

**Mr. Pattekari S. N.,
M. Pharm. (Pharmaceutics)**

Assistant Professor

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Education:

Ph.D : Pursuing in Shivaji University, Kolhapur

M.Pharm. (2012): Satara College of Pharmacy, Satara.

B. Pharm. (2010): Bharati Vidyapeeth's College of Pharmacy, Kolhapur.

Professional Work Experience:

5 years teaching Experience as an Assistant Professor at IIP Sadavali.

1 years teaching Experience as an Assistant Professor at ADCDP Ashta.

Currently working as an **Assistant Professor** at Annasaheb Dange college of B Pharmacy Ashta since **02nd July, 2018** till the date.

Teaching	Research	Industry	Total
12.5 Years	--	--	12.5 Years

Professional Affiliations: Registered Pharmacist (Registration No. 111643)

Subject Taught: Physical Pharmaceutics, Pharmaceutical Engineering, Pharmaceutical Biotechnology, Biopharmaceutics.

Research Foci: Solubility and Bioavailability Enhancement, Nanotechnology in formulations, Excipient Development

Number of Publications: 04 (National: 2, International: 2) ; **Presentations: 04** **Book Chapters: 02**

Selected Publications:

- Patil V, Patil PS, Kulkarni MV, **Pattekari SN**, Khan ZG. Advanced Microneedle Arrays for Transdermal Antibiotic Delivery. Current Opinion in Pharmacology. 2025 May 15:102542.
- Honmane SM, Yadav KR, Dange YD, **Pattekari SN**, Tiwari SS, Saralaya MG. Development and Validation of UV/visible Spectrophotometric Method for Estimation of Piroxicam from Bulk and Formulation. Indian Journal of Pharmaceutical Education and Research. 2025 Apr 23; 59(2s):s733-9.
- **Pattekari SN**. Heating the matrix tablets of aceclofenac above glass transition temperature of the polymer to achieve sustained release. Pharma Sci Monit. 2018 Jan 1;9(1):508-14.
- **Pattekari SN**, Kulkarni AS. Solubility and dissolution enhancement of a BCS Class II drug by co-grinding with superdisintegrants. Indo American Journal of Pharmaceutical Research. 2017:2231-6876.

Book Chapters:

- Randive DS, Bhutkar MA, Bhinge SD, Wadkar GH, **Pattekari SN**. Theranostic Applications of Quantum Dots. In Nanomaterial-Based Drug Delivery Systems: Therapeutic and Theranostic Applications 2023 Jun 22 (pp. 209-238). Cham: Springer International Publishing.
- Manjappa A, Kumbhar P, John D, **Pattekari S**, Patravale VB. Formulation strategies for improved ophthalmic delivery of hydrophilic drugs. In Micro-and Nanotechnologies-Based Product Development 2021 Sep 6 (pp. 115-138). CRC Press.