

Name of Faculty: - Ms. Kanchan Madhukar Khedkar

Qualification	M. Pharmacy
Designation	Assistant Professor
Specialization	Pharmaceutical Chemistry
Academic Experience	7 Years and 7 months
Research Experience	6 Years
Industry Experience	Nil
Areas of Interest	Medicinal Chemistry & Drug Design ,Organic Synthesis of Bioactive Compounds,Phytochemical research / herbal formulations
Subjects Taught	Pharmaceutical Inorganic Chemistry, Biochemistry, Pharmaceutical Analysis, Medicinal Chemistry, Pharmaceutical Organic Chemistry
Presentations	<b>Poster Presented</b> at Conference on recent trends in drug discovery (CRTDD-2025) on 24-25 Feb 2025 by BITS Pilani.
	<b>Oral Presentation</b> at 12 <sup>th</sup> World Conference On Pharmaceutical Science And Drug Manufacturing on 19 <sup>th</sup> & 20 <sup>th</sup> September 2024 at Goa, India.
Publications	<ul style="list-style-type: none"> <li>• Harsha Narkhede, Kanchan Khedkar, “Garlic Peel–Derived Bioactives in Redox Homeostasis: Physiological Mechanisms and Therapeutic Implications” <b>Chinese Journal of Applied Physiology</b>, March 2026,. Pp 1-11</li> <li>• Harsha Narkhede, Kanchan Khedkar, “Molecular recognition for anion detection: progress and environmental significance” <b>Intelligent Pharmacy, Elsevier</b>, July 2025. Pp 1-13</li> <li>• Kanchan Khedkar, Shekhar Kokate, Yogesh Ushir, Mahima Patil,” Tribulus terrestris extract jellies: A novel approach for alleviating polycystic ovarian syndrome. <b>Journal of chemical health risks. Scopus</b>14(5),August 2024.pp708-716.</li> </ul>

- Mahima Patil, Kanchan Khedkar,” Tribulus terrestris: a comprehensive review on botanical, pharmacological and therapeutic aspects. **International Journal of Research Publications and Reviews**. Vol-5, April 2024. Pp:226-235
- Kanchan khedkar, Anushka Thube.” Formulation and evaluation of herbal anti-aging cream extract containing Annona Squamosa Leaf Extract. **International Journal of Pharmaceutical Research and Applications** volume 8, Issue 6, Nov-Dec 2023, pp: 468-479
- Shweta Gunjal, Kanchan Khedkar, “A Compendious review on Fagonia cretica Linn”, **Journal of Emerging Technologies and Innovative Research** 2023,10(1). d591-d600.
- Komal Sagar, Kanchan Khedkar, The effectiveness of marigold, cochin grass, and lilac as mosquito repellent., **International journal of research trends and innovation**. 2023.8(1).116-125.
- Yatin Nachan, Sakshi Pande, Amol Deshmukh, Kanchan Khedkar, “A comprehensive review on Pica” **International Journal of Creative Research Thoughts**. 2023,11(4) d78- d83.
- Aditi Hodgar, Kanchan Khedkar, A review on prodigious activities of Argemone Mexicana, **International Journal of all research education and scientific studies”** 2023.11(5)2621-2634
- Bhagwat A.B., Khedkar K.M., Impurity Profiling-A review, **Asian Journal of Research and Development**, 2022, 10(2);135-143.
- Thube A. V., Khedkar K.M., A Comprehensive Review on Microbial Resistance of Various Antibiotics, **International journal of research in engineering and science** 2022, 10(6)-419-426.
- Devhare V. R., Khedkar K.M., The Chemistry of Allergens- A review, **World Journal of pharmaceutical research**, 2022, 10(2);135-143.
- Kundan Tiwari, Kanchan Khedkar, Design, synthesis, and biological evaluation of dipeptide containing p-aminosalicylic acid, **World Journal of Pharmacological Research and Technology**, 2015, Vol. 4(3), pp. 229-241.

Book Chapters	A chapter on ICT Tools for Effective Teaching Learning Process published in Artificial Intelligence for Education and Sustainability pp: 312-322
Research Grants	NIL
Professional Memberships	Regd. Pharmacist, No.115223 with Maharashtra State Pharmacy Council
Achievements	<p>Qualified GPAT (2014)</p> <p><b>Second Prize</b> in National level conference on “Frontiers in Pharmaceutical Sciences” for Poster presentation on Stem cells- A novel Therapy held at SMBT COP on 3<sup>rd</sup> Aug 2013.</p> <p><b>AVISHKAR-2023.</b> Zonal level research project competition on 30<sup>th</sup> Oct.2023, organized by BCUD, SPPU, Pune.</p> <p>Delivered expert talk at International forum on 16 Sept 2022 organized by <b>Camarines Sur, Phillipines.</b></p>