



**All India Shri Shivaji Memorial Society's
College of Pharmacy, Kennedy Rd, Pune-411 001.**

Establishment 1996; Affiliated to Savitribai Phule Pune University,

Approved by AICTE & Recognized by PCI

Accredited by NBA (B. Pharm Course) 2F/12B Recognition by UGC

Mail: contact@aissmscop.com **Website:** www.aissmscop.com



Name: Mr. Jitendra W. Gajbe

Designation: Assistant Professor

Qualifications: M. Pharm. Pursuing (PhD)

Contact No: 020-26058204/9960299061

Email-Id: jitendragajbe@gmail.com



PROFESSIONAL EXPERIENCE:

1. Working as Assistant Professor from May 2012 at AISSMS College of Pharmacy, Pune-411001
2. Worked as Lecturer from Nov. 2011 to April 2012 at AISSMS College of Pharmacy, Pune-411001

TOTAL EXPERIENCE IN YEARS:

❖ Teaching: 13 yrs.11 month

AREAS OF INTEREST:

- Formulation & development of drug delivery
- Solubility Enhancement
- Novel pharmaceutical & cosmetic preparation
- Transdermal/Topically drug delivery system
- Regulatory Affairs

Ph.D. STUDENTS GUIDED: -Nil

M. PHARM STUDENTS GUIDED: - 03

BOOK AUTHORIZED: 02 Book Chapter Published

- ❖ Approved by Savitribai Phule Pune University and guided 30 student Final year practice school project B-pharm

PROFESSIONAL AFFILIATIONS:

- ❖ Registered Member: Maharashtra State Pharmacy Council
- ❖ Registered Member: APTI

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ Working as Program Officer for NSS.
- ❖ Working as a member of IIC.
- ❖ Working as a member of Student Achievement Committee.
- ❖ Working as a Incharge of Annual report submission SPPU and AISSMS society
- ❖ Working as a member of NAAC
- ❖ Working as a member of Internal Complaint Committee.

AWARDS/ACHIEVEMENT/MEDALS:

- ❖ Cleared GATE examination IIT Roorkee in 2009 and GPAT 2022 conducted Baroda
- ❖ Recipient of UGC Scholarship during M. Pharm. Course.
- ❖ General course done on Intellectual Property Conducted by WIPO

PUBLICATIONS:

- ❖ National Research Publications: 06
- ❖ International Research Publications: 06

PATENT PUBLICATIONS

- ❖ BIGEL COMPOSITION OF CINNAMIC ACID AND SALTS THEREOF 202521062981 A published on dated 19/09/2025
- ❖ BIGEL COMPOSITION OF ETORICOXIB AND SALT THEREOF 202421082463 A filling complete specification date 24th Oct 2025

REVIEW PUBLICATIONS

1. Unveiling Preferences: A survey on preferred Anti Diabetic drug in Pune Science, Technology and Development 2024
2. Review article on New Trends of Innovative Emerging Cosmetic Materials Journal of Pharmaceutical Advanced Research 2022
3. Review article on Innovative transitive development of Hydrogel by Copolymerisation and Grafting technology of polymer 2022
4. Review Article Molecular Dynamics-Informed Review on Groundbreaking Bigel Techniques for Dermal Drug Delivery in the Journal of pharmaceutical sciences Open access peer-reviewed Journal 2025
5. Market Analysis of Most Selling Probiotics-VIBACT & VIBACT DS in International Journal of Research in Commerce and Management Studies 2025
6. .Digital Companion for Tracking Pharmaceutical drug brands and sales insight 2025

NATIONAL RESEARCH PUBLICATIONS

7. Design and evaluation of sustained release matrix tablet of Metformin hydrochloride” in the journal of ‘Research journal of Pharmaceutical Technology 2009.’
8. Effect of ethylcellulose and HPMC K100 M on in vitro release rate of METFORMIN HCL from carbopol 971p matrix tablets" International Journal of Research in Pharmaceutical and Biomedical Sciences 2012.
9. Formulation and development of herbal topical gel of curcumin polyethylene complex and neem oil using factorial design for antibacterial treatment research article in Science, Technology and Development Journal 2024

INTERNATIONAL RESEARCH PUBLICATIONS

10. Spectrophotometric method development and validation of itopride hydrochloride in bulk and dosage form in the journal of international journal of drug delivery 2011.
11. Preparation and Evaluation of Amorphous Solid Dispersion of Etoricoxib, Employing A Fast Approach for Polymer Selection research article in the Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry 2025.
12. Development of a UV Spectroscopy Method to Validate p-Coumaric Acid and Assess the Antioxidant Activity of a p-Coumaric Acid Gel Product. Prospects in pharmaceutical sciences.

PRESENTATIONS:

Young Researchers Conference – 2009, Organized by UICT, Mumbai,

- 1) Formulation and evaluation of floating drug delivery systems for Sustained Release of Bupropion Hydrochloride.
- 2) Effect of tablet excipients on mucoadhesive properties of HPMCK4M CR and Carbopol 971P.
- 3) Isolation of seed husk mucilage from *plantago ovata* and its evaluation as a tablet disintegrant.

Paper presented at Anant pharma-09, Bhor

- 4) Formulation and evaluation of Taste masked fast disintegrating tablet of Cepodoxime Proxetil.

Research paper presented at APTI sponsored national level seminar-09, Shahada.

- 5) Formulation and development of mouth dissolving tablet of Ambroxol Hydrochloride.

Participated in Avishkar-2008 University Research Project Competition For \ Post Graduate Students Under Medicine And Pharmacy. (Zonal, University, Inter-University)

- 6) Formulation and evaluation of mouth dissolving tablet of Flurbiprofen.

Papers selected for presentation at Controlled release society 2009, Mumbai:

- 7) Formulation and evaluation of Taste masked fast disintegrating tablet of Donzepil Hydrochloride.
- 8) Participation in zonal level Avishkar 2024,2025 **University Research Project Competition for \ Post Graduate Students Under Medicine and Pharmacy.**
- 9) Participation in Unlocking Horizons in Global Multidisciplinary Healthcare Research, Indo US International conference organised by MCOP Nigidi pune in collaboration with APP on dated 12march 2025
- 10) Participation and won 3rd prize in National e-poster competition on topic Nanomedicine held on 25th sept 2025 organised by AIMS College of pharmacy, Vadvaloi, Dombivli (E).

INHOUSE PROJECT: 02

SPONSORED PROJECT: 01

INDUSTRY PROJECT: 01

CONSULTANCY: 01

PROJECT GUIDE OF B-PHARM STUDENT FOR REVIEW & RESEARCH: 40

CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED:

1. Attended Regulations and Innovation Landscapes of Profession of Pharmaceutical Business in N.D.M.V.P's college of pharmacy Nashik, 2009.
2. Attended Young Researchers Conference held in UICT-Mumbai, 2009.
3. Attended Anant Pharma National Poster presentation Competition held in Bhor, 2009.
4. Attended One day IPA Model Lecture Series in pharmaceuticals jointly organized by Indian Pharmaceutical Association, pune branch and M.C.E. Society's Allana College of Pharmacy. 24th Dec 2011.
5. Attended One day IPA Model Lecture Series in pharmaceuticals jointly organized by Indian Pharmaceutical Association, pune branch and A.I.S.S.M.S College of pharmacy. 26th Dec 2011.
6. Attended Two days' national level seminar on pharmaceutical research Regulation practice and more Sponsored by university of pune and organised by P, E, S. Modern college of pharmacy Nigdi Pune. 28th & 29th Jan 2012.
7. AICTE sponsored Faculty Development Programme on Innovations in pharmaceutical teaching & Research organized by SGRS College of pharmacy Saswad 15th April-27th April 2013.
8. 19th Annual National convention of Association of Pharmaceutical Teachers of India" APTICON on 28th, 29th & 30th November, 2014
9. AICTE Sponsored Two Day National conference on Quality by design in pharmaceuticals organized by Dr.D.Y. Patil Pratishthan" s Padmasashree Dr.D.Y. Patil College of pharmacy Akurdi. 16th & 17th July 2015.
10. Participated SPPPU Sponsored One Day State Level Seminar Insights on Different Funding Agencies and Research Proposal Writing organized by AISSMS College of Pharmacy Pune on 31st Jan 2017.
11. Participated SPPPU Sponsored Two Day National Level Seminar Insights of Accreditation Process for Affiliated colleges organized by AISSMS College of Pharmacy Pune on 6th & 7th Feb. 2018.
12. Participated SPPPU Sponsored Two Day National Level Seminar on InVitro-InVivo Correlation organized by AISSMS College of Pharmacy Pune on 17th & 18th Jan. 2019.

13. Shram Sadhana Bombay trusts institute of pharmacy (DTE CODE-5455) Organized 2-day national E-conference ON COVID-19: An Opportunity to make transformation in Pharmacy Field held on 27th & 28th June 2020. Approval from MSBTE Mumbai
14. Participation in AICTE Sponsored E-Conference titled Global Pharmaceutical challenges in drug development for treatment of cancer and their impact in Regulatory Management Organized by Konkan Gyanpeeth Rahul Dharkar College of pharmacy & Research institute Karjat on 25th to 27th July 2020.

WORKSHOPS / SEMINARS/REFRESHER COURSE ATTENDED:

1. Attending AISSMS College of Pharmacy the seminar on Advances in Texture Analysis Measurement Jointly Organized by AISSMS College of Pharmacy and Brookfield Ametek on 23rd September 2016.
2. Synapse 2016 Participate as a member for Venue arrangement and Audit committee in one Day State Level Poster Presentation Competition in UG/PG category held at AISSMS College of Pharmacy, Pune on 14th October 2016.
3. AICTE sponsored Faculty Development Programme on Innovations in pharmaceutical teaching & Research organized by SGRS College of pharmacy Saswad 15th April-27th April 2013.
4. Faculty Development Programme under UGC-Human Resources Development Centre Savitribai Phule Pune University organised. The course of soft skills for teacher's attainment from 04/09/2018 to 10/09/2018.
5. Faculty Development Program Registration under Swayam initiated by Government of India. The course Title industrial pharmacy I started from 22nd July to 22nd October 2019.
6. One-day Industrial visit & Training program entitled Instrumentation, Working and Application of Pharmaceutical Product Testing Equipment organised by Electrolab India. Pvt.Ltd. Mahape, Navi Mumbai. 15th March 2019.
7. e-Faculty Advancement Initiative, Theme: Road Ahead, Scope of Online Teaching Advancement attending and successfully completing a series of online training offered by Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central, conducted online between 26 to 29 of May 2020.
8. Sandip Foundation's, Sandip Institute of Technology & Research Centre, Nashik, participated and successfully completed One Week Online Faculty Development Programme on "Effective Proposal Writing for Research and Funding" organized by Department of Electronics & Telecommunication Engineering In association with IEEE Women in Engineering from 13th May to 18th May 2020.

9. Research Grant & Funding-A Guide to acquiring vitamin M a course of Study offered by Association of Pharmaceutical teacher in India conducted online by prof. Vandana Patravale on May 2020.
10. A Two Week Faculty Development Programme Pedagogy and Challenges in Pharmaceutical Research organized by MAHARAJAH, S College of Pharmacy Andhra Pradesh from 1/06/2020 to 12/06/2020.
11. Participation in one-week Online Faculty Development Program on “Promoting Quality Culture in Technical Institutions” Organized by Internal Quality Assurance Cell Under 'UGC Paramarsh Scheme' AISSMS College of Engineering pune from 25th to 29th May 2020.
12. Four Week Online Faculty Development Program (MOOC) on “Effective use of ICT tools in Teaching- Learning”. Jointly Organized by Modern College of Pharmacy, Nigdi Pune & Association of Pharmaceutical Teachers of INDIA on from 8th June to 7th July 2020.
13. Online Workshop on “Understanding Covid-19 & Methods of Prevention”. Organized by Dayanand College of Pharmacy on dated 5/02/2020.
- 14 Participated in the One-day webinar on “Enhancing Research Effectiveness using Scopus, Science direct and Mendeley ” for the Faculty of Universities/Colleges/Institutes organised by Faculty Development centre Kurukshetra university, Kurukshetra in collaboration with Elsevier (Under the Aegis of PMMMNMTT, MHRD, Govt. of India) on 01.05.2020.
15. Participated International Webinars under Faculty Development Program” Current Scenario: Pharmacy Practice & Technology” organized by AISSMS College of Pharmacy Pune from 17th June to 21st June 2020.
16. Promoting Quality Culture in Technical Institutions National webinar sponsored by UGC dated 25/05/2020
- 17 Faculty Development Program (MOOC) on “Effective use of ICT tools in Teaching-Learning National Modern College of Pharmacy, Nigdi Pune & Association with APTI dated 08/06/2020
- 18 Enhancing Research Effectiveness using Scopus, Science direct and Mendel National sponsored by PMMMNMTT, MHRD, Govt. of India dated 01/05/2020
19. Research Grant & Funding-A Guide to acquiring vitamin M National sponsored by Association of Pharmaceutical teacher in India dated 13/05/2020.
- 20 Attended webinar on Statistical Discovery for Teaching and Research State level organised by AISSMS College of pharmacy dated 09/05/2020.

21. International Webinar Series on Biologics: The Future of Therapeutics & Healthcare Management International organised by SCES INDIRA College of pharmacy dated 06/06/2020
22. Attended Workshop Research Methodology in Drug Discovery and life sciences International organised by school of pharmaceutical science at Sanjay Ghodawa
23. Attended webinar Writing for Grants and Ethics international organised by R.C. Patel, Institute of Pharmaceutical Education an in 05/06/2021
24. Attended faculty development program Innovation, Startup and Entrepreneurship 2Management National sponsored by AICTE dated 13/09/2021
- 25 Attended International Faculty development program Empowering Educators: Advancement in Technology, Research and Enterpreneurship organised by AISSMS College of pharmacy in Association with APTI held on 27th October 2023.
26. Attended an International webinar on Preclinical Animal Models Studying Neurological diseases organized by the Society of Pharmaceutical Sciences and Research on March 24, 2024.
27. Attended International webinar on Accreditation: The Bottom Line of Quality Discernment organized by the Society of Pharmaceutical Sciences and Research on April 7, 2024.
28. Completion of the two credit course in Research and Publication ethics UGC mandatory course with A Grade conducted by Centre for Publication Ethics, Savitribai Phule Pune University, Pune from 16th May 2025 to June 18th June 2025.
29. Participation and completed AICTE Training and Learning Academy Faculty Development Program IN Generative AI at AISSMS Polytechnic from 04.08.2025 to 09/08/2025.

Mr. Jitendra W Gajbe