



**Name of the Faculty:** Dr.Shubhangi Aher

**Designation:** Assistant Professor Pharamceutics

**Email/Contact number:** [shubhangi.aher@bcp.edu.in](mailto:shubhangi.aher@bcp.edu.in)

**Teaching Fields :** Pharmaceutical Microbiology, Pharmaceutical Engineering, Modern Pharmaceutics, Hospital Pharmacy, Quality assurance, Dispensing Pharmacy, Physical pharmacy

**Educational Qualifications:**

S.No.	Degree	College/University	Year of passing
1	D. Pharm	MSBTE, Mumbai	2002
2	B. Pharm	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	2006
3	M. Pharm	Savitribai Phule Pune University (SPPU)	2009
4	Ph. D	NIMS University Rajasthan, Jaipur	2022

**Recent Publications (in last 5 years):**

S.No	Title	Journal details
1.	Revolutionizing pharmaceuticals: a deep dive into self nano emulsifying drug delivery systems	International Journal of Current Pharmaceutical Research, ISSN-0975-7066, Vol 16, issue 1, January 2024
2.	Cubosomes; An Approach to Sustain and Improve the Ocular Delivery for Glaucoma Treatment: Box Benhken Optimization, Formulation, In Vitro Characterization and Ex Vivo Permeation Study	Journal for Research in Applied Sciences and Biotechnology 3(3):209-222, July 2024
3.	Optimization and Physicochemical Characterization of a Gatifloxacin Loaded NLC For Ocular Antibacterial Application	International Journal of Pharmacy and Biological Sciences-IJPBSTM (2022) 12 (4): 23-40
4.	Formulation Assessment of Microsponges Loaded Gel For Reinforced Acne Treatment	International Journal of Science & Engineering

		Development Research (www.ijdsr.org), ISSN:2455-2631, Vol.9, Issue 7, page no.635 - 648, July-2024
5	Nanotechnology at Work: Hydrogel Drug Delivery Architectures	Journal of Drug Delivery & Therapeutics. 2024; 14(3):179-196
6.	Preparation and characterization studies of levofloxacin hemihydrate (lvf) loaded nlcs for ocular delivery and comparison with various marketed formulations	European Journal of Biomedical AND Pharmaceutical sciences, ejbps, 2023, Volume 10, Issue 10, 56-64
7.	Exploring the potential of 3d printing in pharmaceutical development	International Journal of Current Pharmaceutical Research, ISSN- 0975-7066, Volume15, Issue 6, 2023
8.	Preparation and Characterization of Nano Structured Lipid Carriers for Ocular Bacterial Infection.	Journal of Pharmaceutical Research International, 33 (40A). pp. 8-23. ISSN 2456-9119
9.	Formulation and In Vivo, In Vitro, Ex-Vivo Evaluation of Gallic Acid Loaded Floating Mucoadhesive System	International Journal of Pharmacy and Biological Sciences-IJPBSTM (2022) 12 (4): 10-22 Online ISSN: 2230-7605, Print ISSN: 2321-3272
10	Development And Validation of Uv Spectroscopic Method For Analysis Of Sparfloxacin In Simulated Tear Fluid Ph 7.4	Drugs and Cell Therapies in Hematology, 10(1), 2283-2292

**Research Area and interest:** Ocular drug delivery system, solubility enhancement, Nasal drug delivery system, Gastro retentive system, Vaginal drug delivery system, Brain targeting system, Topical drug delivery system

**Expertise and instrumental/research facilities you can provide to interested parties:** Nanotechnology, Lipid Delivery Systems, Nano-carrier system