

Name: Dr. Ruchira Shankar Karpe. (M. Pharm; Ph.D)

Designation: Assistant Professor, Department of Pharmacognosy.

Work Experience:

Teaching: 4 Years

Email: ruchira.karpe@ocp.edu.in

Area of Specialization: Pharmacognosy

Subjects taught:

UG: Pharmaceutical Analysis I, Cosmeticology, Pharmaceutical Inorganic Chemistry, Microbiology, HAP, Quality Assurance, Pharmacognosy II, Herbal drug technology.

PG: Advanced Pharmacognosy

Awards, Credentials, Professional affiliations

- Registered with Maharashtra State Pharmacy Council.
- Awarded with Parshuram Bajee Agashe Vidnyan Sanshodhan Puraskar 2022, by Marathi Vidhyan Parishad.

Research Grants received: Nil

Research Students Guided

- Semester 8 project: 4 students from batch 2022-23.
- Guided the students for various competitions including Avishkar, Science competition at Vidhyan parishan, International and national conferences.

Committee in Charge: NA

No. of papers published:

International: 05

1. **Salunkhe RB**, Patil SS. Glycyrrhiza glabra mediated silver nanoparticles: Synthesis, characterization, standardization, and cardioprotective bio evaluation. International Journal of Biology, Pharmacy and Allied Sciences. 2025; 14(5).
2. Lehari, A., **Salunkhe, R.**, Gandhi, R., & Patil, S. Arjuna: Exploring the therapeutic potential of an ancient herb. Nanotechnology Perceptions. 2024; 20 (S-14): 2774–2794.
3. **Ruchira B. Salunkhe**, Swati S. Patil. A review on management of cardiovascular diseases by herbal nanoparticles. International Journal of Botany Studies. 2023; 14(6):1000-14. 2.
4. Naik, Archana & Gadgoli, Chhaya & Patil, Nikita & **Salunkhe, Ruchira**. (2023). Simultaneous Estimation for Diosgenin, Charantin and Hydroxychalcone from Herbal Antidiabetic Formulation using Validated HPTLC Method. International journal of pharmaceutical quality assurance. 14. 612-617.

5. **Salunkhe Ruchira**, Gadgoli Chhaya, Naik Archana, Patil Nikita. Pharmacokinetic Profile and Oral Bioavailability of Diosgenin, Charantin, and Hydroxychalcone from a Polyherbal Formulation. *Frontiers in Pharmacology*. 2021; 12.

No. of presentations:

National: 2

International: 6

Projects carried out:

- Development and evaluation of polyherbal anti-wrinkle phytosomal gel.
- Development of lactobar for working new mothers.
- Development and evaluation of antidiabetic chocolate.

Training programmes / workshops/conferences attended

- Oral presentation at, SECON 2025 International Conference on Traditional medicine- Ancient and modern concordance, on 30-31st Oct 2025, Jamia Humdard University, Delhi.
- Poster presentation at, the Ministry of Ayush (Govt. of India) sponsored Two days national symposium on “Advances in Natural Products Research Methodology” held on 25th and 26th November, 2022 at School of Pharmaceutical Sciences (SOPS), Sandip University, Nashik.
- Oral Presentation at SNJBPharmaCon, “Global Regulatory Challenges to Seek Approvals for NDA, Medical Devices, Herbals and Nutraceuticals” An International Conference held from 2nd to 4th December 2022 Organized by Shriman Sureshdada Jain College of Pharmacy Neminagar, Chandwad, Nashik.
- Oral Presentation at APP 11th Annual International convention, "Academia-Industry Interaction in Pharmaceutical Innovations: Paradigm Shifts and Direction for the Future" held on 16th -17th day of December 2022, organized by APP Haryana State Branch and APP Switzerland International Branch in collaboration with APP IP-DRA & Mol Pharm Divisions and APP Hyderabad Local Branch at St. Pauls College of Pharmacy, Turkayamjal, Abdullapurmet, Ranga Reddy, Hyderabad, Telangana in celebration of 'Vijay Diwas 2022'.
- Poster presentation at Natural Speciality Ingredients Conference (NSIC 2023), 2 days' national conference dated 9th and 10th March 2023 on Sustainable, Natural & Green Ingredients / Processes in Cosmetics, Food, Nutraceutical and Pharmaceutical. Powered by ORAH Nutrichem Pvt. Ltd and hosted by Shri Vile Parle Kelavani Mandal's Dr. Bhanuben Nanavati college of Pharmacy, Mumbai.
- Oral presentation at International Conference on Exploring the Potential of Ayurveda in Promoting the Well-Being of Human Beings, Animals Environment, Plants and Animals on the 8th Ayurveda Day on 28th Nov 2023, organized jointly by JSS academy of higher education and research, Mysuru and South Kajakhstan medical academy, Kajakhstan; hosted by JSS college of Pharmacy, Ooty, (Awarded with First Prize).
- Webinar on “Best practices in scientific writing” organized by Vivekanand Education Society's College of Pharmacy Mumbai, held on 19th May 2020.
- Webinar on “Novel Strategies in herbal Phytoformulations”, organized by Natucare India, held on 3rd May 2020.
- Workshop on “Excel to Excel- In statistics for pharmaceutical research” organized by Saraswathi Vidya Bhavan's college of pharmacy Mumbai.

- Workshop on “Extraction and Isolation of Phytoconstituents” held on 23rd and 24th June 2018, organized by Institute of chemical technology Matunga, Mumbai.

Achievements

- Received First prize in poster presentation entitled “Green synthesis of silver nanoparticles utilizing traditional herbal plant extracts: Exploring the cardio protection potential.” at International Conference on 8th Ayurveda Day with the theme of Ayurveda for everyone on every day organized by JSS academy of higher education and research Ooty and South Kazakhstan medical academy on 28th November 2023.
- Received Parshuram Baji Agashe science research award at Marathi Vidyan Parishad, on 30th April 2023. For the preparation of power packed nutribars for lactating mothers.
- Certificate of Merit awarded for poster presentation at 7th International Congress of Society for Ethnopharmacology, New Delhi on 17th Feb 2020.

Patents: 01 published.

Books published: NIL