

Faculty Details:

Faculty Name: **Dr. Ramesh M**
Designation: Professor
Qualifications: B. Pharma., M. Pharma.; Ph.D. (MedChem)
Post-Doctoral Fellow (Pharmaceutical Sciences)
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**BIO:**

Dr. Ramesh is ambitious and always looks for innovations in integrated drug discovery & development. He acquired his Ph.D. in pharmaceutical sciences specializing in medicinal chemistry from the National Institute of Pharmaceutical Education and Research (NIPER), Mohali. Further, he gained post-doctoral research experience from UKZN, Durban, South Africa. During his research career, he worked on a challenging industrial project entitled “Drug Metabolism and Disposition” sponsored by Eli Lilly, Indianapolis, USA. He has professional experience in post-doctoral research, industry, and academics. The main area of his research is focused on optimizing pharmacodynamics and pharmacokinetics (ADMET) profiles of therapeutically important molecules using sophisticated drug discovery techniques and tools. The outcome of his research work has been published in several high-impact international journals. The H-index of his profile is 21.

Qualification:

1. B. Pharmacy
2. M. Pharmacy
3. Ph.D.
4. Others: (i) Post-Graduate Diploma in Computer Applications (ii) Master in Data Science

Paper/Book/Book Chapter Publications details:

1. International Journals: 47
2. International Conferences: 14
3. Book (Chapter (National/International): 10
4. Awards (Chapter (National/International): 03

Area Research Work:

1. Drug metabolism and disposition
2. ADMET optimization
3. Design and synthesis of potential small molecules for the therapeutic targets
4. Computer-aided drug discovery
5. Analytical method development & validation, etc.

Experience:

1. Post-Doctoral Fellowships: 03 years
2. Industry: 03 years

3. Academics: 08 years

4. Doctoral Research: 4 Years 3 Months

Subjects:

The subjects in the departments of 1. Medicinal chemistry 2. Pharmaceutical chemistry 3. Pharmaceutical quality assurance 4. Pharmaceutics were handled.