

CURRICULUM VITAE

Name: Dr. Monica RP Rao

Designation: Associate Professor,
Department of Pharmaceutics

Qualifications: M. Pharm, Ph.D. [Pharmaceutics]

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PROFESSIONAL EXPERIENCE: 26 years teaching experience and currently working as Associate Professor at AISSMS College of Pharmacy, Pune

➤ **Reviewer for International and National journals:**

- Drug Development & Industrial Pharmacy
- Food Hydrocolloids
- Indian Journal of Pharmaceutical Sciences
- AAPS PharmSciTech

PUBLICATIONS:

- ❖ REVIEWS: 11
- ❖ NATIONAL & INTERNATIONAL RESEARCH PUBLICATIONS: 72
- ❖ hindex - 19
- ❖ i10 Index - 34
- ❖ No of Citations – 1349 (as on 28.12.2023)

AREAS OF INTEREST:

Solubility enhancement

Self nano emulsifying drug delivery

Nanosponges

Novel drug delivery systems

M. PHARM STUDENTS GUIDED: 71

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BOOKS AUTHORED:

PUBLICATION OF INVITED CHAPTER:

- Rao MRP, Deepa Warriar, AR Madgulkar. (2014) “Characterization of Psyllium (*Plantago ovata*) Polysaccharide and Its Uses” in ‘Polysaccharides” Bioactivity and Biotechnology’, **Eds:** Jean-Michelle Merillon & Prof. Kishan G Ramavat, Springer International Publishing, Switzerland, **DOI: 10.1007/978-3-319-03751-6_49-1.** [ISBN: 978-3-319-03751-6]
- Rao M.R.P., Ghadge, I., Kulkarni, S., R. Madgulkar, A. (2023). Importance of Plant Secondary Metabolites in Modern Therapy. In: Méron, JM., Ramawat, K.G. (eds) Plant Specialized Metabolites. Reference Series in Phytochemistry. Springer, Cham. **https://doi.org/10.1007/978-3-031-30037-0_5-1.** [Print ISBN978-3-031-30037-0, Online ISBN978-3-031-30037-0]

PROFESSIONAL AFFILIATIONS:

- ❖ Registered Member: Maharashtra State Pharmacy Council
- ❖ Life Member: Association of Pharmacy Teachers of India
- ❖ Member of Controlled Release Society-India Chapter

PROJECTS HANDLED/GRANTS RECEIVED:

- ❖ No. of In house Projects: 06
- ❖ No. of Funded Research Projects (University/Industry): 03

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- ❖ In Charge-Training and Placement for B Pharm & M Pharm
- ❖ Member- Internal Quality Assurance Cell
- ❖ Member- Steering Committee and Governance Committee under NAAC
- ❖ Member- Organizing Committee- SYNAPSE
- ❖ Completed University of Pune sponsored research projects
- ❖ Coordinated various state and national level seminars and workshops.

❖ AWARDS/ACHIEVEMENT/MEDALS:

- ❖ Best poster titled ‘Thermoreversible nasal gels for Parkinsonism’ at 6th Symposium of Indian Pharmaceutical Association on ‘Nasal and Pulmonary Drug Delivery: Global Trends’ 24-25th October, 2013 at Mumbai.

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- ❖ Guided M Pharm student Mr. Abhijit Valvi who secured **first position** at E-poster presentation competition for project titled "**Mucoadhesive vaginal tablets of clotrimazole by using liquisolid technique**" held at National workshop on - "Exploring the current advancement in chromatographic techniques Dr.D.Y Patil institute of Pharmaceutical Sciences and Research on 17th and 18th January 2020.
 - Delivered lecture on "**Scientific writing- Ideation to publication**" as **resource person** at SPPU sponsored **National Seminar** on 'Art of Scientific Writing and Publication / Role Of Research Proposal In Scientific Investigations' at DY Patil College of Pharmacy, Akurdi,Pune on **15th -16th February 2019**.
 - Invited as resource person for '**Syllabus Orientation**' workshop for the subject Physical Pharmaceutics I by organized by Modern College of pharmacy, Nigdi under the aegis of Board of Studies (Pharmaceutics), **SPPU on 10.07.2020**.
 - Delivered lecture on "**Scientific writing- Ideation to publication**" as **resource person** at **National online conference** on 'Recent landscapes in Research and Development' at Arvind Gavali College of Pharmacy, Satara on **15th January 2022**.
 - Delivered lecture on '**Diffusion and its significance in pharmaceutical systems**' at **Modern College of Pharmacy, Nigdi** on **5th May 2022** for B Pharm and M Pharm students.
 - Delivered lecture on '**Role of HLB in formulation of pharmaceuticals**', **Shree Santkrupa College of Pharmacy, Ghogaon, Karad** on **21st December 2022** for B Pharm.
- * Recently published a book "**Blissful Ruminations**" published by Bluerose One Publications which has anecdotes from her childhood and adulthood.

Dr. Monica RP Rao