

## Ms. Akanksha A. Gadekar, M. Pharm.

Assistant Professor

### Campus Address:

Samarth Educational Trust  
ARVIND GAVALI COLLEGE OF PHARMACY  
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### Education:

M. Pharm. (2025): Rajarambapu College of Pharmacy, Kasegaon.  
B. Pharm. (2023): Arvind Gavali College of Pharmacy Jaitapur, Satara.

### Professional Work Experience:

1 January to till date: Assistant Professor, Arvind Gavali College of Pharmacy, Jaitapur, Tal. & Dist. Satara.  
August 2025 to December 2025: Lecturer, Sawkar Pharmacy College (D. Pharm.) Gat No. 261, A/P Jaitapur, Tal. & Dist. Satara.

**Subject Taught:** UG- Pharmaceutical Quality Assurance

**Research Interests:** The formulation and development of herbal-based pharmaceutical dosage forms, along with the evaluation of their biological activities using in vitro, in vivo, and in silico approaches. Molecular docking studies to analyze drug-target interactions and support therapeutic potential.

**ORCID Id:** 0009-0009-7467-1548

### Research Profile:

National Seminar Attended: 02                      National Workshop: 01  
International Seminar Attended: 01              International Workshop: 01

**Research Projects:** Formulation Development and Evaluation of Tablets Containing Herbal Anti-anxiety agents (M. Pharm)

### Publications:

- 1) Research on Arbutin's Interaction with GABA and SERT: A Computational Approach in International Journal for Multidisciplinary Research, volume 08, issue 01, jan-feb 2026.
- 2) Research on synthesis In Silico Estimation and Pharmacological Screening of Some Substituted Oxadiazole Derivatives in International Journal of Pharmaceutical Sciences, volume-03, issue-03, 2025.
- 3) Research on Evaluation of membrane Stabilizing Activity and Protein Denaturation Activity of Naringin published in International Journal of All Research Education and Scientific Methods, Volume 13 Issue 5, May 2025.
- 4) Research on Evaluation of membrane Stabilizing Activity and Protein Denaturation Activity of Hesperetin published in International Journal of Innovative Research in Technology, Volume 11 Issue 12, May 2025.
- 5) Review on Rutin and Chrysin: Natural flavonoid Anxiolytics & Their Diverse Pharmacological properties published in International Journal of Creative Research Thoughts, Volume 12 Issue 12, December 2024.
- 6) Review on A Through Analysis of Quality by Design (QbD) published in Journal of Emerging Technologies & Innovative Research, Volume 11 Issue 10 October-2024.
- 7) Review on A detailed study on the medicinal importance of the *Costus Igneus* Plant published in Journal of Emerging Technologies and Innovative Research, Volume 11 Issue 11 Nov-2024.