

THE MET LEAGUE OF COLLEGES

**MET**

AS SHARP AS YOU CAN GET

# Institute of Pharmacy



SPPU Best College Award  
2023-24



04/01/2024

THE MET LEAGUE OF COLLEGES

**MET**

AS SHARP AS YOU CAN GET

# Bhujbal Knowledge City

# Mumbai Educational Trust Campuses



## Mumbai

### **Institute of Management**

MBA, MMS, PGDM,  
PGDTM, ADPBM

### **Institute of Pharmacy**

D. Pharm, B. Pharm, M.  
Pharm

### **Institute of Information Technology**

MCA, C-DAC

### **Institute of Mass Media**

ADMM, DMJ

### **Rishikul Vidyalaya**



## Adgaon, Nashik

### **Institute of Management**

MBA, B. Voc., Ph. D.

### **Institute of Engineering**

B. E., MCA

### **Institute of Pharmacy**

B. Pharm, M. Pharm., Ph. D. Pharm D,  
D. Pharm

### **Institute of Technology (Polytechnic)**

### **Institute of Information Technology**

PG-DAC, DASDM

### **Institute of D. Pharmacy**

D. Pharm.

### **Junior College (11th & 12th std)**



## Govardhan, Nashik

### **Institute of Architecture**

B. Arch

B. Design



## Meena Bhujbal School of Excellence, Adgaon, Nashik

# Members of the Board



**Hon. Chhagan Bhujbal**  
**Founder Chairman**

<b>Hon. Shri. Pankaj Bhujbal</b>	<b>Trustee</b>
<b>Hon. Shri Samir Bhujbal</b>	<b>Trustee</b>
<b>Dr. Jitendra Wagh</b>	<b>Trustee</b>
<b>Mr. Dilip Khaire</b>	<b>Trustee</b>
<b>Mr. Subhash Sanas</b>	<b>Trustee</b>
<b>Dr. Nirmal Surya</b>	<b>Trustee</b>
<b>Dr. Shefali Bhujbal</b>	<b>Chief Administrator</b>



## Location of the Campus

<b>Location</b>	Urban
<b>Campus Area</b>	34 Acres
<b>Built-up Area</b>	4646 Sqm

# Institute of Pharmacy

Bachelor of Pharmacy (100)

Master of Pharmacy

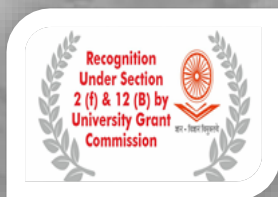
- Pharmaceutics (15)
- Quality Assurance (15)
- Pharmaceutical Chemistry (9)
- Pharmacology (6)
- Regulatory Affairs (9)

Ph. D

Pharm D (30)

D. Pharm (60)

# Our Break-throughs



2023-24	International grant International consultancy Patent commercialization
2022-23	Establishment of Incubation center Top ranking for IIC MHRD Appreciation from Elsevier for research M. Pharm (RA)
2021-22	Start of D. Pharm
2020-21	NAAC Accreditation NBA Accreditation NIRF Ranking
2019-20	2f & 12B recognition from UGC M. Pharm (Pharmacology)
2018-19	Permanent affiliation to SPPU Highest Platinum Rank in AICTE-CII survey Increase in intake of B. Pharm from 60 to 100
2017-18	Highest Platinum Rank in AICTE-CII survey NBA Accreditation (Provisional)
2016-17	Recognition as PhD Research Centre by SPPU
2010-11	M. Pharm Pharmaceutics, Quality Assurance and Pharmaceutical Chemistry
2006-07	Establishment of B. Pharm

# Vision & Mission of Institute of Pharmacy

## **Vision**

To be recognized as an institute of excellence by providing value based pharmacy education in developing graduates with continuous learning, research and leadership qualities to serve the society.

## **Mission**

- To develop MET's Institute of Pharmacy as a superior centre by providing quality education to create competent, skilled graduates to tackle pharmaceutical, technological and social challenges in diversified areas.
- To provide state of the art infrastructure and facilities to promote quality research.
- To inculcate leadership qualities in the students to develop them as responsible pharmacy professionals.
- To create a competent manpower equipped to deal with professional challenges.
- To strengthen the bond between pharmacist and the society by disseminating the professional value.
- To instil skills of life-long learning and ethical behaviour in the student.



# Major Infrastructure

- **Total Number of Class rooms: 07**
- **Total Number of Tutorial rooms: 06**
- **Total Number of Laboratories: 20**
- **Instrument Room: 01**
- **Machine Room: 01**
- **Computer lab: 01**





## Library at Glance

<b>Library Staff</b>	1. Mr. Nitin R. Bhamare, Librarian 2. Ms. Arati D. Kagade, Asst. Librarian	
<b>Total no. books for B. Pharm.</b>	Title – 2037	Volume – 8752
<b>Total no. books for M. Pharm.</b>	Title –1327	Volume – 3023
<b>Total No. of Books (B. Pharm + M. Pharm)</b>	Titles: 3364	Volumes: 11930
<b>Total Cost of Books</b>	Rs. 74,49,775/-	
<b>Total no. of journal (Hard copy)</b>	22	
<b>Total no. of e-journals</b>	1993 (e-books: 1330)	
<b>Book bank facility</b>	Yes [ Samajkalyan, Institute level book bank facility for students etc.]	

# Centralized Facilities



# Our Staff



Dr. Sanjay Kshirsagar  
Experience- 20 year



Dr. Sunita Surse  
Experience- 20 year



Dr. Nilima Thombre  
Experience- 19 year



Dr. Gitanjali Deokar  
Experience- 19 year



Dr. Moreshwar Patil  
Experience- 18 year



Dr. Dinesh Rishipathak  
Experience- 16 year



Dr. Sandeep Sonawane  
Experience- 16 year



Dr. Sapana Ahirrao  
Experience- 15 year



Dr. Santosh Chhajer  
Experience- 15 year



Dr. Pavan Udavant  
Experience- 15 year



Dr. Rani S. Kankate  
Experience- 14 year



Dr. Neelam Dashputre  
Experience- 14 year



Dr. Deepak Bhambere  
Experience- 13 year



Dr. Smita Kakad  
Experience- 11 year

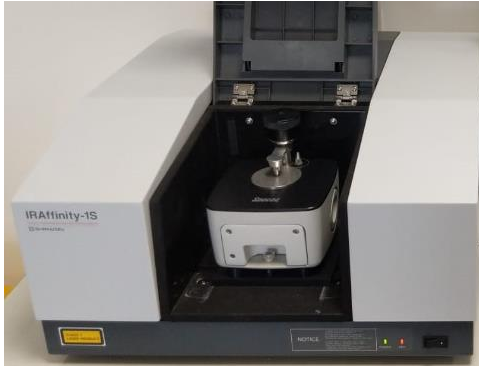
Total Number of Faculties	45
PG & PhD guide	14
Staff with PhD	17
Staff Pursuing PhD	12

# Staff on various bodies

Sr. No.	Name of Staff	Designation
1	Dr. S. J. Kshirsagar	Member, Research Review Committee, SPPU Member Faculty, SPPU Secretary, APTI Maharashtra State
2	Dr. N. A. Thombre	Member, BoS (PharmD)
3	Dr. S. N. Surse	Member, BoS (Pharmacognosy)



# Major Instruments Facilities



- HPLC
- FT-IR
- UV-Visible spectroscopy
- Coulometry
- Photofluorometer
- Flame photometry
- Conductometry
- Polarimetry
- Spray Dryer
- HPH
- Probe Sonicator
- Tablet Coater
- Tablet Compression Machine
- Dissolution Test apparatus
- Brookfield viscometer
- RMG



# Use of Digital Technology in college administration & teaching



Navigation Menu:

- Leaves
  - Leave Details
  - Leave Forward
  - Self Appraisal
  - Result of Theory Subjects
  - Marks Scored in Theory Subjects
  - Professional Endeavour
  - View Appraisal Form
  - Functional Performance
  - Print Appraisal Form
  - Grievance
  - Register Grievance
  - SWOC
  - Guideline
  - SWOC Entry
  - SWOC Forms
  - Student Fees
  - MIT Admission Report
  - Outstanding Fee
  - Outstanding Fee Summary
  - Students
  - Students Admission Summary
  - Student Password Reset
  - NAAC
  - 13. Students Admitted in College
  - Student Marks
  - Online Test
    - Subject Link Entry
    - Set Exam Questions
    - Set GPAT Questions
    - View Test Result
    - View GPAT Result
    - Start GPAT Test
    - E-Material
    - Upload E-Material
    - Download E-Material
    - Finance
    - Salary Details
    - Form 16 Details
    - Home

User Profile: Dr. Patil Moreshwar Pandharinath (DEPT: M PHARMACY)

HR Department Links:

- HR Handbook
- Staff Password Reset
- Staff Feedback Summary
- Staff Personal Profile
- Employees Insurance Details
- Leaves
- Leave Details
- Leave Forward
- Self Appraisal
- Result of Theory Subjects
- Marks Scored in Theory Subjects
- Professional Endeavour
- Appraisal Form
- Functional Performance
- Grievance
- SWOC
- NAAC
- Summary

Message from HR Desk: "This will be w.e.f 01st June 2019. Kindly take note for the same. Regards, Dear Sirs."



## Academic Planning & Development

## Administration

Tally ERP 9 Gateway of Tally

Company: MET'S INSTITUTE OF PHARMACY (From 2011)

Current Date: Tuesday, 21 Apr, 2019

Gateway of Tally:

- Books
- Accounts Info
- Quick Setup
- Transactions
- Accounting Vouchers
- Utilities
- Imp/Out of Date
- Cashbook
- Reports
- Balance Sheet
- Profit & Loss Ac
- Ratio Analysis
- Display
- Multi Account Printing
- Quit

Online Attendance | New Admission | OPAC | Login

Welcome to Online Public Access Catalog (OPAC)

Institute:

- Institute of Engineering
- Institute of Management
- Institute of Pharmacy
- Institute of Technology-Polytechnic
- Institute of IT-CDAC
- Institute of D. Pharmacy
- School of Architecture & Interior Design
- Bhujbal Academy of Science And Commerce
- Meena Bhujbal School of Excellence

Search In:

- Title
- Author
- Keywords
- Publication
- Branch

Resources:

- Journal
- e-Resources
- Thesis

Student Master Form:

Name: Adarao Krishna Devidas

Allegation Letter No: MPPH1100193 | State Merit No: 1079 | General Merit: 7084

Date of Reporting: 17/08/2017

Address Details: Flat No. 7, Wing A, Shri Krishna Heights, Charan Nagar, Tapovan, Nashik

Permanent Address: Gandhi Nagar, Dharmabad, Nanded

Contact Information: Student Email: krishnaadara66@gmail.com

## Finance & Account

## Library

## Student Admission & Support

# Use of ICT Methods in Teaching

**LCD Projector**

**Smart  
Classroom**

**ERP System**

**Softwares**

- Ex –  
Pharmacology
- CliniRex

**Google  
Classroom**

**E-journals and E-  
library resources**

- British Council Library
- National Digital Library

**Language  
Laboratory**





Home

Faculty Participation

Awards

Research

Industry-institute interaction

Intellectual Property

Students

Expert Sessions

MoU

Feedback

Important Websites



# DATA MANAGEMENT PLATFORM

MET's Institute of Pharmacy, Bhujbal Knowledge City, Nashik

- Welcome to the Data Management Platform of MET's Institute of Pharmacy, Bhujbal Knowledge City, Nashik
- Click on the Navigation bar to enter in respective tab.
- **Use only bkc.met.edu email to fill the details**

## Guidelines for the use of Data Management Platform



Home

Faculty Participation

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Important Websites

## RESEARCH

Research Proposal Submitted to National/International Agency by staff (IRRC)

[Link](#)

Sanctioned Research Project Details (IRRC)

[Link](#)

Research/Review Paper Published in National/International Journal (Mr. Ahire)

[Link](#)

Book/book Chapter Published (Mr. Ahire)

[Link](#)



This site is maintained and updated by MET's Institute of Pharmacy, Nashik

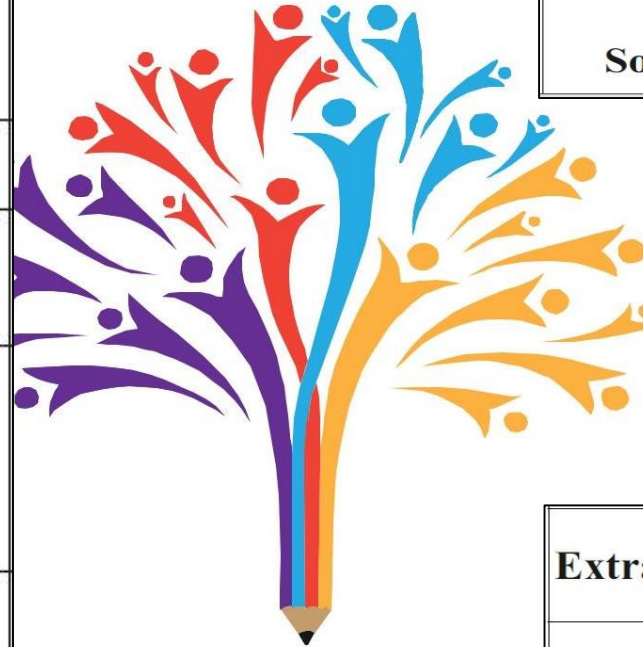


# Major Student Welfare Activities



# Student Welfare Committees

Name of Cell / Committee	Coordinator
<b>Institution's Innovation Council (IIC)</b>	Dr. R. S. Kankate
<b>Student Development Cell</b>	Mr. A. B. Jadhav
<b>GPAT Guidance Cell</b>	Mr. P. B. Pawar
<b>International &amp; Higher Studies Cell</b>	Dr. S. S. Chhajed & Dr. D. S. Bhambere
<b>Training &amp; Placement Cell</b>	Dr. S. N. Surse
<b>PG Coordination</b>	Dr. M. P. Patil
<b>Institute Research Review Committee (IRRC)</b>	Dr. S. S. Sonawane, Dr. M. P. Patil & Dr. S. S. Chhajed



<b>Industrial Advisory Committee (IAC)</b>	Dr. N. A. Thombre
<b>Intellectual Property Rights (IPR) Cell</b>	Dr. U. D. Ladhha & Dr. S. P. Kakad
<b>Incubation Center</b>	Ms. S. N. Bhalerao
<b>Social Welfare Cell</b>	Dr. P. B. Udavant

<b>Extra curricular Activity</b>	Mr. R. R. Sable Mr. S. J. Khairnar
<b>Sports Coordinator</b>	Mr. R. U. Shelke & Mr. M. P. Sawant
<b>Scholarship &amp; CSR Cell</b>	Mr. R. V. Deshmukh



Earn and Learn Scheme



MET Scholarship



PG contingency



Book Bank Facility



Social Welfare Cell



NSS

# Skill and Ability Enhancement Courses

Soft skill enhancement courses

Moral Ethics Course

Meditation and Yoga

Certificate course in Pharmacovigilance

**ADVANCE DIPLOMA IN PHARMACOVIGILANCE AND CLINICAL RESEARCH**

In association with  
Institute is ISO 2015 Certified

**INSTITUTE OF PHARMACY**

**MET Bhujbal Knowledge City** **EIPIS Elite**  
Adgaon, Nashik-422003 Institute of Pharma Skills

**Courses Offered:** M. Pharm | B. Pharm | Ph. D (Pharmacy) | Diploma in Pharmacy | Pharm D

**Benefits:** Understand principle, function and basics of Pharmacovigilance | • Get knowledge to grab jobs in Pharmacovigilance departments of industry | • Useful for career advancement in field of Pharmacovigilance

Course Start Date: 9<sup>th</sup> July, 2023, Applicant  
Registration Started, Limited Seats (30) Enrollment Fees: 9500 /-

**Course Objective:**

- Certificate course is a skill development program planned to cover all features of Pharmacovigilance, Clinical Research and drug Safety management.
- It sensitizes the students and equips them with knowledge on Pharmacovigilance and Clinical Research practices worldwide and on the Indian Scenario in details.
- This course gives young executives an opportunity to remain ahead of competitors in a very nascent yet competitive environment.
- The prime objective is to provide a high and knowledge thereby enhancing the development prospects of the participants.
- Career orientation and interview Preparation

**Module 1**  
Introduction to Clinical Research & Advancement of ICH-GCP

**Module 2**  
Ethical and Regulatory Aspects of Clinical Trials

**Module 3**  
Operational Aspects of Clinical Trials

**Module 4**  
Signal Management, ADR Reporting System & Dictionaries

**Module 5**  
Pharmacovigilance at Glance

**Module 6**  
Clinical Data Management and Medical Coding

**Complementary Session**  
Interview and Attitude Test Preparation

**Course Structures:**

- Total tenure of course will be of 4 months
- Certificates will be provided after successful completion of course

Examination Pattern: MCQs:  
• MCQs • Problems Solving • Formative Assignment • Written test • Viva Voice • Case Studies • E-learning portal to access study material

On Successful Completion of Course, Marksheet and Certificate will be issued to every Participant

Dr. S. J Kshirsagar, Principal, IOP | Mrs. Archana Gawade (Director Elite Institute of Pharma Skills)  
Co-Ordinator: Dr. N. L. Dashputre Mob:+919975734593

**MET Bhujbal Knowledge City** **INSTITUTE OF PHARMACY**  
Adgaon, Nashik - 422003 | Tel. (0253) 2303515 | Mob. +91 9881100099  
E-mail: info@metbkc.edu | www.metbkc.edu.in  
DTE CODE - 5207



2022

03 Groups Shortlisted for University level



**SAVITRIBAI PHULE PUNE UNIVERSITY**  
Internal Quality Assurance Cell (IQAC)  
**AAVISHKAR - 2022**  
UNIVERSITY LEVEL RESEARCH PROJECT COMPETITION  
**Certificate of Participation**

This is to certify that Mr./Miss. AHIRE EKNATH DAMU  
of M.E.T.S Institute of Pharmacy, Nashik College/Institute has participated in  
University Level Research for UG / PG / Post PG (M.Phil. / Ph.D.) at "AAVISHKAR - 2022" Research  
Festival, Under Medicine and Pharmacy category, held at Savitribai Phule  
Pune University on 13<sup>th</sup> December 2022

  
Prof. Dr. Ravindra Jaybhaye  
University Coordinator

  
Prof. Sanjay Dhole  
Director, IQAC

2023

02 Groups Shortlisted for University level

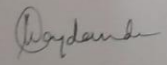


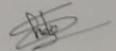
01 project shortlisted for State level



**SAVITRIBAI PHULE PUNE UNIVERSITY**  
Internal Quality Assurance Cell (IQAC)  
**AAVISHKAR - 2023-24**  
UNIVERSITY LEVEL RESEARCH PROJECT COMPETITION  
**Certificate of Participation**

This is to certify that Mr./Miss. Atharva Bhalerao of Met'S Institute Of Pharmacy, College/Institute has  
participated in University Level Research for UG / PG / Post PG (M.Phil. / Ph.D.) at "AAVISHKAR -  
2023-24" Research Competition, Under Medicine & Pharmacy category, held at Savitribai Phule Pune  
University on 20/12/2023

  
Principal Dr. Devidas Waydande  
Chairman,  
Avishkar Research Committee

  
Prof. Sanjay Dhole  
Director, IQAC

# Recognition for Student Development Activities



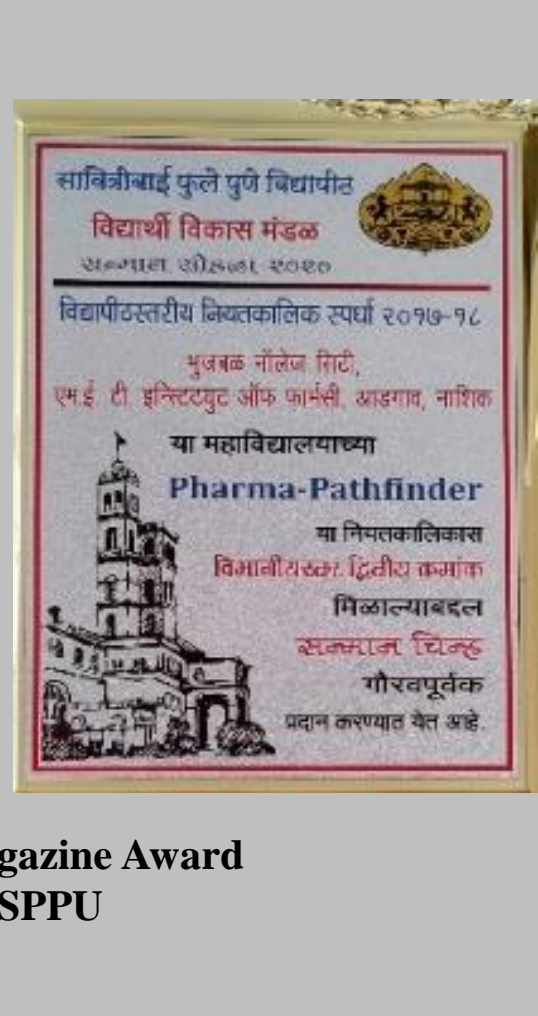
**Best College Award  
Student development Board  
SPPU**



**Appreciation to NSS unit  
SPPU**



**Best Magazine Award  
SPPU**



# Result Analysis

<b>Academic Year</b>	<b>B. Pharm (%)</b>	<b>M. Pharm (%)</b>
2020-21	100	100
2021-22	94.78	100
2022-23	98.21	100





# Institute of Pharmacy Bhujbal Knowledge City, Adgaon, Nasik.



Congratulations!

**M. Pharmacy University  
(SPPU) Toppers**

Congratulations!

**April 2021**

**Department of Pharmaceutical Chemistry**

***Ms. Jagtap Savita B.***

**April 2022**

**Department of Pharmacology**

***Ms. Darekar Prajakta P.***

**Department of Pharmaceutical Chemistry**

***Ms. Ushir Komal S.***

THE MET LEAGUE OF COLLEGES

# **MET Bhujbal Knowledge City**

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Adgaon, Nashik - 422003 | Tel.: (0253) 2303515, 2303348 | Fax: (0253) 2303203

enquiries@bkc.met.edu | www.metbkc.edu.in | 988 110 0099





# Major Staff Welfare Activities

**Financial Assistance to Attend Seminar and Conferences**

**Interest Free loan upto Rs. 20,000/-**

**Tea coupons**

**Mediclain for staff**

**Life insurance for staff**

**Financial Assistance for IPR activities**

**Incentives for sanctioned research project and consultancy**

Science

**RESEARCH**

periments

Innovation

Analyst



Research & Development



# Research Publications

Total Number of Publications = 410

Total Number of Publications in Last 3 Years: 130

Cumulative Impact Factor: 170

Institute h index: 31

Best Paper Award by Indian Drugs

Recognition from United Nations for research,  
Elsevier



**ELSEVIER**  
Scopus

**Clarivate**  
Analytics  
WEB OF SCIENCE™

**2023**

31 (40.50)

**2022**

40 (69.36)

**2021**

24 (20.42)



 **Springer**

 **Taylor & Francis**  
Taylor & Francis Group

 **MDPI**

**BENTHAM**  
**SCIENCE**



UGC APPROVED JOURNAL

# Highest Impact Factor Publications



Contents lists available at [ScienceDirect](#)

Journal of Drug Delivery Science and Technology

journal homepage: [www.elsevier.com/locate/jddst](http://www.elsevier.com/locate/jddst)




Research paper

Formulation of nanoparticles loaded in situ gel for treatment of dry eye disease: In vitro, ex vivo and in vivo evidences

Umesh D. Laddha<sup>\*</sup>, Sanjay J. Kshirsagar

MET's Institute of Pharmacy, Bhujbal Knowledge City, Affiliated to Savitribai Phule Pune University, Nashik, 422003, MS, India



Journal of Drug Delivery Science and Technology  
Volume 90, December 2023, 105129



An insight to development and in-vitro, in-vivo study of naringenin particles against letrozole induced toxic ovarian syndrome in female rats

Umesh D. Laddha<sup>b</sup>, Surabhi B. Patil<sup>a</sup>, Sanjay J. Kshirsagar<sup>b</sup>

**Impact Factor: 5**

International Journal of Pharmaceutics  
Volume 645, 15 October 2023, 123401

Physicochemical characterization, functionality, and stability of corn fiber gum-starch isolate from corn milling industry waste



Carbohydrate Polymer Techn  
Applications  
Volume 5, June 2023, 100320

Extraction of rutin from tag (Marigold) and preparation nano-suspension for effect antitussive/expectorant the

Kailas K. Moravkar<sup>a,d</sup>, Umesh D. Laddha<sup>b</sup>, Mahesh Nikhil Girase<sup>a</sup>, Bhushan A. Bhairav<sup>a</sup>, Jayeeta Bhaumik<sup>c</sup>, Shailesh S. Chalikwar<sup>a</sup>

**Impact Factor:**



Contents lists available at [ScienceDirect](#)

Heliyon

journal homepage: [www.cell.com/heliyon](http://www.cell.com/heliyon)



Research article

Formulation of PPAR-gamma agonist as surface modified PLGA nanoparticles for non-invasive treatment of diabetic retinopathy: *in vitro* and *in vivo* evidences

Umesh D. Laddha<sup>\*</sup>, Sanjay J. Kshirsagar

MET's Institute of Pharmacy, Bhujbal Knowledge City, Affiliated to Savitribai Phule Pune University, Nashik, 422003, MS, India



**Impact Factor: 10.0**

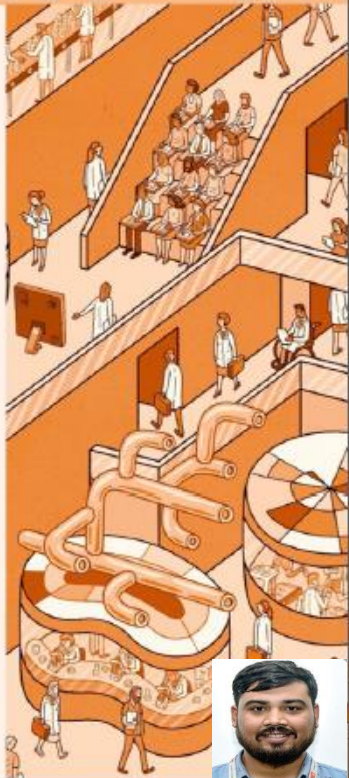


## Congratulations

# Shubham Jagdish Khairnar

For publishing 3 open access articles with Elsevier between 2020-2022!

3 of your articles were linked to the United Nations Sustainable Development Goals, helping to tackle some of the world's greatest challenges.



## Congratulations

# Dr. Smita P. Kakad Dr. Sanjay J. Kshirsagar

For publishing an open access article with Elsevier between 2019-2021!

Your article was linked to the United Nations Sustainable Development Goals, helping to tackle some of the world's greatest challenges.



Research article  
Nose to brain delivery of Efavirenz nanosuspension for effective neuro AIDS therapy: *in-vitro*, *in-vivo* and pharmacokinetic assessment

Smita Kakad<sup>1</sup>, Sanjay Kshirsagar

<sup>1</sup>Department of Pharmaceutics, MIT's Institute of Pharmacy, Nashik, Affiliated to Savitribai Phule Pune University, Pune, 422003, India



By IDMA

# Books/book chapters/ Patents published by staff



**Number of Books published: 42**



**Number of Book chapters published : 42**



**Number of Patents Granted: 08**



**Number of Patents published : 27**



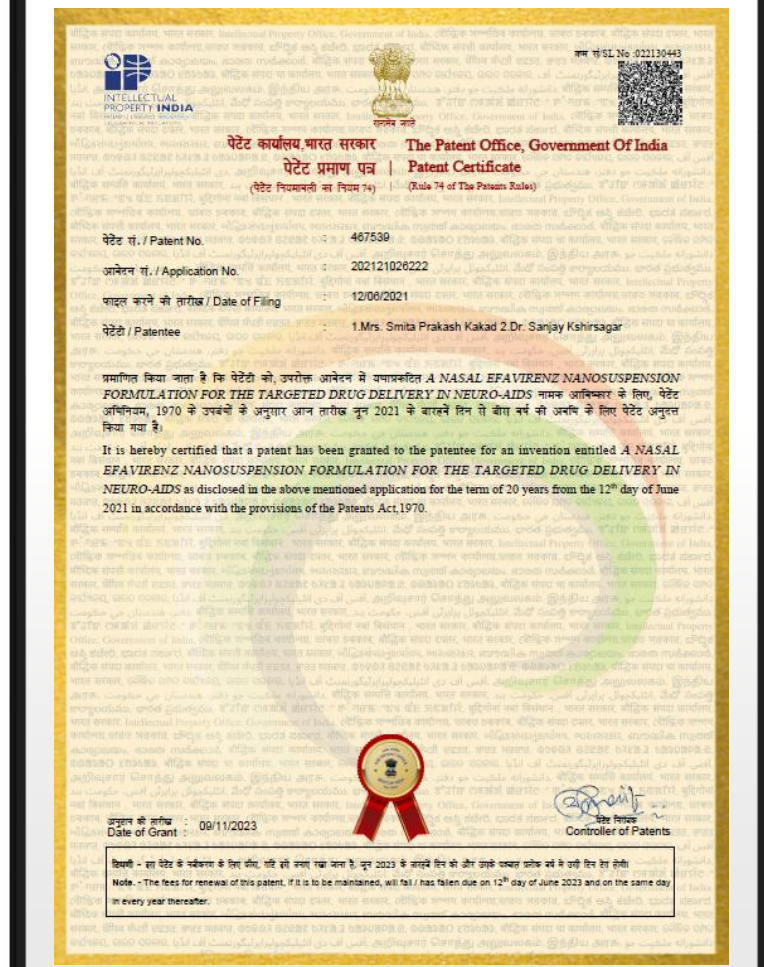
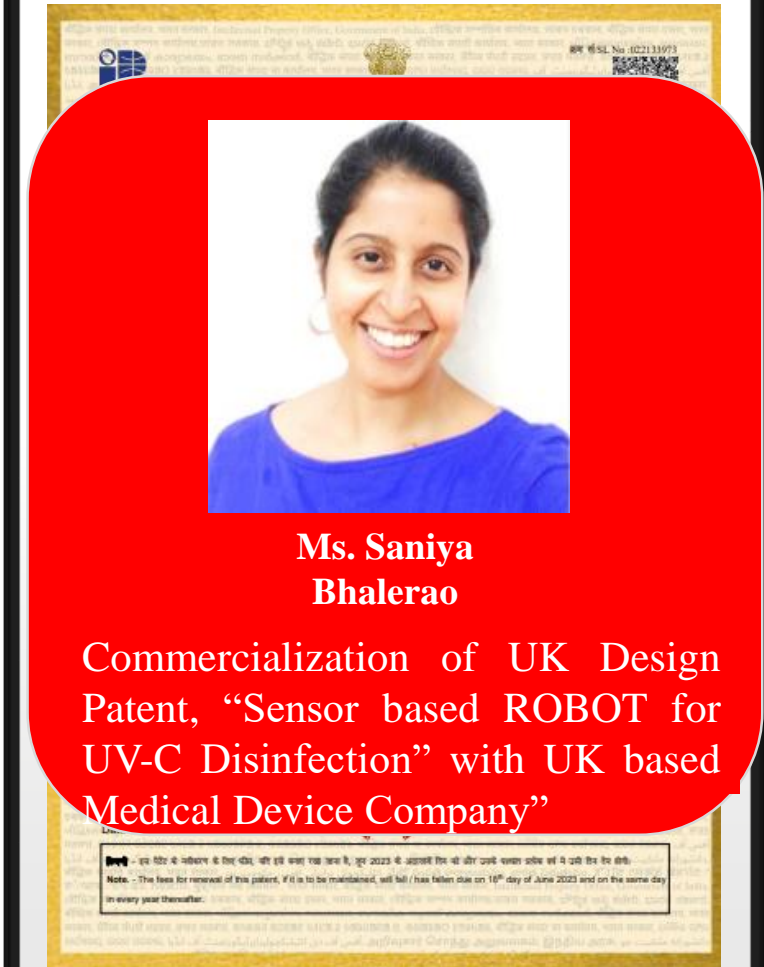
**Number of copyrights : 01**



# Patents Granted

S.N.	Patent Title	Patent No.	Inventors	Year
1.	Fabrication of surface modified nanoparticles of PPAR-gamma agonist for noninvasive management of Diabetic Retinopathy.	458439 (Ind.)	Sanjay Kshirsagar, Laddha Umesh	2023
2.	A nasal efavirenz nano-suspension for the targeted drug delivery in Neuro-Aids	467539 (Ind.)	Kakad Smita, Sanjay Kshirsagar	2023
3.	Enhancement of transcorneal permeation and sustained release of timolol maleate from developed and optimized in situ gel with better safety profile	472620 (Ind.)	Laddha Umesh	2023
4.	Formulation of nanoparticles laden in situ gel (NPLISG) for treatment of Dry Eye Disease	48669	Sanjay Kshirsagar, Laddha Umesh	2023
5.	A method of preparation of Embelia Tsjeriam Cottam for preliminary and phytochemical studies	2021106614 (Aust.)	Laddha Umesh	2021
6.	Natural oil based nail polish remover composition and process of preparation thereof	369716 (Ind.)	Abhijeet Belekar, Kanchan Chaudhari, Supriya Bhamare, Nilima Thombre, Sanjay Kshirsagar	2021
7.	Herbal Nutritional filled chocolate & Composition Thereof	397008 (Ind.)	Rais Pathan, Shubham Pawar, Malvi Patel, Nikita Nathe, Seema Nikam, Smita Rupvate, Sanjay Kshirsagar	2021
8.	Formulation and evaluation of Poloxamer-407 and HPMC K15M based thermosensitive sol gel transition system of Dorzolamide Hydrochloride	355808 (Ind.)	Umesh Laddha	2020





## Research Grant Received by Faculties



S.N.	Name of faculty	Name of Agency	Amount received	Year
1.	Dr. N.A. Thombre	AICTE – MODROBS	19,00,000/- (INR)	2020-21
2.	Dr. S. S. Chhajed	Biotechnology Industry Research Assistance Council ( BIRAC) India	1,00,000/- (INR)	2023-24
3.	Dr. U. D. Laddha	The Korean Ginseng Society, South Korea	50,00,000/- (KRW)	2023-24

# Major Institutional Cells



## Constitution

Sr.	Designation	Name of the Person
1.	Chairperson	Dr. Sanjay Kshirsagar
2.	One member from the Management	Dr. Jitendra Wagh
3.	A few senior administrative officers	Mr. Suhas Khairnar Mr. Deepak Pardeshi
4.	Three to eight teachers	Dr. Pavan Udavant Dr. Moreshwar Patil Dr. Sandeep Sonawane Dr. Dinesh Rishipathak Dr. Nilima Thombre Dr. Gitanjali Deokar
5.	Nominees from Students	Ms. Sayali Shirsathe Ms. Shruti Morankar
6.	Nominee from Alumni	Mr. Umesh Laddha
7.	Nominees from Employers /Industrialists	Mr. Sachin Kushare Mr. Rohan Pawar
8.	Nominee from Parents	Mr. Parag Supe
9.	Coordinator	Dr Santosh Chhajed

# Major activities of IQAC



- Planning of various co-curricular and extra-curricular activities for students sensitization
- Organization of Seminar, workshops and guest lectures for students and staff
- Conduction and Organization of UG research Conference
- Organization of soft skill sessions
- Industrial visits
- Conduction of Certificate courses
- Encourage staff for attending FDP, workshop, seminar, etc.

# Institute innovation Council (IIC)



## Constitution

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Position</b>
1	Dr. S. J. Kshirsagar	President
2.	Dr. R. S. Kankate	Convener
3.	Dr. M. P. Patil	ARIIA Coordinator
4.	Dr. D. D. Rishipathak	NIRF Coordinator
5.	Dr. N. A. Thombre	Internship Coordinator
6.	Ms. Saniya Bhalerao	Innovation Activity
7.	Mr. P. B. Pawar	Social Media Coordinator
8.	Mr. Mayur Sawant	Start-up activity Coordinator
9.	Mr. R. U. Shelke	IPR Activity Coordinator

# METIOP -IIC Performance Rating Certificate from 'MHRD's Innovation Cell (MIC)



Certificate No : 2036

Issued On : 2022-01-03

**2020-2021**



Certificate No : 2036

Issued On : 2022-11-17

**2021 – 22**



Certificate No : 2036

Issued On : 2023-11-16

**2022 – 23**

# MET-IOP Incubation center established under Savitribai Phule Pune University (SPPU), Centre for Innovation, Incubation & Linkages



**Savitribai Phule Pune University**  
(Formerly University of Pune)  
**CENTRE FOR INNOVATION INCUBATION & LINKAGE**



## Certificate

*This is to certify that*  
*MET's Institute of Pharmacy Adgaon, Nashik*  
*has established Innovation & Start-up Cell as per the norms of*  
*Centre for Innovation, Incubation & Linkages at*  
*Savitribai Phule Pune University, Pune.*

Dr. Apoorva Palkar  
Director,  
Innovation, Incubation and Linkages

Dr. N. S. Umarani  
Pro-Vice-Chancellor  
Savitribai Phule Pune University

Dr. Nitin Karmalkar  
Vice - Chancellor  
Savitribai Phule Pune University



**YUKTI**



**Regional Meet**  
Institutions' Innovation Council  
MoE's Innovation Cell

## Certificate of Participation

**Vaishnavi Avdhut Pathak**

**Mumbai Education Trusts College of Pharmacy, Bhujbal Knowledge City, Adgaon ,  
Nashik 422003, Maharashtra**

has participated in the regional meet held on 16th Dec. 2023 at  
Dr. D. Y. Patil Vidyapeeth, Pune, Pune.

**Dr. N. J. Pawar**  
Vice Chancellor  
Dr. D.Y. Patil Vidyapeeth, Pune

**Mr. Dipan Sahu**  
Assistant Innovation Director  
MoE's Innovation Cell

1000 (Projects)

500 (Projects)

80 (Product  
Presentation)

20 (Pitching)



**MET's IOP Students qualified 'Idea Pitching Competition' and reached IIT Bombay (final round).**

# Research and Development Cell

Date of Establishment: 14/10/2023

## Mission:

- To create a conducive environment for enhanced research productivity.
- To encourage collaboration across industry, government, community-based organizations, and agencies at the local, national, and international levels.
- To facilitate greater access to research through mobilization of resources and funding.

## Constitution

<b>Research Advisory Council</b>	Dr. S. J. Kshirsagar	Chairman
	Dr. S. S. Chhajed	IQAC Coordinator
	Dr. R. A. Pawar	External member
<b>R &amp; D Cell</b>	Dr. M. P. Patil	Director
<b>Finance &amp; Infrastructure</b>	Dr. S. S. Chhajed	Co-ordinator
	Dr. G. S. Deokar	Member
<b>Research program &amp; Policy development</b>	Dr. S. S. Sonawane	Co-ordinator
	Dr. D. D. Rishipathak	Member
<b>Collaboration &amp; community</b>	Dr. N. A. Thombre	Co-ordinator
	Dr. S. N. Surse	Member
<b>Product development, monitoring &amp; commercialization</b>	Dr. G. S. Deokar	Co-ordinator
	Dr. P. B. Udavant	Member
	Dr. R. S. Kankate	Member
	Dr. S. N. Surse	Member
<b>IPR, Legal &amp; Ethical matters</b>	Dr. U. D. Laddha	Co-ordinator

# Industry Tie-ups



# Industrial Advisory Committee (IAC)

**Year of Constitution: 2015-16 (No. of Meetings Conducted: 09)**

## **Objectives:**

- To bridge the gap between institute and industry.
- To develop technologically sound graduate as per the need of industry.
- To invite and implement suggestions of industry in curriculum of students.
- To strengthen research activities in institute.

**Waters™**



# Regulatory Affairs Committee (RAC)

**Year of Constitution: 2022-23**

## **Objectives:**

- To develop the protocol for the smooth conduction of M. Pharm regulatory affairs course.
- To provide quality education to students of RA
- To understand the current regulatory requirements of Pharma industries.
- To provide regulatory assistance regarding current scenario in Pharma market.
- To bridge the gap between Industries and Academic.



# Clinical Advisory Committee (CAC)

**Year of Constitution: 2021-22**

## **Objectives:**

- To Scaffold the gap between the Healthcare industry and Academics.
- To develop technically sound graduates as per the need of Industry.
- To generate platform for suggestion from expert in curriculum of students.
- To reinforce research activities in institute.
- To encourage the students for the participation in clinical studies.



# MoU between Institute and other organizations: 16



**DeltaFinochem**  
Chemistry Redefined...

**PRISM**  
adding life to living...

**DELTA**  
**PHARMA**



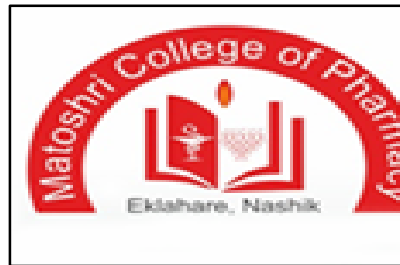
**RAP**  
ANALYTICAL RESEARCH  
AND TRAINING CENTER

**InClinition**<sup>TM</sup>  
Inherit The Excellence

**Nutralytica Research**  
ANALYZING DATA, DELIVERING SOLUTIONS



**WEGO**  
LIBRARY  
READ-RESEARCH-ENHANCE WISDOM



# Hospital Interaction





# Industrial Projects & Consultancy



## Projects Undertaken - 08



Chaitanya Pharmaceutical  
Pvt. Ltd., Nashik (18,600/-)

QCS LABS LLP Mumbai  
(1,35,000/-)

Deltas Pharma Pvt. Ltd.  
(26,000/-)

Aarch Ayurveda, Kolhapur  
(30,000/-)

Parmax Pharma Limited  
Rajkot (10,000/-)

Amity University (M Tech  
students) (24,000/-)

Hovid Berhard, Malaysia  
(7,00,000/-)

Messrs Herbicine, Mumbai  
(30,000/-)



# Technical Sessions by Industrial Experts



Year	No. of sessions
2020-21	08
2021-22	12
2022-23	18

# Industrial Visits/Training



**MAXHEAL**  
*For Maximum Healing*



# Preparation of College regarding Internship and on Job training



# Training (Grooming sessions)

**The Importance of English . Being a Responsible Netizen**

**Email Etiquettes & Job Opportunities**

**Interview Preparation**

**Mock Interviews**

**Soft Skill Development**

**Training on resume writing**

**Technical Session (Company Profile, regulatory affairs overview and QA techniques)**

**Employability and soft skills for girl students**



# Naandi Foundation (Mahindra Pride Classroom)



Social Manners

## Woman empowerment

Soft skills  
Life Skills  
Digital Skills  
Employability

**Digital Equalizer**  
First Year M. Pharm  
Pharm D

**Soft Skill Development**  
M. Pharm  
Second, Third and  
Final Year B. Pharm

**Employability and Soft  
Skills**  
M. Pharm  
Final Year B. Pharm

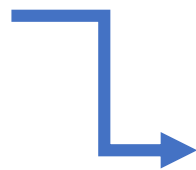


Group Discussion

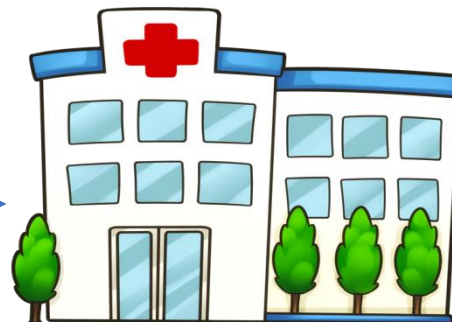
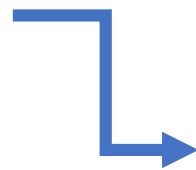
# Field Work Training Programme



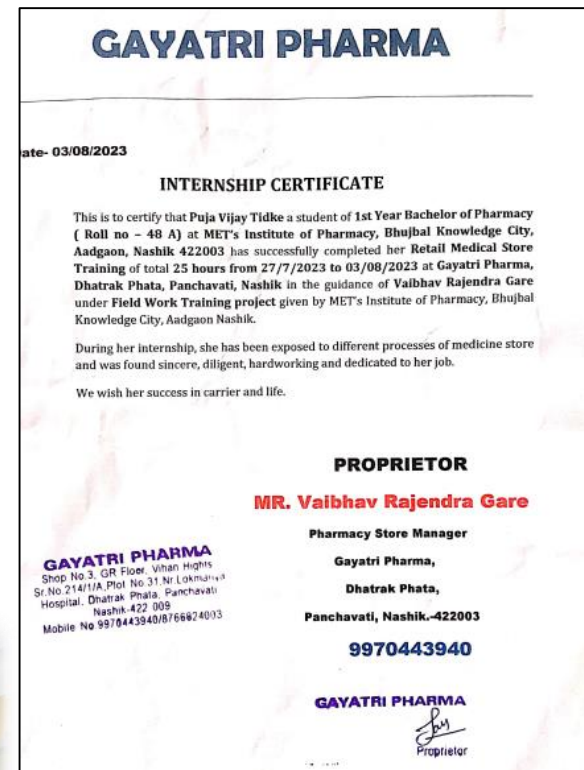
Retail Pharmacy  
B. Pharm SEM I



Wholesale Pharmacy  
B. Pharm SEM III



Hospital and Industry  
B. Pharm SEM V



**Total student  
participated=  
450**

# Hospital Visits (Pharm D course)



Class	Month	No. of Visit	No. of Students
S. Y. Pharm D	Dec 2022	4	33
	Jan 2023	4	33
	Feb 2023	3	33
	March 2023	3	33
	April 2023	4	33
<b>Total No. of Visit – 18</b>			
T. Y. Pharm D	Dec 2022	4	32
	Jan 2023	4	32
	Feb 2023	3	32
	March 2023	3	32
	April 2023	4	32
<b>Total No. of Visit – 18</b>			





# Internships

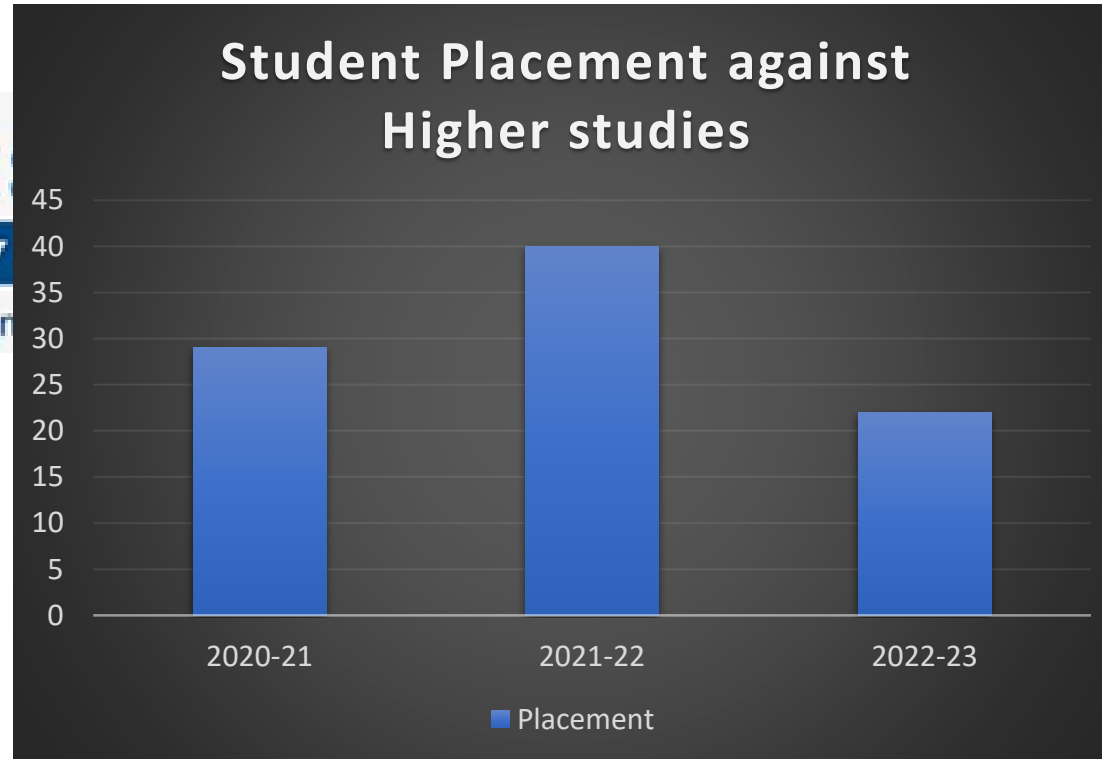


Year	No. of Students
2020-21	72
2021-22	58
2022-23	126

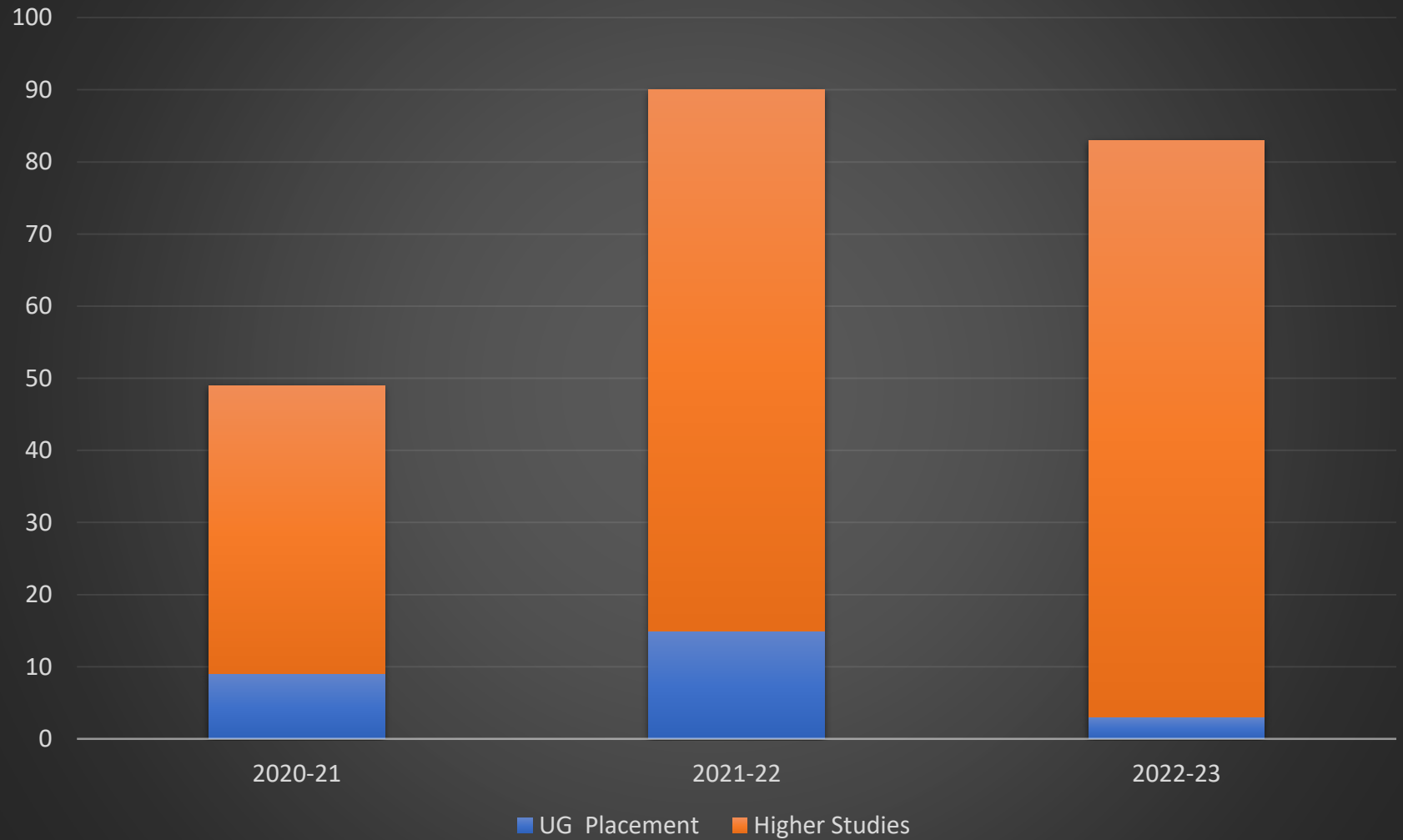
# Recruitment




GENOM



## Student Placement against Higher studies



A man in a dark suit and glasses is seen from the back, gesturing with his right hand towards a large, blurred audience seated in a conference hall. He is standing behind a podium with two laptops. The background is filled with people, and the scene is lit with soft, ambient light.

# Seminar and Conferences Organized by Institute

**Academic Year 2022-23****Name of Program****Level****Date**

National Level Seminar on Commercial Product Development in Academic Institute

National

10/04/2023

5th MET PharmaQ-2023 State Level Undergraduate Pharma Quiz Competition

State

26/09/2023

METRxPLORE 2023

State

03/03/2023

**Academic Year 2021-22**

National level Faculty Development Program on 'New Edge Educational Standards for Teachers'

National

14/02/2022-  
18/02/2022

4th MET PharmaQ-2022 State Level Undergraduate Pharma Quiz Competition

State

29/09/2022

METRxPLORE 2022

National

7/05/2022

IDEATHON 2022

National

07/10/ 2022

**Academic Year 2020-21**

One day national level seminar on: Unconventional career path for Pharmacy UG and PG students

National

26/06/2021

A National Level Seminar on Patenting Innovations of Academicians

National

22/05/2021

One day National level seminar on 'Recent Trends in Drug Engineering'

National

06/08/2021

Research avenues in Pharmacognosy and Phytochemistry

National

03-07/06/2021

6<sup>th</sup> METRxPLORE 2020 (Ideathon)

National

25/03/2021

**Best practices**





**NATIONAL LEVEL UNDERGRADUATE RESEARCH CONFERENCE**  
**8<sup>th</sup> MET RXPLORE 2023**

**NATIONAL LEVEL POSTGRADUATE RESEARCH CONFERENCE**  
**1<sup>st</sup> MET RXPLORE 2023**

THINK EXECUTE FIND LEARN



**NATIONAL LEVEL UNDERGRADUATE RESEARCH CONFERENCE**  
**6<sup>th</sup> MET RXPLORE IDEATHON 2021**

THINK EXECUTE FIND LEARN

Due to COVID-19 Pandemic this year we are organizing 6<sup>th</sup> MET Rxplore UG Research Conference: IDEATHON 2021 on e-platform.

**MET's Institute of Pharmacy :**  
 B.Pharm., M.Pharm. (Pharmaceutics, Quality Assurance, Pharmaceutical Chemistry, Pharmacology), Pharm.D., Ph.D. in Pharmacy.

**The Student Research Competition has the following goals:**

- To give undergraduate and graduate students the opportunity to share their ideas in a special forum that provides visibility for their work.
- To give students the opportunity to interact with distinguished judges from industry and academia to share ideas, gain new insights, and understand possible practical applications.
- To give students an opportunity to sharpen their communication skills.
- To recognize and reward outstanding student Innovative Idea.

**Submissions will be evaluated based on:**

- Quality of idea.
- Novelty of approach
- Significance of the contribution in commercial application
- Clarity of written presentation

**ELIGIBILITY, RULES AND REGULATIONS:**

- Maximum 3 B.Pharm students are allowed in one group.
- Registration is compulsory for all participants.
- The decisions of judges will be final.
- No Registration fees for guide/supervisor

**IMPORTANT DATES:**  
 Last date for submission: **18<sup>th</sup> Jan. 2021**  
 Conference date and Notification of Acceptance: **22<sup>nd</sup> Jan. 2021**  
 Presentation date: **23<sup>rd</sup> Jan. 2021**

**CONFERENCE DETAILS**

Session time : **22/01/2021, 11.00 am onwards**

**Topic : How To Become a Successful Entrepreneur**

**SPEAKER : Mr. SAGAR AGRAWAL**  
 Founder & Chairman, Trade Magic Educare Pvt. Ltd.

Award	Group	Supervisor/Guide	College
Winner	7000 Rs. Cash prize and Certificate	3000 Rs. Cash prize and Certificate	Certificate
1st runner up	5000 Rs. Cash prize and Certificate	2000 Rs. Cash prize and Certificate	Certificate
2nd runner up	3000 Rs. Cash prize and Certificate	1000 Rs. Cash prize and Certificate	Certificate

**Registration Charges :** Rs. 100 Per student.  
**Bank Details :** A/C No.: 20412320000284,  
**Name of Beneficiary :** MET's Institute of Pharmacy Degree  
**Name of Bank :** HDFC Bank Ltd., Panchvati, Nashik  
**IFSC: Code :** HDFC0002041  
 Note: Selected participants will get chance to start up accelerator.  
 Google form link: <https://forms.gle/pNDJWYxvQDHT6yi8>

**Convener**  
 Dr. Sanjay J. Kshirsagar  
 Principal,  
 Institute of Pharmacy MET-BKC

**Co-ordinators**  
 Dr. D. S. Bhambere  
 +91 9766222761  
 deepak\_d\_s@iikc.met.edu

Mrs. N. L. Dashputre  
 +91 9975734593  
 neelam\_d\_s@iikc.met.edu

**MET Bhujbal Knowledge City** ISO 9001:2008 CERTIFIED

Adgaon, Nashik - 422003 | Tel.: (0253) 2303515, 2303348 | Fax: (0253) 2303203  
 enquiries@iikc.met.edu | www.metbhujbalknowledgecity.ac.in | All India Toll Free : 1800 22 0234 ☎ 988 110 0099



	Number of Participants	From Regions
METRxPLORE 2021	1200	Nashik, Pune, Mumbai, Nagpur, A. Nagar, Gujrat
METRxPLORE 2022	202	Nashik, Pune, Mumbai, Dhule, Nagpur
METRxPLORE 2023	310	Nashik, Pune, Mumbai, Dhule, A. Nagar, Nagpur, Parbhani

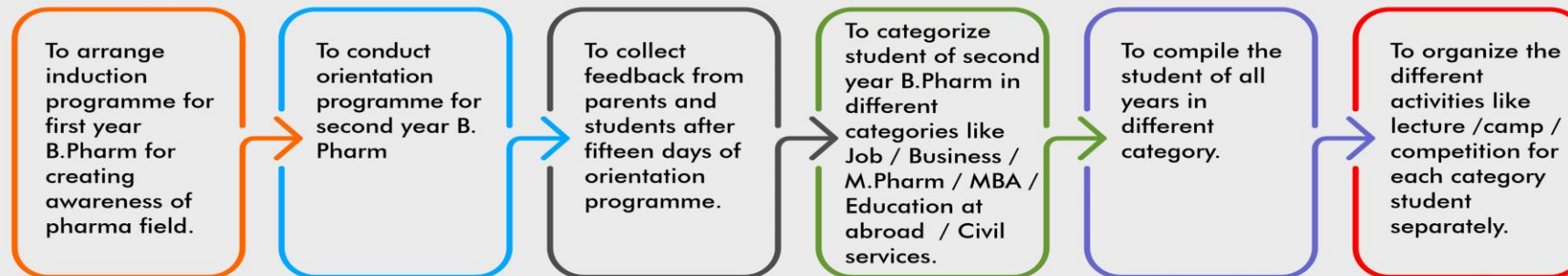


## A. CAREER PROSPECTS | STUDENT CATEGORIZATION

Categorization of students for their career determination.  
"Determination/focus is considered to be key to success.  
Keeping this thing in mind we have categorized students  
after making them aware about scope of pharmacy."

### Objectives of student categorization:

- To elaborate scope of pharmacy to student from eminent personality.
- To clear the focus or determination of career of student at early stage.
- To provide selective guidance session to the categorized student.
- To encourage student for start preparation at early stage with respect to career.



**Dr. R. S. Kankate**  
Teacher coordinator

**Dr. S. J. Kshirsagar**  
Principal

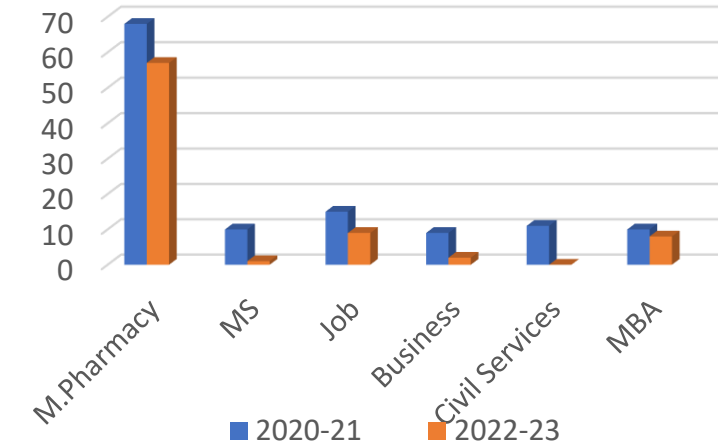
**INSTITUTE OF PHARMACY**

**Process For  
Student  
Categorization**



# Student Categorization Outcome

Category	2020-21	2022-23
M. Pharmacy	68	57
MS	10	01
Job	15	09
Business	09	02
Civil Services	11	0
MBA	10	08



MBA



**Mr. Rishikesh Malode**  
Indira Institute of management,  
pune

M.Pharmacy



**Mr. Roshan Jadhav**  
MET's Institute of  
Pharmacy, Nashik

Job



**Mr. Rishikesh Malokar**  
As junior central testing Analyst.  
Pfizer Chennai.

M.Pharmacy



**Ms. Yogita Ahire**  
MGV College of  
pharmacy, nashik

M.Pharmacy



**Ms. Rutuja Khode**  
Sanjivani college of  
pharmacy

Job



**Mr. Shiram Bhanudas**  
As Medical representative  
At Girraffe Pharmaceuticals  
Ahmednagar

# Topic tracking

## Parameters considered

- Points covered during teaching
- Any assignments, etc conducted on topic
- Any specific suggestions from students on topic
- GPAT discussion

Bhujbal Knowledge City, MET's Institute of Pharmacy

Topic Tracking Form (2022-23)

Name of the faculty Member: Unish Laddha

Class: Second Year B. Pharm Division: A Sem: III Subject: Physical Pharmaceutics

Name of the topic: PROTEIN binding and complexation

To be filled by Students: (Tick the appropriate box)

1. Whether the summary of the topic is received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
2. The points/subpoints are understood?	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> No
3. Whether the applications are discussed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
4. Whether the notes are provided?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
5. Whether the question banks are provided?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
6. Whether the assignment/class tests are conducted?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
7. Whether GPAT related topic / MCQ discussed	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
8. Repetition required?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

If Yes, which points: \_\_\_\_\_

Anvika  
Students' Representative Sign

Instructions for students:

1. The form is to be filled in duplicate within two days after the completion of the topic.
2. Students have to discuss among themselves while filling the form.

Wood

# Social Welfare Cell



# Distinctive Practices



# Industrial Audit



<b>Name of Industry</b>
FDC Pharmaceuticals Pvt. Ltd. Walunj, Aurangabad
Maxheal Pharmaceuticals Pvt. Ltd. Satpur, Nashik
Mylan Pharmaceuticals Pvt. Ltd. Walunj, Aurangabad
Morade Foods Pvt. Ltd. Manchar, Ambegaon, Pune
Callisons Flavours Pvt. Ltd., Pune
Indo Amines Limited Thane
Siddhayou Research Foundation PVt. Ltd. Nagpur
Vital Healthcare Pvt. Ltd. Satpur, Nashik
Godavari Biorefineries Ltd. Sakharvadi, Ahmednagar
Yugandhar Pharma, Dindori



Unit No. 111 & 112, 1<sup>st</sup> Floor,  
Anurag Business Centre, Near Amar Cinema,  
Off W.T. Patil Road, Chembur,  
Mumbai- 400071.  
Tel: 09029083829 / 08976083830  
Tel: 022 25211146 / 25208212  
Email: inspection@qcs.net.in

Date : 02-6-2022

## Certificate

This is to certify that Dr. Umesh D. Laddha, Asst. Professor of MET's Institute of Pharmacy, Nashik has successfully completed Pre-shipment Inspection and Container Stuffing and Sealing of consignment of pharmaceuticals of M/s Maxheal Pharmaceuticals (India) Ltd. for export to Nigeria on 27-5-2022.

For QCS LABS LLP

  
Nilesh Bade  
(Manager)

**Total  
inspections  
performed=  
54**

# Post doctoral Fellow



Dr. Umesh D. Laddha

**Post-doctoral  
Regeron,  
South Korea**



**At MET's  
Institute of  
Pharmacy**

WWW.REGERON.COM  
Phone : +82-33-258-6263  
Fax : +82-33-258-6264

  
103 B10-2, Chuncheon BioTown  
40 Soyanggang-Ro, Chuncheon  
Gangwon-Do 24232, South Korea

July 31, 2023

## Certificate of Statement

### To whom it may concern:

This is to certify that Dr. Umesh D. Laddha joined us on February 01, 2023, as a Post-doctoral Research Fellow on the project, "Formulation Development on Grey Hair Re-pigmentation", at Regeron, Inc., South Korea.

For the current being, Dr. Laddha is using lab facilities at MET's Institute of Pharmacy, Nashik, India.

Sincerely,

Dahlkyun Oh, Ph.D.  
CEO

**Regeron, Inc.**

# International Interaction



## The Korean Society of Ginseng

#803 Seocho World Officetel, 19, Seoun-ro, Seocho-gu, Seoul 06732, Korea  
Tel: +82-2-3473-8772, E-mail: ginsengsociety@hanmail.net

Document No.: GS 302-163

Date: September 22, 2023

Via:

Recipient: Prof. Umesh Dilip Laddha in MET' s Institute of Pharmacy

Carbon copy:

Subject: Notification of the selection of 2023 KSG-funded research project and request for submission of a revised research proposal

- Following -

Project title	Institution	Name	Adjusted Research Budget (KRW)
Development of novel topical ginseng formulation for non-invasive treatment of diabetic retinopathy	MET' s Institute of Pharmacy	Umesh Dilip Laddha	5,000,000

Man Hee Rhee,  
President of the Korean Society of Ginseng



• Dr. Umesh D. Laddha, received research grant from **the Korean Society of Ginseng, South Korea.**

• Dr. Pavan Udavant, Dr. Neelam Dashputre and Dr. Anjali Tajanpure working on the project 'Evaluation of safety and efficacy of formulation' for the **Hovid Berhard, Malaysia.**





Awards (last 3 years)

**Staff = 12**

**Students = 34**



Name of Teacher	Award/Prize	Recognition	Level
<b>A. Y . 2022-23</b>			
Dr. Umesh Ladhha		Receieved post doctorate fellowship from South Korea	International
<b>A. Y . 2021-22</b>			
Dr. Smita P. Kakad	First prize in oral paper presentation at “Emerging Challenges and Advances in Neuroscience	--	National
Dr. Smita P. Kakad	First prize in oral presentation for innovative idea challenge at “2nd Student research congress”	--	National
Dr. Dinesh D.Rishipathak	--	Excellence in Editorial Board -IJPCA	International
Dr. Sanjay J. Kshirsagar, Dr. Smita P. Kakad	--	Resarch article was linked to United Nations Sustaibale development Goals	International
<b>A. Y . 2020-21</b>			
Dr. Umesh D. Laddha	--	Appreciation for Innovative Research at International conference 'Development and modern trend in traditional formulation'	International
Dr. Rani Shantaram Kankate	Secured Second Position In E-Souvenir Article Write Up	--	National
Dr. Sanjay J. Kshirsagar & Dr. Umesh D. Laddha	Project shortlisted for Final round out of 9000 plus prototypes	--	National
Dr. Gitanjali S. Deokar.	--	Developed the business model placed as finalist. Qualified till Third stage. From among 9000 teams, our project got selected among first 127 teams for Third round	National
Dr. Nilima A. Thombre.	Project shortlisted for Final round out of 9000 plus prototypes	--	National
Mr. Abhish Jadhav	Best teacher award		State
Dr. Sanjay Kshirasagr , Dr. Smita P. Kakad	Best reasrech paper award		National

BIRAC proposal entitled "Sensing Disease with Ease Using Voice Analytics and Artificial Intelligence" of **Dr Santosh Chhajed** has been granted. Part of the project assigned for the MET's Institute of Pharmacy



Member of the **Anti-Microbial Resistance Task Force** for two year, collaborating with Quadripartite organizations including food and Agriculture Organization of United Nations (FAO), world health organization (WHO), and world organization for Animal Health (WOAH) through the AMR multi-stakeholder partners platform.



**Young Research Award  
2020  
Institute of Scholars,  
Bengaluru**



**Second Position In E-  
Souvenir Article Write  
Up  
IPES & Sandip  
University**



Dr. S. J. Kshirsagar



Mr. U. D. Ladhha



Dr. N. A. Thombre

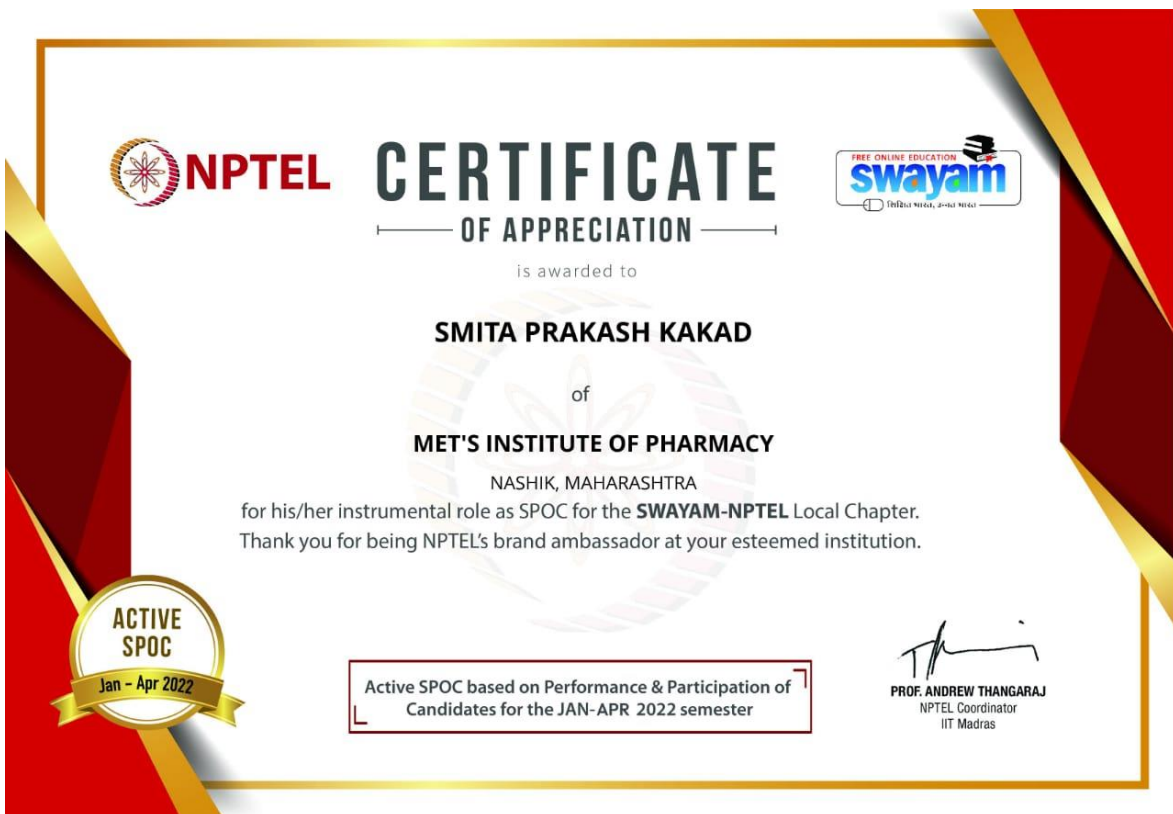


Dr. G. S. Deokar

**Project Shortlisted for final round out of 900 plus prototypes  
NCC National Innovation Council**

# Preparation of Online and Distance Learning





Particulars	2023-24 (Ongoing)	2022-23	2021-2022
Staff doing FDP (NPTEL, ATAL, any other)	57%	71.11%	90.90%
Total Number of Staff	45	45	33

**No. of students qualified the NPTEL= 239**

**Students completed National and International online courses=15**

(National Health Care Provider, Las Vegas, Postgraduate Institute of Medicine)

# Reforms in Evaluation and assessment process

## Key Objectives:

- ❖ Continuous and comprehensive evaluation (CCE)
- ❖ Vocational education will be integrated into higher education institutions
- ❖ Formative and Competency based examination
- ❖ Promote learning and development of students

Current Practice at the Institute	Proposed Reforms (2023-2026)
Application of Bloom's Taxonomy	Field Assignment
Use of Problem Based Learning	Group Discussions
Application of CO's while setting Question paper	Objective Type questions
UG Research Projects	Quizzes
Poster Presentation	Presentation and Peer Assessment
	Proposing solution to real world problem and its defense
	Module Solving

SET-1

MET's INSTITUTE OF PHARMACY,  
BHUBAL KNOWLEDGE CITY, ADGAON, NASHIK  
FIRST SESSIONAL EXAM 2023 - 24

Date: 26/10/2023      Time: 09:30 – 11:00 am      Marks: 30  
Subject (Pattern): PP-I (2019)      S. Y. B. Pharm. Div.: A      SEM- III

**Q. 1. Short answer questions (answer any five)**      2 marks × 05 = 10

Questions	Marks	KL	CO
1. Define quantitative and qualitative solubility. What is the impact of temperature on solubility?	(2)	1, 2	1
2. MET Pharmaceuticals discovered new drug. It showed solubility parameter value 9.0 H. Formulation scientist dissolved it in the solvent having solubility parameter 9.0 H. However, formulation failed to produce desired pharmacological action. In your opinion what is the possible reason(s) for failure of dosage form?	(2)	1-6	1
3. Interfacial tension is always lesser than surface tension. Justify.	(2)	1-3	3
4. MET SY Pvt. Ltd. Measured the surface tension of formulation in winter and it was recorded as the 63 dy/cm. However, when measured at Rajasthan in summer days, it was noted as the 40 dy/cm. Company considered that formulation is unstable. As a formulation scientist, do you agree with the conclusion of company? Justify.	(2)	1-6	3
5. Comment on the concept of 'detergency'	(2)	1-2	3
6. Define partition coefficient. Give its application in the pharmacy.	(2)	1, 2	1
7. Give the difference between physical and chemical adsorption.	(2)	1-3	3

**Q. 2. Long Answer (Any One Out of Two)**      10 marks × = 10

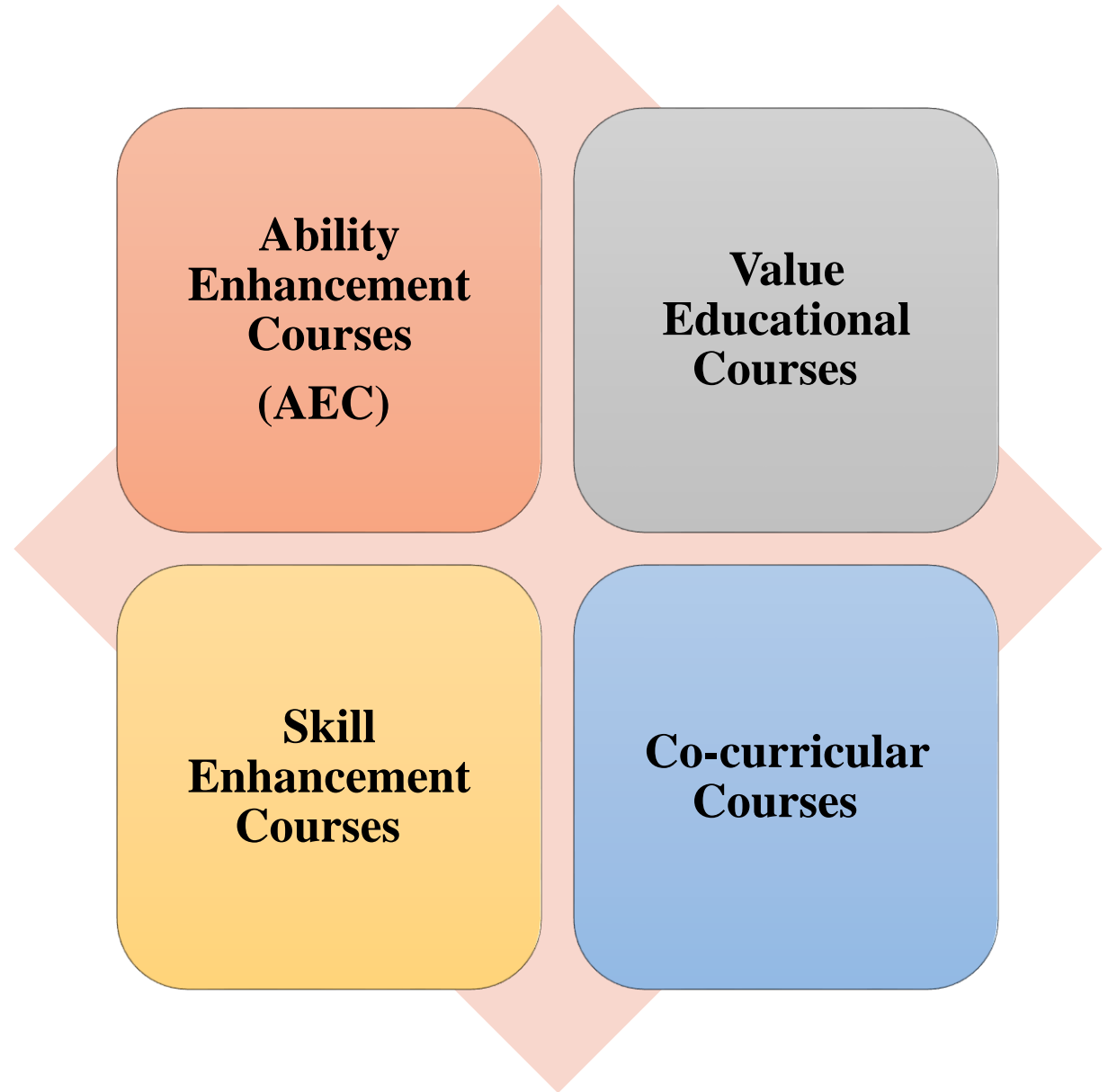
Questions	Marks	KL	CO
1. Describe various component of Phase rule. Explain two component system.	(10)	1, 2	1
2. Elaborate various methods for determination surface and interfacial tension.	(10)	1, 2	3

**Q. 3. Short Answer (Write Note on Any two out of Three)**      05 marks × 2 = 10

Questions	Marks	KL	CO
1. Solubility parameter	(05)	1, 2	1
2. Define ideal and real solutions. Comment of Raoult's law and its deviations.	(05)	1, 2	1
3. HLB	(05)	1, 2	3

Remember	Understand	Apply	Analyze	Evaluate	Create
K1	K2	K3	K4	K5	K6

# Preparation for NEP courses



## Ability Enhancement courses

Skills Acquired	Proposed Course	Currently undertaking
Skills bridging the gap between education and employability by equipping students with practical skills that are in high demand in industry	<ol style="list-style-type: none"> <li>1. Pharmaceutical Technology</li> <li>2. Pharmacovigilance</li> <li>3. Regulatory Affairs</li> <li>4. Pharmacy Informatics</li> <li>4. AI, data analytics and Excell</li> </ol>	<ol style="list-style-type: none"> <li>1. Advance diploma in pharmacovigilance and Clinical Research(Since 2020) for Final year B.pharm, Pharm D.and M.Pharm Students</li> </ol>

## Value added courses

Skills Acquired	Proposed Course	Currently undertaking
Holistic personality Development	<ol style="list-style-type: none"> <li>1. Pharmaceutical marketing and sales</li> <li>2. Pharmacy management and Entrepreneurship</li> </ol>	DISQ aspire boot camp: UG and Pharm D students

## Skill Enhancement Courses

Skills Acquired	Proposed Course	Currently undertaking
<p>Skill enhancement courses that can help further to develop expertise in pharmacy</p> <p>Vocational and technological skills</p>	<ol style="list-style-type: none"> <li>1. Clinical Pharmacy Skills</li> <li>2. Pharmacy Automation and Technology</li> <li>3. Pharmacy Law and Ethics</li> </ol>	<ol style="list-style-type: none"> <li>1. Course on Quality Assurance Aspects: Mr. Manoj Chitnis Vice President JB Chemicals (2022-23) (M. Pharm and Final Year B. Pharm Students)</li> </ol>

## Co-curricular courses

Skills Acquired	Proposed Course	Currently undertaking
<p>Skills nurturing physical, creative, environmental, and social dimensions. academic knowledge</p>	<ol style="list-style-type: none"> <li>1. Communication Skills</li> <li>2. Leadership and Team Work</li> <li>3. Time Management and Organization</li> <li>4. Financial Literacy</li> <li>5. Patient Advocacy</li> </ol>	<ol style="list-style-type: none"> <li>1. Naandi Foundation (Mahindra and Mahindra): Employability and Life Skill Development: Mrs Seema Bhagwat,</li> <li>2. Moral Thinking: Introduction to Values and Ethics: Prof Vineet Sahu IIT Kanpur</li> </ol>



# Green Initiatives



**Powering our way to a sustainable future !!**

Excited to share that **“MET Bhujbal Knowledge City, Adgaon, Nashik is turning 100% solar by Feb 2024”**

**Brighter days ahead!**

Following are some of the initiatives in the direction of green and clean campus

### Inside the Campus

- Energy Efficiency
- Water Conservation
- Waste Management
- Transportation

### Outside the Campus

- Ecology and Conservation
- Pollution control
- Community Engagement
- Green Spaces



- ☐ Use of renewable energy sources i.e., Solar panels
- Capacity 10kW - 25 Solar Panels
- Capacity 300 kW - 648 solar panels

MUMBAI EDUCATIONAL TRUST

MUMBAI EDUCATIONAL TRUST	WORK ORDER	Nashik- MET
MET'S/BKC/Civil Dept.-2023-24		

Date: - 25/09/2023

To,  
POLARIS RENEWABLE SOLUTIONS PVT. LTD.  
2, Archana Apartment,  
Near Prasad Mangal Karyalay,  
Gangapur Road,  
Nashik- 422 013.  
Kind Attend- Mr. Kunwar Gujral (Director) 7767831717  
Mail Id- kunwar.g@polarisenergy.in, info@polarisenergy.in

Subject:- Work Order for to Supply, Erection, Testing, commissioning of 350 KWP on Grid Connected Solar PV rooftop Systems Installed on Pharmacy & Polytechnic Building at MET'S Bhujbal Knowledge City Adgaon Campus Nashik.

Ref:- Danik Deshdoot Paper Notice Inviting proposal dated. 08/08/2023

With reference to above cited subject, your quotation proposal dated- 12/08/2023 submitted as per our enquiry notice inviting proposal published in the Danik Deshdoot dated. 08/08/2023. We are pleased to place work order along with terms & conditions as follows.  
Details are as below.

No	Description	Project Cost Amount (including all Taxes)
1)	Design, Engineering, Supply, Erection, Testing and Commissioning of 350 KWP Cumulative Capacity Mono Crystalline Solar PV Technology Grid Interactive Solar PV Power Plant with associated works of underground cable along with all required electrical Switchgears / LT Panel, to the point of interconnection at H.T. Substation. With Operation, maintenance & Insurance for 3 Years on EPC basis. (Location at Pharmacy & Polytechnic Buildings) i) Solar Panel Make- WAREE 540 WP ii) Number of Solar Panel- 648 Nos. iii) Inverter make- Growatt	1,27,75,000.00
(IND Rs. in words: - One Crore Twenty-Seven Lakh & Seventy-Five Thousand Only)		1,27,75,000.00

A) Scope of Work, Terms & Condition

1. Date of Commencement 25/09/2023
2. Date of work completion: - 3 months after place of work order & mutual agreement made by you.
3. Defect liability period: - 36 months after commissioning & trial of the project in all respect.
4. Ligated damage clause: - Ligated damage charges shall be 0.5% of value of the work order for delayed week. Subject to maximum of 10% of value of work order.
5. MS&DCL document preparation & Liaisoning work is in your scope of work. P.T.O.



KSEPL /

Date: 28/08/2018

**TO WHOM SOEVER CONCERN**

This is to certify that Kaushal Solar Equipments ( P ) Ltd has installed a grid tied Solar Photovoltaic system at your premises .

**Name of College** - MET's Institute of Pharmacy  
**Address** - Bhujbal Knowledge City, Adgaon, Nashik, - 422003.  
**System Capacity** - 10 Kw  
**Warranty period** - From 10/05/2018 to 09/05/2023.

**Manufacturer's Product warranty is for 5 years.**

**PV module :**

Make - Renewsys 315 wp x 32 nos .  
**Performance Warranty:** The panels are guaranteed for a minimum 90% output after 10 years and a minimum output of 80% after 25 years.  
 (All out-put above is under STC i.e. 5.5KWh/sq. m. /day, 25 deg. C, 1.5 AM)

**Inverter:**

Make - Delta 10 kw x 1 with 5 years warranty.

**Surge Protection Units:**

Locally procured high quality ACDB and DCDB boxes. 5 years warranty.

For Kaushal Solar Equipments P Ltd.

*(Signature)*  
**Authorized Signatory**



**PRINCIPAL**  
 MET's Institute of Pharmacy  
 Adgaon, Nashik-3.



Unmanned Road, Bhujbal Knowledge City, Adgaon, Nashik, Maharashtra - 422003, India

Clear  
 35.4 °C  
 95.7 °F

Type	Degree	DMS
Latitude	20.04073011	20°2'27" N
Longitude	73.85104778	73°51'4" E

# Waste Management

- Recycling Programs for paper, Plastic, Glass and other materials.
- Reduction of single use plastics on campus.
- Biomedical and hazardous chemical waste management.
- Encouraging electronic communication to reduce paper usage.



# Water Conservation

- Installation of Sewage Treatment Plant (200000 Lit/Day Capacity)
- Collection and Use of rainwater
- 9.51 Acre total area allotted for landscaping and gardening
- Implementation of irrigation system to optimize water usage.



## STATEMENT OF AREA UNDER PLANTATION AT MET'S BHUJBAL KNOWLEDGE CITY ADGAON NASHIK.

A)	Total Area of Land	Area in Sq.m.	Unit
	Survey no. 1071/1 & 1071/2	1,33,100.00	m2
B)	<b>Deduct</b>		
	a) Built up area ground coverage	10,858.00	m2
	b) Area of Internal Road	9,105.00	m2
	c) Amenity Space + MSEB (600)	5,780.00	m2
	d) Agricultural Area	29,500.00	m2
	e) Area under Playground	39,368.00	m2
	<b>Total Area</b>	<b>94,611.00</b>	<b>m2</b>
	<b>Total Area for plantation land scapping &amp; gardening land etc. (A - B)</b>	<b>38,489.00</b>	<b>m2</b>
	<b>i.e. Area in ( 38,489.00 / 4,000.00) = 9.62 Acre</b>		
	<b>Say 9.00 Acre approx.</b>		



नाशिक महानगरपालिका, नाशिक



एक कदम स्वच्छता की ओर

स्वच्छ सर्वेक्षण २०२१

उल्लेखनीय कामगिरी केल्याबद्दल प्रशस्तीपत्र २०२०-२०२१

प्रशस्तीपत्र



आस्थापनाचे नाव एमईटी इंजिनिअरिंग ऑफ फार्मसी आडगांव, नाशिक  
आस्थापनाचा प्रकार शाळा व महाविद्यालय आपण नाशिक महानगरपालिकेच्या  
वतीने स्वच्छ सर्वेक्षण २०२१ अंतर्गत घेण्यात स्वच्छ आस्थापना व स्पर्धेत प्रथम.....  
क्रमांक मिळविला आहे. त्याबद्दल आपणास हे प्रशस्तीपत्रक प्रदान करून गौरविण्यात येत  
आहे.

# Institutional Development Plan

## Five Years Perspective Plan 2020-2025

Sr. No.	Perspective Plan	Strategy	Priority
1	Autonomous status by Savitiribai Phule Pune University	Accreditation by NBA, NAAC and 2F and 12B approval by UGC	2
2	New courses addition: PG Regulatory affairs, B Tech Cosmetic science, D Pharm	NBA accreditation	3
3	NAAC/ NBA Accreditation	Application for accreditation and inspection	1
4	Industrial Collaborations: Participation of Industry in designing research projects of M. Pharm students, designing syllabus of M. Pharm students (Continuing evaluation), appointing them as member of College Governing Body.	MOU with Industry	5
5	Incubation Centre: For Entrepreneurship promotion and startup support	Recognition by MHRD, MSME Special financial provision from Trust	4
6	Research Grants from Government agencies like AICTE, UGC, DST(SERB, FIST, Kiran), Savitiribai Phule Pune University.	Accreditation, 2F and 12B (UGC) Staff approvals	6
7	International Collaborations	MoU with international industries	7
8	Set-up of Nanotechnology Research Laboratory	Purchase of Equipments, application to funding agencies for Grants	8
9	NABL Approved laboratory for testing	NABL inspection	9
10	Set up of Cell line Laboratory	Purchase of Equipments, application to funding agencies for Grants	10

Sr. No.	Perspective Plan	Strategy	Priority
11	Product development and commercialization Cosmetic, Ayurvedic, food and nutraceuticals products. Finding of manufacturer and transfer of technology	Special financial provision from Trust	3
12	Preclinical facility establishment: In the context of Ph. D. and PG students.	Instrumental requirement, total budget and recovery plan	4
13	Career Recourse Centre: Tips for resume preparation, arranging Mock Interview, Networking with alumni, Civil Service Guidance.	Training placement Department	2
14	MET drug and health Information Centre Up gradation	Collaboration with hospitals and Laboratories	11
15	PG and Ph. D. projects: Allocation of research topic in the context product development and its commercialization.	Needs to involve interdepartmental work	5
16	Research Lab continuous up gradation as per the industrial demand.	Set up of Nanotechnology lab and purchase of HME, etc	12
17	Clinical Advisory Committee: Objectives: 1. To establish Hospital interaction 2. To help in internship of Pharm D students 3. To get involved in clinical studies 4. To improve Pharmacological research work	Constitution: Principal, Teacher coordinator, Clinical Experts: From Hospital, R and D,	3
18	Certificate Courses: PV, IPR, Marketing, QA, Pharma Packaging (Imp for NBA/NAAC)	Design of Syllabus, Coordinator, Remuneration policy	4
19	Staff training Program	Establishment of QIP Centre	4



• B. Pharm

• M. Pharm

• Ph. D

• Pharm D

• D. Pharm

**Accredited by**

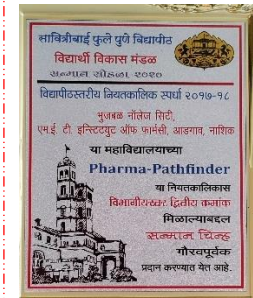
**Approved by**

**Affiliated to**

**Recognition**



**Major Achievements**



**Best College Award, Student Development Board, SPPU**

**Best Magazine Award 2017 & 2019**

**Research & Development**

Research Publications	410
Patents	08 granted
Copyright	01
Books	42
Books chapters	42
Students awarded with PhD	02

**Quality Improvement Programs**



Innovations in Pharmaceutical Technologies

THINK EXECUTE FIND LEARN (UG research Conference)



**CERTIFICATE COURSE  
HANDS ON TRAINING ON  
PHARMACEUTICAL EQUIPMENTS  
CERTIFICATE COURSE IN  
PHARMACOVIGILANCE**

**Extracurricular & Co-curricular Activities**

- Antarang
- Ideathon
- MET-Utsav
- MET-Katta
- Social Welfare Cell
- NPW
- NSS



**Recognition from United Nations for research**

**Best Paper Award by Indian Drugs**



**नाशिक महानगरपालिका, नाशिक**

**स्वच्छ सर्वेक्षण २०२१**

उल्लेखनीय कामगिरी केल्याबद्दल प्रशस्तीपत्र २०२०-२०२१

**प्रशस्तीपत्र**

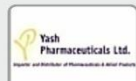
आस्थापनाचे नाव **एम.डी. ईंसेलियुटिव्हॉफ फार्मसी अँड क्लिनिक, नाशिक**  
 आस्थापनाचा प्रकार **शाळा व महाविद्यालय** आपण नाशिक महानगरपालिकेच्या वतीने स्वच्छ सर्वेक्षण २०२१ अंतर्गत घेण्यात स्वच्छ आस्थापना व स्पर्धेत **प्रथम** क्रमांक मिळविला आहे. त्याबद्दल आपणास हे प्रशस्तीपत्रक प्रदान करून गौरविण्यात येत आहे.

**मनोज पोडे पाटील**  
 मुख्य समन्वयक अधिकारी तथा उपमुख्य (म)  
 नाशिक महानगरपालिका, नाशिक

**केदार जाधव (भा.प्र.से.)**  
 अयुक्त  
 नाशिक महानगरपालिका, नाशिक

**1st Rank in Cleanliness Survey**

**KEY RECRUITERS**



Thank You...