



Name: Ms. Niharika Sudhir Patil

Designation: Assistant Professor (Pharmacology)

Qualifications: M. Pharm

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PROFESSIONAL EXPERIENCE:

1. Working as Assistant Professor in Department of Pharmacology at All India Shri Shivaji Memorial Society, College of Pharmacy, Pune. (Since 15 October 2024 to till date).

TOTAL EXPERIENCE IN YEARS:

❖ **Teaching-** 1 Yr

EDUCATIONAL QUALIFICATIONS:

M.Pharm: July 2024 from R.C. Patel Institute of Pharmaceutical Education and Research, Shirpur Dist: Dhule in Pharmacology under the guidance of Dr. C. R. Patil.

Research Topic: Comparative Efficacy of β -Carotene and Losartan Against Isoproterenol-Induced Cardiac Fibrosis: An Experimental and Computational Studies.

B.Pharm: July 2022, from P.S.G.V.P. Mandal College of Pharmacy, Shahada, Dist: Nandurbar.

AREAS OF INTEREST AND EXPERTIZE:

Experienced in experimental pharmacology, molecular docking, and computational drug analysis with a focus on cardioprotective and anti-fibrotic drug research.

PROFESSIONAL AFFILIATIONS:

- ❖ Registered Member: Maharashtra State Pharmacy Council

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Working as a Member Coordinator for the Curriculum Criteria (NAAC I) in the College Committee.
- ❖ Working as a member of college committee of Faculty Development Program.
- ❖ Working as a member of college committee of Advanced Instrument Handling Course
- ❖ Working as a member of college committee of Green Initiative.
- ❖ Working as a member of college committee of Newsletter.

AWARDS/ACHIEVEMENT/MEDALS:

- ❖ University Topper in M. Pharmacy in Pharmacology and all branches examination at Savitribai Phule Pune University on Apr. 2021 Examination.
- ❖ Awarded as Best Outgoing Student of the year for B. Pharm course.

PUBLICATIONS:

- ❖ REVIEWS: 01
- ❖ RESEARCH: 02

REVIEW PUBLICATIONS

- 1. Miss.Niharika Sudhir Patil**, Prof.Prachi k. Dusane, “A Brief Review: on *catharanthus Roseus*” International Journal of Pharmaceutical Research and Applications Volume 7, Issue 4 July-Aug 2022, pp: 1594-1599.

RESEARCH PUBLICATIONS

- 1. Niharika Patil**, Vishal S Patil, Nandenei Punase, Ghanshyam Mapare, Shvetank Bhatt, Chandragouda R Patil. Comparative Efficacy of β -Carotene and Losartan Against Isoproterenol-Induced Cardiac Fibrosis: An Experimental and Computational Studies. Journal of the American Nutrition Association; Volume 44 Issue-6, 1-16, 2025.
- Nandenei Punase, Ganesh V Jamdar, Ghanshyam Mapare, Vishal S Patil, Narendra Nagpure, **Niharika Patil**, Chandrakantsing V Pardeshi, Chandragouda R Patil. *In silico*, *in vitro*, and *in vivo* assessment of chitosan-diltiazem nanoparticles against pulmonary fibrosis. Therapeutic Delivery. Vol. 16 (6), 555-568, 2025.

WORKSHOPS / SEMINARS/REFRESHER COURSE ATTENDED:

1. Two-day hands-on workshop on “Advanced Experimental Techniques and Data Acquisition in Pharmacological Research in Association with AD Instruments South Asia Pvt. Ltd.
2. Two-Day Skill Development Workshop on Employability Skills to Excel in the Corporate World organized by the Department of Pharmacology & Pharmacy Practice SES RCPIPER SHIRPUR.
3. Attended District Level-Dhule Research Convention Aavishkar 2023-24 organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon at RCPIPER, Shirpur.
4. Good clinical practice: NIDA Clinical trial network.
5. Course of NIeCer 103: Scientific Writing in Health Research.
6. Certificate of CPA's Webinar on Clinical Trials in India.
7. Attended two-day national conference on Pharmaceutical Analysis, Drug Discovery, and Development.
8. Attended Online International FDP on "Insights into Drug Discovery, Development and Regulation" organized by IQAC of AISSMS College of Pharmacy in association with APTI central from 26th Dec 2024 to 2nd Jan 2025.

NPTEL/SWAYAM/PEDAGOGY COURSES:

Completed Swayam/ NPTEL course in Scientific Writing in Health Research

Ms. Niharika S. Patil