f. 10/03/2018 "Evaluation of Effect of Alcohol on Drug Release of Sustained Release Formulations and to Develop Strategies to Compensate its Effect."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours faithfully,

Deputy Registrar
(P. G. Admissions)

9th August 2018

TO WHOMSOEVER IT MAY CONCERN

This is Certify that **Ms. Payal Ravindra Ware** has completed training in **Operations, Quality Assurance and Quality Control** Department from **9th July 2018 to 9th August 2018.**

We wish her all success in her future endeavor.

Thanking you,

Yours sincerely,
For, Amneal Pharmaceuticals Pvt. Ltd.



Authorised Signatory

2nd September 2018

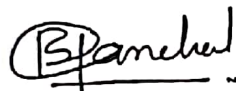
TO WHOMSOEVER IT MAY CONCERN

This is Certify that **Ms. Ankita Rajendra Kulthe** has completed training in **Operations, Quality Assurance and Quality Control Department** from **2nd August to 2nd September 2018.**

We wish her all success in her future endeavor.

Thanking you,

Yours sincerely,
For, Amneal Pharmaceuticals Pvt. Ltd.



Authorised Signatory

2nd September 2018

TO WHOMSOEVER IT MAY CONCERN

This is Certify that **Ms. Prachi Diwakar Gangurde** has completed training in **Operations, Quality Assurance and Quality Control Department** from **2nd August 2018 to 2nd September 2018.**

We wish her all success in her future endeavor.

Thanking you,

Yours sincerely,
For, Amneal Pharmaceuticals Pvt. Ltd.



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