



## Faculty Profile

### Ms. Manjusha S.Sanap

M.Pharm. Pharmaceutical Chemistry

Designation: Assistant Professor

#### Professional Experience:

Academic 15yrs

Industry NIL



#### Professional affiliations

- Registered pharmacist
- Pharmacy Council of India
- Life member of APTI
- Life member of ISTE
- Life member of SPER

#### Achievements

2<sup>nd</sup> Prize for research paper presentation 4<sup>th</sup> ICTM held at SMBT college of pharmacy, Dhamangaon

#### Projects

1. Synthesis and evaluation of novel heterocyclic scaffold for anticancer Activity
  2. Synthesis And Evaluation Of Some Novel 2-(4-Methoxyphenyl)-4,5-Diphenyl-1,3-Thiazole And 2-(4-Hydroxyphenyl)-4,5-Diphenyl-1,3-Triazole For Anti-Tubercular And Anti-Microbial Activities
- Synthesis and Evaluation of Novel Heterocyclic scaffolds.

#### Core competency area

#### Research

#### publications

1. **Review Article Multimodal Imaging Techniques and Theragnostic Approaches for Diagnosis and Treatment of Cancer**, Mangesh Tote<sup>1</sup>, Kashmira Pingulkar<sup>2</sup>, Mayuri Baviskar<sup>2</sup>, Manjusha Sanap<sup>2</sup>, Mangesh Bansod<sup>2</sup>, Dilip Morani<sup>2\*</sup> International Journal of Pharmaceutical Sciences and Drug Research, 2025;17(3):286-293
2. **Exploring Novel Oxazole Derivatives for Cancer Therapy: Design, Synthesis, and Mechanistic Insights**, Sunayana Ghodgaonkar<sup>1,\*</sup>, Pawan Jadhav<sup>1</sup>, Trupti Jadhav<sup>1</sup>, Bhagyashree Jain<sup>1</sup>, Ankit Jogi<sup>1</sup>, Manjusha Sanap<sup>1</sup> and Mushtaque A.S. Shaikh<sup>2,\*</sup> Current Drug Discovery Technologies, 2026, 23, e15701638370100
3. **Synthesizing Derivatives of 7-Hydroxy-4-[[5-Methyl-1h-enzimidazol-2-Yl) Sulfanyl] Methyl]-2h-Chromen-2-One and Evaluating Their Potential Anti-Cancer Properties** Ms.Manjusha Shrawan Sanap<sup>1</sup>, Mr.Milind Bhitre<sup>2</sup>, Dr.Manisha S.Kedar, Dr. Nitin C. Mohire, Mr.Pavankumar D. Chopde and Mr.Mangesh V. Tote,JCHR(2024)14(4),28-34.
4. **Synthesis And Anti-Cancer Evaluation Of 7-Hydroxy-4-[[5-Methyl-1h-Benzimidazol-2-Yl) Sulfanyl]Methyl]-2h-Chromen-2-One Derivatives**, Ms. Manjusha Shrawan Sanap<sup>1\*</sup>, Mr. Milind Bhitre<sup>2</sup>, Dr. Manoj P. Shirbhate<sup>3</sup>, Dr. Manisha S.Kedar<sup>4</sup>, Mr. Pavankumar D. Chopde<sup>5</sup> and Mr. Mangesh V. Tote<sup>6</sup>. Eur. Chem. Bull. 2023, 12(Special Issue 5), 6549 –6554
5. **Development And Validation Of Rp-Hplc Method For The Estimation Of Process Related Impurity From Nifedipine**, Dr.Manisha. S. Kedar, Dr.Manoj. P. Shirbhate, Manjusha. S. Sanap, Dr.Rani. S. Kankate, Prerana. B. Jadhav, Bhagyashri. J. Warude\_European Journal of Molecular & Clinical Medicine, 2020, Volume 7, Issue 8, Pages 5593-5601
6. **The Chemistry And Bio-Medicinal Significance Of Pyrimidines And**

- Condensed Pyrimidines, *Current Topics in Medicinal Chemistry*, 2016,16,3133-3174
7. **Synthesis And Evaluation Of Some Novel 2-(4-Methoxyphenyl)-4,5-Diphenyl-1,3-Thiazole And 2-(4-Hydroxyphenyl)-4,5-Diphenyl-1,3-Triazole For Anti-Tubercular And Anti-Microbial Activities**, *Indian Drugs June 2011*, 48(06)
8. **Synthesis And Evaluation Of Some Novel 2,4-Thiazolidinedione Derivatives For Antibacterial, Antitubercular And Antidiabetic Activities**, *IJC-B Vol.51B(09) [September 2012]* 1421-1425
9. **1, 3, 4 Oxadiazole In Medicinal Chemistry: An Overview**, *Pharmacologyonline* 1: 108-116 (2010) .
10. **Benzothiazole it's current pharmacological profile and Methods of synthesis:A Review**, , *Pharmacologyonline* 1: 238-244 (2010)
11. **Pyrazolone: a new profile of biological activities and Synthesis: A Review**, *Pharmacologyonline* 1: 180-189 (2010).
12. **Scope And Applications Of Protein Chemistry: A Review**, *Pharmacologyonline* 3: 100-108 (2009).
13. **Tools for Synthesis of Natural Products: An Overview**, Manjusha S Sanap, *Research J. Science and Tech.* 2009; 1(2): 49-54.
14. **Recent synthesis of marine natural products with antihypertensive activity: An overview**, *Journal of Chemical and Pharmaceutical Research* 2009, 1 (1): 54-61.
15. **A REVIEW On: Kysanur Forest Disease**, *Pharmacologyonline* 3: 324-333 (2009).

## Presentations

1. Paper Presentation in 4<sup>th</sup> ICTM held at SMBT college of pharmacy, Dhamangaon and **secure second prize**. Jan 2023
1. Presented poster on International conference On Recent trends in Drug Discovery and Design, at Sanjivani Institute of pharmacy, Kopargaon, 2023
2. Synthesis and evaluation of some new substituted 1, 4 Dihydropyridine derivatives and ,their anticonvulsant activity, In National level conference on recent trends in Prodrug approach., at PRCOP, 2009.
3. "Enzyme inhibition", In National Level conference on Recent trends in Drug Discovery and Drug Design, at PRCOP, Loni, 2008.
4. "Herbal antioxidant", In National Level conference on Recent trends in Drug Discovery and Drug Design, at PRCOP, Loni, 2008.
5. "Leukotrienes and Its Biological Activities, in International seminar on Pharmacological science at Pravara rural college of Pharmacy, Pravaranagar.

## Seminars / workshops

1. International seminar on Pharmacological science at Pravara rural college of Pharmacy, Pravaranagar.
2. National Level conference on **“Recent trends in Drug Discovery and Drug Design”**, PRCOP, Loni, (2008).
3. ICMR sponsored –National level workshop **“Recent methods of herbal drug analysis”** PRCOP, Loni-(2009).
4. ICMR Sponsored- National level conference on **“Polyherbal formulation: Perspectives and challenges”**
5. ICMR Sponsored- National level conference on **“Preclinical Pharmacology : Conventional To In-Silico”** (2009)
6. University of Pune Sponsored-State level conference on **“Recent Trends in Novel Drug Delivery System”**
7. University of Pune Sponsored-One Day Workshop on **“Recent Trends in Pharmaceutical Analysis”**.
8. **61<sup>st</sup> Indian pharmaceutical congress**

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9. University of Pune Sponsored- three day seminar on **“Recent development in Pharmacological research”**.
10. One day workshop on **“Recent Trends in Pharmaceutical Analysis”** at M.G.V.P'S College of Pharmacy, Nasik.
11. One day Seminar on **“New Vistas In Medicinal Chemistry Research”** at SVBP's college of pharmacy, dombivali.(2015)
12. UGC sponsored One week workshop on **“Research methodology and Data analysis”** at SNDT university, juhu, Mumbai.(2017)
13. One week AICTE-ISTE sponsored FDP on **“A comprehensive Induction on Best Practices for Effective Teaching Learning Process”**, at St.John Institute of Pharmacy, Palghar (2018).
14. Three Day PCI sponsored CEP on **“Pharmaceutical Education and Research: Current Scenario”** at BVCOP,Navi Mumbai.(2019)
15. Two Day Workshop on **“Quantitative Research”** organized by IQAC-SNDT Womens University, juhu.(2019)
16. Seminar on **“Basic Instrumentation and application of LCMS in the field of Pharmaceutical analysis”** KMK college of pharmacy mumbai (2020)
17. FDP on ICT Tools for effective Teaching learning at SRTM university nanded (2020)
18. Workshop on **Pharmaceutical Product Development Challenges and Opportunities**, at LHH and KGRDCOP (2020)
19. International conference at SMBT 2023
20. Intrnational conference at Sanjivani Institute of pharmacy 2023
21. BIPR'sIntPhCon2024:Frontiers in the science of Drug Discovery and Pharmaceutical Devolpment,2024

**Institutional &  
administrative  
responsibilities**

Exam Incharge, Social media coordinator, PCI committee Incharge,  
Instrumentation room Incharge, co-curricular activities