



# MGM SCHOOL OF PHARMACY

(Constituent Unit of MGM Institute of Health Sciences

Deemed to be University u/s 3 of UGC Act 1956)

Grade 'A++' Accredited by NAAC

Plot no-01, Kamothe, Navi Mumbai – 410 209

Approved by PCI (Pharmacy Council of India)

Name of the Faculty: **Ms. Priyanka Ramrao Varade**

Designation: **Assistant Professor**

Date of Joining: 11 January 2024

Email ID: [priyankavarade53@gmail.com](mailto:priyankavarade53@gmail.com)

Contact No: 9922244854

## EDUCATIONAL QUALIFICATION:

Degree	Specializations	Awarding University	Awarded Year
Ph. D.	Pharmaceutical Chemistry	Savitribai Phule Pune University (SPPU)	Pursuing
M. Pharm	Pharmaceutical Chemistry	Savitribai Phule Pune University (SPPU)	2019
B. Pharm	Pharmacy	Savitribai Phule Pune University (SPPU)	2017

## PROFESSIONAL EXPERIENCE:

- ❖ Working as an Assistant professor from 11 January 2024 to present in MGM School of Pharmacy, Kamothe, Navi Mumbai – 410 209.
- ❖ Worked as Assistant Professor from 31 January 2022 to 10 January 2024 in St. Wilfred's Institute of Pharmacy, Shedung, Panvel -410 216.
- ❖ Worked as Assistant Professor (Approved Faculty- 210400006) from 25 November 2020 to 28 January 2022 in Alard College of Pharmacy, Pune - 411057.
- ❖ Worked as Assistant Professor from 17 June 2019 to 10 September 2020 in Shiva Trust's Gajanan Maharaj College of pharmacy, Aurangabad – 431001.
- ❖ Worked as Pharmacist in Pravara Rural Hospital, Pravanagar, Loni - 413736.

## TOTAL EXPERIENCE IN YEARS:

- ❖ Teaching: 6 Years
- ❖ Pharmacist: 1 Year

## PROFESSIONAL MEMBERSHIP:

- ❖ Registered pharmacist – Registered with Maharashtra State Pharmacy Council



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## COURSES TAUGHT:

Class	Semester	Subject code	Name of the subjects
First Year B Pharmacy	I	BP104T & BP110P	Pharmaceutical Inorganic Chemistry (TH & PR)
	II	BP202T, BP208P, BP203T & BP209P	Pharmaceutical Organic Chemistry-I (TH & PR) and Biochemistry (TH & PR)
Second Year B Pharmacy	III	BP301T & BP305P	Pharmaceutical Organic Chemistry-II (TH & PR)
	IV	BP401T & BP406P	Medicinal Chemistry- I (TH & PR)
Third Year B Pharmacy	V	BP501T & BP502T, BP506P	Medicinal Chemistry- II & Industrial Pharmacy-I (TH & PR)
	VI	BP601T, BP607P & BP606T	Medicinal Chemistry- III (TH & PR) & Quality Assurance (TH)
Final Year B Pharmacy	V	BP705P & BP706PS	Instrumental Methods of Analysis (PR) & Practice School
	VI	BP811ET	Advanced Instrumentation Techniques
First Year M. Pharm	I	MPC 101T & MPC 103T	Modern Pharmaceutical Analytical Techniques (TH) & Advanced Medicinal Chemistry

## RESEARCH STUDENTS GUIDED:

- ❖ B. Pharm: - 30

## AREA OF RESEARCH:

- ❖ Microwave based chemical synthesis and evaluation of novel anti-tubercular, anti-bacterial and anti-fungal agent.

## INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:



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- ❖ IQAC Coordinator
- ❖ First Year B. Pharmacy class Coordinator
- ❖ NAAC 4<sup>th</sup> criteria Head.

## ACHIEVEMENTS/AWARDS:

- ❖ Qualify "PET" Exam 2021.
- ❖ Design Innovation Centre Final Grade "O".
- ❖ Drug Regulatory Affairs 72%.
- ❖ MS-CIT with distinction 77%.

## PATENTS:

- ❖ "Modified Extraction Equipment" (Design Patent) UK, Design number: 6362939, Grant date: 08 May 2024, Registration date: 29 April 2024.
- ❖ "Microreactor for Nanoparticles Synthesis (Design Patent)" UK, Design number: 6344717, Grant date: 14 February 2024, Registration date: 05 February 2024.
- ❖ "Pharmaceutical Soxhlet Apparatus" Indian, Registration Dated: 02 February 2024
- ❖ "Computational methods in the inhibition of Acetylcholinesterase Receptor in Alzheimer's disease treatment using Piperazine acetamide dihydrochloride" Application Number: 202341002859, Published Date: 17 February 2023, Registration date: 13 January 2023.

## PUBLICATIONS:

- ❖ "Chaulmoogra Oil Nano emulsion and in Vitro Anti-Cancer Studies Using MCF 7 Cell Line" International Journal of Science and Research (IJSR), 13(1): 424-430.
- ❖ "Newer Green Chemistry Method for the Synthesis of Different Acetanilide Derivative from Anilines and their Comparative Analysis" International Journal of Innovative Research in Science, Engineering and Technology, 11(6): 7014-7020.
- ❖ "Quantitative estimation and validation of Dapagliflozin and Metformin hydrochloride in pharmaceutical dosage form by RP-HPLC Method" Asian Journal of Research in Chemistry, 12(3):1-7.



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- ❖ “Method development and validation of Irbesartan by RP-HPLC Method” Journal of Emerging Technologies and Innovative Research, 6(6):492-499.
- ❖ “Method Development and Validation of Irbesartan by RP-HPLC Method” Research Journal of Science and Technology, 12(2):131-135.
- ❖ “A review on estimation of Dapagliflozin and Metformin HCL in bulk & pharmaceutical dosage form” World Journal of Pharmaceutical Research, 7(19):431-441.
- ❖ “Phytosomes: An Advance Technique for Herbal Preparation” International Journal of Pharmaceutical Research, 3(1): 26-33.
- ❖ “Formulation and evaluation of Asparagus racemosus granules for determination of antioxidant activity” World Journal of Pharmaceutical Research, 11(4) 807-814.
- ❖ “Impact of Covid-19 on Human Life Style” World Journal of Pharmaceutical Research, 11(4) 1692-1698.
- ❖ “Standardized Assessment of Antioxidant Activity of Bitter Gourd (Momordica Charantia L.) By Using Different Solvents” International Journal of Research and Analytical Reviews (IJRAR) 10(1) 721-727.
- ❖ “Determination of Antioxidant Property of Ferula Asafoetida by Using Different Solvents” International Journal of Research and Analytical Reviews (IJRAR) 10(1) 301-307.
- ❖ “Microdosing (Phase 0 Studies): A Valuable Tool for Accelerating Drug Development” International Journal of Research and Analytical Reviews (IJRAR) 10(1) 642-648.
- ❖ “Development and Validation of UV-VIS Spectrophotometric Method of Cinacalcet Hydrochloride by Using Forced Degradation Studies” International Journal of All Research Education and Scientific Methods (IJARESM), 11(6) 2476-2482.

## PRESENTATIONS:

- ❖ Poster Presentation at National Level – Topic “Quantification, method development and validation for impurity profiling” in D Y Patil University School of Pharmacy, Navi Mumbai.





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- ❖ Participated in Avishkar 2017 to zonal level research competition “Formulation and evaluation of ficusbenghalensis for anti-diabetic activity”.

## SEMINARS/ WORKSHOPS/ CONFERENCES/ SYMPOSIUM/

### WEBINARS:

- ❖ Two days national level seminar on “The recent advances in therapeutic equivalence evaluation and drug approval process in India”.
- ❖ Two days state level seminar done “New Approaches in Herbal Drug Standardization”.
- ❖ 28 days industry training completed in advanced enzymes Technology's Ltd.
- ❖ Two days National Level Seminar on “Green Chemistry Roll in Environmental Protection”.
- ❖ Two days national conference on “Resent Innovation in Pharmaceutical Sciences” and present a poster entitled “Design, Synthesis & Biological Evaluation of Anti-cancer Activity of Thiazole Sub. Phenothiazine Derivatives”.
- ❖ Two days national level seminar on “current prospect of herbal nutraceutical as a functional food and diaterysuppliment” and present a paper entitled “Quantitative estimation and validation of Dapagliflozin and Metformin Hydrochloride in pharmaceutical dosage form by RP-HPLC”.
- ❖ One day national level seminar on “Implementation of National Education Policy (NEP) – 2020”.
- ❖ One –week online STTP “Role of Regulatory Affairs in Pharmaceutical industry: Current Trends & Future Perspectives”.
- ❖ One day national level webinar on “Research & development in pharmaceutical industry”.
- ❖ Independence Day quiz competition.
- ❖ 32<sup>nd</sup> SPSR Webinar on “From lab to life: Unraveling Chemotherapy- Induced Neuropathic pain with cutting – Edge animal models”.
- ❖ NBEMS CPR Awareness Programme 2023.
- ❖ One day online national level seminar on “Commercial product development in academic institute”.



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- ❖ Webinar on "Contributions of Women in the Evolution of Indian Pharma Sector" organised by APTI Womens' Forum Western Zone.
- ❖ Webinar on Outcome Based Education held on 22nd September 2023 organized by Chhatrapati Shivaji Maharaj Institute of Technology.
- ❖ 30<sup>th</sup> SPSR webinar on “Attaining intelligence: The pharma perspective” organized by society of pharmaceutical and research (SPSR).
- ❖ 31<sup>st</sup> SPSR webinar on “Cancer Drug Discovery: A molecular Journey to Targeted Treatment” organized by society of pharmaceutical and research (SPSR).
- ❖ Alumni Power Talk Series on Topic “Decentralized Clinical Trials and Cancer Scope in UK”.
- ❖ “Designing Course Outcome focused Questions” organized by MGMIHS.
- ❖ IP Awareness/Training program under “National Intellectual Property Awareness Mission” organized by Intellectual Property Office, India.
- ❖ e-FDP “Role of National Education Policy for National Development”.

## BOOKS / MONOGRAPHS:

- ❖ “Pharmaceutical Organic Chemistry-III” (Third year B. Pharmacy sem. V) book has been published in Pritam Publication.
- ❖ “Pharmaceutical Quality Assurance Practical I” First Year M. Pharm. - Pharmaceutical Quality Assurance/ Quality Assurance (Sem – I).
- ❖ “Pharmaceutical Chemistry” First Year Diploma.
- ❖ Wrote a chapter on “Antibiotic Drugs in Fundamentals of Pharmacology”- Pharmacology Reference Book.
- ❖ “Medicinal Chemistry-II” book has been accepted in Pritam Publication.
- ❖ Biochemistry Second Year D. Pharm Book communicated.

## FACULTY DEVELOPMENT PROGRAMME:

- ❖ National level faculty development program on “Various facets of quality in pharmaceutical industry”.
- ❖ Online faculty development program on “Emerging Trends in Pharmaceutical Research”.
- ❖ One day national level webinar on “NAAC-Roadmap for quality sustenance in higher education institutions”.



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- ❖ Two days faculty development program on "Orientation on SYD Pharmacy syllabi on ER-2020".
- ❖ National faculty development program on Strengthen marginal: Reconcile the latest and enactment in pharmaceutical sciences Theme: "Improving boundaries between and implementation in pharmaceutical sciences".
- ❖ "NAAC CRITERIAS" organised by Chhatrapati Shivaji Maharaj Institute of Technology, Panvel.
- ❖ Designing, mapping and assessing Educational Outcomes -"Designing E-content using CANVA" program organized by University IQAC, MGMIHS.

