

# Pharmaceutics

## Dr. Sanjay J. Kshirsagar

Principal (18 Years)

## Dr. Gitanjali S. Deokar

Quality Assurance In-Charge (16 Years)

## Mrs. Smita P. Kakad

Assist. Professor (8 Years)

## Faculty Information

### Dr. Nilima A. Thombre

HOD (17 Years)

### Dr. Sapana P. Ahirrao

Assist. Professor (12 Years)

### Mr. Umesh D. Laddha

Assist. Professor (5 Years)

(All experience up to June 2019)

### Dr. Moreshwar P. Patil

PG In-Charge (17 Years)

### Dr. Deepak S. Bhambere

Assist. Professor (10sYears)

### Mr. Jay B. Ugale

Assist. Professor (5 Years)

## Laboratory activities conducted

1. Formulation Development and Evaluation: Solid dosage forms, Semisolid dosage forms, Dispersed system, Liquid dosage forms, Parenterals, Ophthalmic formulations, etc.
2. Microbiology Studies: Sterilization, Sterility testing, Sub culturing, Bacteriological analysis
3. Physical Pharmacy: Partition coefficient, solubility of drug, HLB value, Viscosity, Surface tension, Chemical Kinetics etc.
4. Pharmaceutical Engineering: Study of Pharmaceutical Equipment and Heat transfer, Crystallization, Filtration, Evaporation etc.
5. Novel Pharmaceutical Formulation Development and Evaluation: Controlled Drug delivery system, Nano drug delivery systems, Targeted drug delivery systems

## Major facilities

- Dissolution test apparatus
- Tablet coating Machine
- Bulk Density Apparatus
- Colorimeter
- Hardness Tester
- Sterilization Unit
- Colony counter
- Spray Dryer
- Incubator
- Orbital shaker
- Aseptic Room
- Brookfield Viscometer
- Tablet Compression Machine
- Lab stirrers and Homogenizer
- Stability Chambers
- Friability Apparatus
- Disintegration Test Apparatus

## Awards and Recognition

### Dr. Sanjay J. Kshirsagar

1. Pharma Excipient poster award 2018-19, Pharma excipient International AG, Switzerland
2. Best Original Paper Award 2015-16 from Indian Journal of Rheumatology
3. Best Research Guide for national level Pharma Innova award 2012-13

### Dr. Nilima Thombre

1. Certificate of 'Appreciation for Teacher Innovation Award' from Sri Aurobindo Society's ZERO-INVESTMENT INNOVATIONS FOR EDUCATION INNOVATIVES in AY 2019
2. Zonal level winner position in Research Project Competition by Savitribai Phule Pune University for BCUD 2015 held on 5th October 2015, at MGV's College of Pharmacy, Nasik, Maharashtra
3. University level winner position in Research Project Competition by Savitribai Phule Pune University for BCUD 2015 held on 11th December 2015, at Savitribai Phule Pune University, Pune, Maharashtra
4. Runner up position in Savitribai Phule Pune University, BCUD, Avishkar 2015, 10th Maharashtra State Inter University Research Convention by Savitribai Phule Pune University held on 10th to 12th January 2016, at Savitribai Phule Pune University, Maharashtra

### Dr. Moreshwar Patil

1. Acknowledged as a Bentham Ambassador for A. Y. 2019-2020

### Dr. Deepak Bhambere

1. Best Poster nomination award at International Conference Pharma-Nutrition-2015, Philadelphia, USA
2. Awarded with consolation prize at NiPiCon-2014, Nirma University, Ahmedabad

### Dr. Gitanjali S. Deokar

1. Pharma Excipient poster award 2018-19, Pharma excipient International AG, Switzerland
2. Special Appreciation Award Abhikalp 2019, Design Competition for innovative projects and proof of concept development, SPPU, Pune design innovation centre, in association with MHRD.
3. Recipient of Mahakavi Wamandada Kardak Smruti, Adarsh Dnyanyogita Award 2009 for excellence in academic performance.

### Dr. Sapana Prabhakar Ahirrao

1. Appreciated for research project in METRXPLORE 2017

### Mrs. Smita Kakad

1. Second Prize in poster presentation at SNJB Pharamcon 2019 National Conference held on "Current trends and novel techniques in pharmaceutical research and development" on 18-11-2019 to 19-11-2019
2. Mrs. Smita Kakad was appreciated for "GPAT Guidance" at Spectrum Academy on 5th Nov 2017
3. First prize in poster presentation at National Conference held on "Current trends in cGMP and quality assurance" held at RGS COP, Nasik on 25th -27th Feb 2012.

### Mr. Jay B. Ugale

1. Chartered President of Rotaract Club of R.G.S College of Pharmacy (2012)

### Mr. Umesh Laddha

1. Savitribai Phule Pune University at State level Avishkar- 2019.
2. Researcher of the Year Award-2018 by Operant Pharmacy Federation.
3. Innovative Research Award- 3rd Prize, at Sakal Innovation Fest-2018.
4. Third prize at International Conference, IPS academy, Indore, 2017
5. Best teacher award by Institute of Scholars, Bengaluru in November 2019