

Mr. Pillappan Ramkumar

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25+ years of experience in Industry & Academia

Profile Summary

- Ph.D & M.Pharm. (Pharmaceutics) with experience in
- Professor, Dept. Pharmaceutics, NGSM Inst. Pharmaceutical Sciences, Mangalore
- Consultant – Product development, Strategy Management
- Drug Information and Regulatory Compliance of e-Pharma
- Served as R&D Head, developing successful pharmaceutical products along with life-cycle enhancement of existing products
- Bio-Equivalence Studies of Complex Generics & Successful development of Pharmaceuticals for USA and other countries
- Developing non-infringing generics; have an ability to identify critical parameters in innovator's patents including product design, BE and dissolution prediction
- Expertise in applied research for Herbal products with scientific validation of development & Mfg. process, product safety & efficacy
- Leadership, Problem solving and Inter-disciplinary approach to achieve organization goals

Academic & Manufacturing Experience

Mar 2023- till date: Professor, NGSM Institute of Pharmaceutical Sciences, Mangalore

Dec 2004-Sep 2008: International Medical University, Kuala Lumpur, Malaysia (Faculty)

Sep 1998 – Dec 2004: Manipal College of Pharmaceutical Sciences, Manipal (Senior Faculty)

Jan 1994 – Jul 1995 & Jun 1997 – Aug 1998: Dr. MGR Medical University (Faculty)

Jan 1993 – Jan 1994: The Madras Pharmaceuticals, Chennai (Production Chemist)

Apr 1992 – May 1992: Pharmafabricon, Madurai, Tamil Nadu (Quality Control)

Dr. Pillappan Ramkumar holds a Ph.D. in Formulations and Clinical Trials from Manipal University (2005), after completing M.Pharm. at Birla Institute of Technology, Ranchi (1997), B.Pharm. at Madurai Medical College (1992), and D.Pharm. at K.M. College of Pharmacy (1988). He also completed the Senior Management Program at IIM Nagpur (2022). His additional qualifications include Six Sigma Green Belt (ASQ India), PMP & Beyond (PMI Chennai Chapter), DPPM (IPER Pune), PGDCS (SSIL Madurai), SWIFT (NIIT Chennai), and English Type Writing certification (Directorate of Technical Education, Chennai).

Industrial Experience

Mar 2020 – Mar 2023: Zylan Pharma, Chennai – Consultancy (Roche India, KMS Health Care etc)

Apr 2018 – Feb 2020: Netmeds Pharma, Chennai – Vice President (Pharma Content & Catalogue)

Jul 2013 – May 2017: Fourrrts India Ltd, Chennai as Head – R&D (Formulations)

Oct 2008 – Jul 2013: Orchid Healthcare, Chennai as Research Scientist (US & Europe Market)

Key Result Areas

Dr. Ramkumar has handled pre-formulation, prototype development, stability studies, analytical validation, and end-to-end product development processes. He has also led bio-strategy initiatives through patent analysis and developed innovative, patentable process parameters for solid dosage formulations. Dr. Ramkumar has designed strategies for Bio-Equivalence study success and guided teams in project execution. He has also executed complex research projects addressing technical and regulatory requirements for USFDA and global markets. He has managed documentation, regulatory interactions, QbD-based formulation design, and cross-functional coordination. Dr. Ramkumar has also contributed to controlled-release, delayed-release, and nutraceutical product innovations ensuring quality and patient compliance.

Publications & Affiliations

Dr. Ramkumar also has published various prestigious journals such as Annales Pharmaceutiques Françaises, World Journal of Pharmaceutical Research, International Journal for Pharmaceutical Research, Indian Journal of Dental Research, and The Royal Society of Chemistry. He is also a life member of Indian Pharmaceutical Association, Mumbai, Indian Society of Technical Education, New Delhi and Association of Pharmaceutical Teachers of India

Patents

1. Application number 202341078762 Title: Insect repellent formulation using Premna serratifolia.
2. Application number Temp/E-1/29874/2025-CHE Title: Formulation of fucoidan based nanoparticles of lutein and demonstration of its effectiveness in breast cancer cell line

Skills Acquired

1. Creating e-Learning Modules for student self-learning
2. Guiding innovative research projects in formulation development, QA & RA.
3. Motivational speaker
4. Startup – Incubation expertise
5. Nutraceuticals & Organic farming initiatives
6. Marketing & Project Management