



Dr.CHINTHALA RAVIKANTH, M.Pharm., Ph.D.

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Dr. Chinthala Ravikanth is an Assistant Professor at Palamuru University, Mahabubnagar, with over 13 years of academic experience. He holds a Ph.D. in Pharmaceutical Sciences from Osmania University, Hyderabad, India (2022) and a Master's degree in Pharmacology from Kakatiya University, Warangal, India (2009). Throughout his career, he has taught subjects such as Pharmacotherapeutics, Clinical Pharmacy, Pharmacology, and Anatomy & Physiology, and has supervised several M.Pharm. student research projects. His research focuses on enhancing the bioavailability of curcumin through beta-carotene nanoparticles for the treatment of cancer and diabetes, with additional work in drug-drug interactions, pharmacokinetics, and phytochemical isolation. He has experience handling laboratory animals (mice, rats, guinea pigs, and rabbits). He has published numerous research articles in well-regarded journals and has participated in various international and national conferences, particularly in the fields of drug discovery, pharmacokinetics, and artificial intelligence in pharmacy. He is committed to furthering his research and contributing to the growth of the pharmaceutical sciences in academic settings. His research interests lie primarily in the areas of pharmacology, drug delivery systems, and pharmacokinetics. He is particularly focused on improving the bioavailability of bioactive compounds, to enhance the therapeutic efficacy of natural compounds, exploring their potential to treat chronic diseases such as cancer and diabetes. He is also interested in drug-drug interactions, population pharmacokinetics, and phytochemistry, with particular attention to the isolation of novel compounds from natural sources and their subsequent pharmacological evaluation. His interdisciplinary research integrates nanoformulation techniques, pharmacological screening, and preclinical animal studies to address unmet medical needs. He is also exploring the role of artificial intelligence in drug design and personalized medicine, with an emphasis on leveraging computational tools to optimize drug efficacy and safety profiles.

CURRICULUM VITAE



CHINTHALA RAVIKANTH
M.Pharm (Pharmacology)
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OBJECTIVE

Seeking a challenging position by utilizing my abilities developed through my hard work and Education with an opportunity for career growth based on my merit and to promote the growth of the organization.

STRENGTHS

- Strong work ethic and good interpersonal skills.
- Commitment, result oriented, hard working with a quest.
- Zeal to learn new technologies.
- Undertake challenging tasks.
- Ability to organize time and work effectively, independently and self-responsibly in a research team setting.
- Generic practical laboratory bench skills.
- Keenness to learn and adapt new techniques and approaches.

ACADEMIC QUALIFICATION

- **M. Pharm. (Pharmacology)** in 2009 from UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, KAKATIYA UNIVERSITY, WARANGAL – 76%
- **GATE Rank** 1482 and 92 percentile

- **B. Pharm.** in 2004 from UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, KAKATIYA UNIVERSITY, WARANGAL – 62%
- **Inter** in 1997 from Excellent Junior College, Khammam – 78%.
- **S.S.C** in 1995 from Kodada High School, Nalgonda – 85%

WORK EXPERIENCE

- Worked as a Business Development Officer in Zuventus Health care Ltd.(From 2005-2007)
- Worked as assistant professor in sreedatha institute of pharmacy Hyderabad from jan 2010 to dec 2010
- From December 2010 till date working as Academic consultant in college of pharmacy, Palamuru University. Mahabubnagar.

CAREER ACHIEVEMENTS

- Maintained distinction (75%) in my graduation.
- Secured 92 percentile (all India 1482 rank) in the GATE 2007 exam, a national level competitive entrance examination conducted by Govt. of India.
- Received AICTE fellowship during M.Pharmacy.

RESEARCH EXPERIENCE

- Undergone Industrial training for 45 days in B.L. PHARMA Ltd. in Hyderabad (May 1st – June 15th, 2004).
- One year research experience during M.Pharm project (Topic: Effect of verapamil on pharmacokinetics of pioglitazone in normal and diabetic rats)
- Associated with the research work on drug – drug interactions, Population pharmacokinetics, Aldose-reductase inhibitors from plants, Isolation of Phytochemicals from plants, , anticancer studies using cell lines and in different pharmacological screening works from the past 4 Years.

TECHNICAL SKILLS

- Experienced in isolation of novel compounds from natural sources using various techniques of column chromatography, TLC and HPLC
- Handling of instruments like HPTLC, HPLC, Autoanalyser, Colorimeter, UV-Visible double beam spectrophotometer, ELISA and Plethysmometer.

- Handling of animals like Rats, Mice, Rabbits, Guinea pigs and Frogs.

COMPUTER SKILLS

MS-OFFICE [Excel, Word and Power point], Browsing Internet and C-Language.

SOFTWARES

GraphPad Prism, Kinetica Software and Chem draw

CONFERENCES ATTENDED

- International Conference on Recent Advances in Drug Discovery, 22nd -24th Oct, 2010, University College of Pharmaceutical sciences, Kakatiya University, Warangal.
- Participated in APTICON – 2010, Hyderabad.
- National Conference on Drug discovery, 10th April, 2015, University College of Pharmaceutical sciences, Palamuru University, Mahabubnagar.

PUBLICATIONS

- CH. Ravikanth, A. Anil Kumar, V. UdayKiran, S. Prashanth, B. Madhu, Y. Narsimha Reddy. "Sensitive and Rapid HPLC Method for the Determination of Pioglitazone in Rat Serum". International journal of Pharmaceutical Sciences & Drug Research, 2011; 3(1): 38-41.
- CH. Ravikanth, G. Chaitanya, Y. Narsimha Reddy. Influence of verapamil on pharmacokinetics of pioglitazone in normal and diabetic rats. International journal of pharmaceutical Sciences and Research, 2013; 4(3):1022-1026.

PERSONAL PROFILE:

Date of Birth : 17/06/1980
Fathers name : Ch .Showry
Religion : Hindu
Nationality : Indian
Languages known : English, Hindi, Telugu
Permanent Address : Plot No: 25, Balaji Nagar
 Mahabubnagar
 Telangana-509001

DECLARATION

I hereby declare that the above information provided by me is true and accurate up to my knowledge.

Place: Mahabubnagar

(Ch.Ravikanth)