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Savitribai Phule Pune University College ID No. PU / PN / Pharm / 117 / (1996)  
**Accredited by NAAC with 'A' Grade**

**Name:** Ms. Tejaswini Jagtap

**Designation:** Assistant Professor

**Qualifications :** M. Pharm.

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## PROFESSIONAL EXPERIENCE:

1. Working as Assistant Professor from December 2021 at AISSMS College of Pharmacy, Pune-411001
2. Worked as Clinical QA executive from Sep 2019 to Sep 2021 at Synapse labs pvt ltd, Pune-411014

**TOTAL EXPERIENCE IN YEARS:**

- ❖ Teaching: 4 Year.
- ❖ Industry: 2 yrs

**AREAS OF INTEREST:**

## Formulation & development of drug delivery

## Solubility Enhancement

## BA/BE studies

## Audit & Regulatory Affairs

### PROFESSIONAL AFFILIATIONS:

- ❖ Registered Member: Maharashtra State Pharmacy Council.
- ❖ Life Member: Association of Pharmacy Teachers of India.

## INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Working as a member of OBE Committee.
- ❖ Working as a member of College Social media & Branding Committee.
- ❖ Working as a member of Enterprise resource planning correspondence.
- ❖ Working as class teacher of Final Year B Pharm, Sem-VII.
- ❖ Worked as class teacher for B Pharm at Sem- I, II,III and IV.
- ❖ Worked as a member of College News letter committee
- ❖ Worked as a member of IPR co-ordination Committee.
- ❖ Worked as a member of Gender champions for NAAC
- ❖ Worked as a member of Institutional Values and Best Practices for NAAC
- ❖ Worked as a member of College website information up gradation Committee.

## AWARDS/ACHIEVEMENT/MEDALS:

- ❖ Qualified GPAT examination in 2017 with 84 percentile.
- ❖ Qualified at College and zonal level University research competition, 'AVISHKAR'.
- ❖ Poster presentation on "Bioavailability enhancement of Phytopharmaceuticals for treatment of rheumatoid Arthritis" at Indo-US International Conference on "UNLOCKING HORIZONS IN GLOBAL MULTI-DISCIPLINARY HEALTHCARE RESEARCH" held at Progressive Education Society's, Modern College of Pharmacy, Nigdi, Pune-44 in collaboration with Association of Pharmacy Professionals (APP) between 10 to 12 March 2025.

## PUBLICATIONS:

- ❖ National Research Publications: 4
- ❖ International Research Publications: 1

## NATIONAL RESEARCH PUBLICATIONS:

1. Demonstration of lymphatic uptake of [6]-Gingerol Solid Lipid Nanoparticles. Dr. Mangesh R Bhalekar, Dr. Ashwini R Madgulkar, **Tejaswini V Jagtap**. Journal of Drug Delivery & Therapeutics. 2019; 9(4):461-469, July 2019.
2. Formulation and Evaluation of Pomegranate and Marigold Infused Melting Serum Candle: A Novel Approach to Skin Care. **Mrs. Tejaswini Jagtap**, Ms. Ankita Ingale, Smriti Jain, Mrunmayee Vanne, Pranay Darak, Shreyash Surajbanshi. International Journal of Research Publication and Reviews. 2025; 6(4):14858-14872.
3. Synergistic nail lacquer formulation of *Cissus quadrangularis* and itraconazole for enhanced onychomycosis management. Ankita Ingale, **Tejaswini Jagtap**, Pravin Gade, Janhavi Shinde, Mukesh Kote and Pruthvirani Sakhare. World Journal of Pharmaceutical Research. 2025; 14(10): 1101-1116.

### INTERNATIONAL REVIEW PUBLICATIONS:

1. Biochemical investigations, in silico study and targeted delivery aspects of plant phytosterols:  $\beta$ -sitosterol. **Tejaswini Jagtap**, Dr. Mangesh R Bhalekar, Dr. Ashwini Madgulkar. Inflammopharmacology. 10.1007/s10787-025-01951-3.

### CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED:

1. Indo-US International Conference on “**UNLOCKING HORIZONS IN GLOBAL MULTI-DISCIPLINARY HEALTHCARE RESEARCH**” held at Progressive Education Society’s, Modern College of Pharmacy, Nigdi, Pune-44, in collaboration with Association of Pharmacy Professionals (APP) between 10 to 12 March 2025.

### WORKSHOPS /SEMINARS/ REFRESHER COURSE ATTENDED:

1. Attended National level seminar on “Pharmaceutical Innovations and Intellectual Property Rights” organized by Savitribai Phule Pune University, at Morden College of Pharmacy, Yamunanagar, Nigdi, Pune-411044.
2. Attended National level seminar on “Excipients- The key drivers in formulation success” organized by Controlled Release Society-Indian Chapter, at Indira College of Pharmacy, Pune.
3. Participated in two days National level seminar on “In-Vitro In-Vivo Correlation” at AISSMS College of Pharmacy as a volunteer, 2019, Pune.
4. Completion of soft skill course held as a part of the Skilling Initiative conducted by Mahindra Pride Classroom, Pune.
5. Participated in Entrepreneurship Symposium seminar
6. Participated in One Day State Level Research Presentation Competition “SYNAPSE” organized by AISSMS College of Pharmacy, 2016-2017.
7. Participated in IP Awareness/Training program under National Intellectual Property Mission, organized by Intellectual Property Office, India, 2022.
8. Attended 56<sup>th</sup> SPSR Webinar on, “Innovative multifunctional dressings for accelerated infected wound healing: nuances and achievements from IPK labs”, on July 14, 2024.
9. Attended 58<sup>th</sup> SPSR Webinar on, “AI tools for scientific writing and publishing”, on July 28, 2024.
10. Attended 68<sup>th</sup> SPSR Webinar on, “Solid lipid nanoparticulate systems(SLNs): A latest approach for delivering drug”, on October 06, 2024.
11. Participated in the Faculty Development Programme on “Navigating Research Grants and Funding Opportunities” organized by the School of Pharmacy, Vishwakarma University, Pune, from 27<sup>th</sup> Jan to 1<sup>st</sup> Feb 2025.
12. Participated in six days online National level Faculty Development Programme on, “Smart Research for the Digital Age: Mastering Grant Proposals, High-Impact Scopus Publishing, Patents and AI-Driven Excellence” organized by Sardar Patel college of pharmacy, Bkrol, Anand, Gujarat. 7<sup>th</sup> April 2025-12<sup>th</sup> April 2025.
13. Attended FDP on Insights into Drug Discovery, Development and Regulation organized by AISSMS COP, Pune
14. Pharmacophore modeling and mapping, Homology modeling organized by Multi target AI based R and D.

**PATENT :**

1. Patent published on, “Topical drug delivery device for increasing bioavailability of drug”, Patent number- 449324-001, dated- 25<sup>th</sup> Feb 2025.

**NPTEL/SWAYAM/PEDAGOGY COURSES:**

- Completed Swayam/ NPTEL course in Scientific Writing in Health Research
- Completed Swayam/ NPTEL course in Educational Technology

**Ms. Tejaswini Jagtap**