

CURRICULUM VITAE

Dr. Rama Devi Korn

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PROFESSIONAL LINKS

Google Scholar: <https://scholar.google.com/citations?user=MAvCquUAAAAJ&hl=en> Citations 28, h-index 4, i10-index 1

ResearchGate: <https://www.researchgate.net/profile/Korni-Ramadevi> Citations 14, h-index 2

Web of Science ResearcherID: AAO-8740-2020 Citations 11, h-index 2

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Vidwan ID: 449599

EDUCATIONAL QUALIFICATIONS

Qualification	Institution name	Specialization	Year of passing	Percentage/ CGPA
Ph. D.	Andhra University, Visakhapatnam	Pharmaceutical Technology	2019	---
M. Pharm.	Sri Venkateswara College of Pharmacy, Srikakulam	Pharmaceutical Technology	2010	8.87 CGPA
B. Pharm.	Andhra University, Visakhapatnam	---	2001	64.73%
Intermediate	BVK Junior College, Visakhapatnam	Biology, Physics Chemistry	1995	74.5%
X Class (CBSE)	BHPV Higher Secondary School, Visakhapatnam	---	1993	87.6%

WORK EXPERIENCE:

Teaching: 18 years, Industrial: 1 year 7 months

Employer	Designation	Duration
Raghu College of Pharmacy, Visakhapatnam	Professor	November 2022 to till date (1 year 3 months)
Raghu College of Pharmacy, Visakhapatnam	Associate Professor	June 2022 to October 2022 (5 months)
Viswanadha Institute of Pharmaceutical Sciences, Visakhapatnam	Associate Professor	January 2019 to May 2022 (3 years 5 months)
Yalamarty Pharmacy College, Visakhapatnam	Assistant Professor	June 2010 to December 2018 (8 years 7 months)
AQJ College of Pharmacy, Visakhapatnam	Assistant Professor	November 2007 to October 2008 (1 year)
Al-Ameer College of Engineering & Information Technology, Visakhapatnam	Assistant Professor	July 2004 to October 2007 (3 years and 4 months)
Sai Parenterals Pvt. Ltd., Hyderabad	Chemist	July 2002 to January 2004 (1 year 7 months)

SUBJECTS HANDLED

- **M. Pharm.** - Drug Delivery Systems, Regulatory Affairs, Advanced Biopharmaceutics & Pharmacokinetics, Computer Aided Drug Development, Product Formulation and Development
- **Pharm. D.** – Pharmaceutical Formulations, Biopharmaceutics & Pharmacokinetics
- **B. Pharm.** – Pharmaceutics I, Pathophysiology, Pharmacy, Physical Pharmaceutics I, Pharmaceutical Engineering, Physical Pharmaceutics II, Biopharmaceutics & Pharmacokinetics, Industrial Pharmacy – II, Novel Drug Delivery Systems, Pharmaceutical Product Development, Human Physiology, GMP & Validation, Hospital & Community Pharmacy
- **B. Tech. Biotechnology** - Fundamentals of Biology, Microbiology, Pharmaceutical Biotechnology, Instrumental Methods of Analysis

RESEARCH EXPERIENCE

- **Ph. D. project:** Approaches to Enhance Dissolution of Olanzapine - Cyclodextrin Complexation, Liquisolid Technique and Nanosuspension Technique
- **M. Pharm. project:** Evaluation of Cross linked Starch Urea – A New Modified Starch for Controlled Release of Glipizide
- Guiding B. Pharm. Projects of two batches and two M. Pharm. Projects.
- Guided B. Pharm. projects of seven batches.
- Guided twenty five M. Pharm. projects.

PUBLICATIONS

S. No.	Authors' names	Article name	Journal name & Publication details	Indexing, number of citations
1	Rama Devi Kornl, Chandra Sekhara Rao Gonugunta	Olanzapine liquisolid tablets using Kolliphor EL with improved flowability and bioavailability: in vitro and in vivo characterization	Turkish Journal of Pharmaceutical Sciences 2024, 21(1)	Scopus, Web of Science, PubMed
2	SVVNSM Lakshmi, Marepally Chandrika, Rebhaniboni Nandini, Mannava Naga Pavithra, Ramadevi Kornl, Jawed Ahsan	An Insight into the Traditional Uses, Phytoconstituents and Pharmacological Activities of The Genus Tylophora	Research Journal of Pharmacognosy 2024, 11(1), 71-108	Scopus, Google Scholar
3	Rama Devi Kornl, Tanuja Boddepalli, Jyotsna Elusuri, Jagadeesh Panda	Banana peel: A potential waste product with numerous pharmacological activities	GSCBiological and Pharmaceutical Sciences 2023, 23(02), 160-174	Google scholar, Crossref, ResearchGate
4	Prabhakar Vishvakarma, Raman Kumari, S. M. Vanmathi, Rama Devi Kornl, Vijeta Bhattacharya, Rajesh E. Jesudasan and Suraj Mandal	Oral delivery of peptide and protein therapeutics: Challenges and strategies	J. Exp. Zool. India 2023, 26(2), 2301-2310	Web of Science, Google Scholar (6)
5	Nayudu Teja, Suryam Gugulothu, SVVNSM Lakshmi, M. Bhavani Shankar, Ramadevi Kornl	Anthelmintic Activity And Insilico Study Of Phytoconstituents In Mirabilis Jalapa Root Extract	Journal of Pharmaceutical Negative Results 2022, 13(8), 3890-3895	Scopus
6	Kalyan Babu Killana, Rama Devi Killana	I-V simulation of amperometric biosensor in detection of cancer through cyclic voltammetry technique	IEEE Xplore 2022	Scopus
7	Ramadevi K, Susheela V,	Liquisolid Technique: An Approach to Enhance	Indian Journal of Pharmaceutical	Scopus, UGC,

	Chandra Sekhara Rao G, VijayaRatna J	the Dissolution Rate of Olanzapine	Sciences 2018, 80(6), 1003-1010	Web of Science (4) Google Scholar (11)
8	Ramadevi K, Appala Naidu P, Sherin Mon Babu, Ashok K, Varma P, Chandra Sekhara Rao G	Stevia leaf powder and clove oil as taste masking substances in the formulation of ondansetron oro dispersible tablets	International Journal of Advanced Pharmaceutics, 2016, 6(1), 50-54	Crossref Google Scholar
9	Ramadevi K, Swarupa K, Chandra Sekhara Rao G	Peanut oil as a low density material in the formulation of floating beads of ranitidine hydrochloride	World Journal of Pharmacy and Pharmaceutical Sciences, 2015, 4(8), 1357-1367	Google Scholar
10	Ramadevi K, Mahalakshmi Y, Susheela V, Santhosh Kumar T, Chandra Sekhara Rao G	Formulation and evaluation of olanzapine fast disintegrating tablets using coprocessed superdisintegrants	International Journal of Pharmaceutical Development and Technology, 2015, 5(1), 1-6	
11	G. Chandra Sekhara Rao, V. Srujana Rani, K. Ramadevi	Honey as a non-volatile solvent in the formulation of domperidone liquisolid tablets	The Indian Pharmacist, December 2014, Volume: XII, No. 06	
12	G. Chandra Sekhara Rao, K. Ramadevi, K. Sirisha	Effect of β -cyclodextrin on rheological properties of some viscosity modifiers	Indian Journal of Pharmaceutical Sciences, November-December 2014, 76(6), 545-548	Scopus, UGC, Web of Science (7) Google Scholar (6)
13	Ramadevi K, Sailaja R, Chandra Sekhara Rao G	Effect of hydrophilic polymers on efavirenz and β -cyclodextrin complexes	Pharma Science Monitor, Jul-Sep 2014, 5(3) Supl-1, 205-213	3.958 Google Scholar
14	Ramadevi K., Soujanya V, Chandra Sekhara Rao G	Formulation and evaluation of floating tablets of Ramipril	The Indian Pharmacist, January 2014, Volume: XI, No. 07, 31-35	
15	Ramadevi K, Padmavathi K, Sravani N, Chandra Sekhara	Formulation and evaluation of diclofenac sodium sustained release tablets using seed	International Journal of Biopharmaceutics, 2013, 4(2), 110-114	

	Rao G	powder of <i>Strychnos potatorum</i>		
16	Chandra Sekhara Rao G, Ramadevi K , Soujanya V, Prasad Ch	Formulation and evaluation of floating matrix tablets of ramipril using peanut husk powder	International Journal of Pharmaceutical Development and Technology, 2013, 3(2), 72-79	Google Scholar (5)
17	G. Chandra Sekhara Rao and K. Ramadevi	Qualification requirement for wholesale license	The Indian Pharmacist, August 2012, 20-21	
18	G. Chandra Sekhara Rao, K. Ramadevi , K. Yasodakrishna, G. V. Sampathkumar	Seed powder of the medicinal plant <i>Strychnos potatorum</i> as a promising emulsifying agent	The Indian Pharmacist, October 2011, 59-61	

- **Book chapter**

1. **Dr. Rama Devi Korni**, Dr. Chandra Sekhara Rao, “Enhancement of the dissolution rate of olanzapine by liquisolid technique”, in Recent Advances in Pharmaceutical Sciences, Volume 11, Innovare Academic Sciences Pvt. Ltd, 2023, 235 – 250.
2. **Dr. Korni Rama Devi**, Kudipudi Sai Aravind, Majji Akhil, Bora Thanmai Sree, “DOXYCYCLINE: A VALUABLE CURATIVE DRUG”, in Allopathic Drug Details, Volume-I, Academic Decipher Press, Accepted for publication.

- **Book**

1. Dr. GV. Radha, Dr. Santosh Kumar Chinnaiyan, Rozenna Nigar Osman, **Dr. Ramadevi Korni**, A complete companion for physical pharmaceuticals, First Edition, Bluerose Publishers Pvt. Ltd, 2022.

- **Patents**

1. “A pharmaceutical composition for oral in-situ gels of ranitidine” with German patent number 20 2023 106 668 on 08/01/24.
2. “A pharmaceutical composition for the controlled release of zafirlukast” with German patent number 20 2023 106 669 on 09/01/24.
3. “An Automatic Cosmetic Mixture Dispensing System with a Self-Cleaning Means and Method Thereof” with application number 202241069200 A, **Application in hearing.**
4. “Treating periodontal disease using herbal formulation” with application number 202241065537, **Published.**
5. “Tablet hardness testing device” with design number 377765-001, **Design Accepted and Published, Journal No is 11/2023 and Journal Date is 17/03/2023.**

DEVELOPMENT ACTIVITIES

- Experience in applying for DST WOS – A and MSME 3.0 Women Hackathon.
- Reviewed articles at Indian Journal of Pharmaceutical Sciences, International Journal of Pharmaceutical Sciences and Nanotechnology and book chapters at BP International.
- Adjudicator of scientific sessions in conferences conducted at GITAM School of Pharmacy, Raghu College of Pharmacy and Viswanadha Institute of Pharmaceutical sciences.
- Guest speaker for webinar on “Particle size reduction for enhancement of bioavailability” organized by Aditya Pharmacy College on 7th October 2023.
- Gave Guest Lecture on “Pharmacokinetics” at Yalamarty Pharmacy College on 14/09/23.
- Gave Guest Lecture on “Advanced Biopharmaceutics and Pharmacokinetics” at Shri Vishnu College of Pharmacy on 3rd March 2023.
- External examiner for MPharm practical end examinations of JNTUK, JNTUGV and SVCP (Autonomous).
- Evaluated theory papers of BPharm, MPharm and PharmD of JNTUK and SVCP (Autonomous).
- Question paper setter of BPharm of SVCP (Autonomous).
- Completed online Refresher Course on ‘Drug discovery and novel drug development – Analytical interpretation of research data’ held from 13th to 27th February 2023 with A grade.
- Completed ARPIT course in Online Refresher Course in Pharmacy for Higher Education with “A” grade.
- **Presented**
 1. Paper entitled “Effect of type of cyclodextrin and complexation method on solubility enhancement of olanzapine” in 3rd International Conference held at BVRIT on 4th and 5th November 2022.
 2. A paper entitled “Olanzapine – cyclodextrin complexation: Comparison of different methods of preparation” in the scientific poster session of 66th Indian Pharmaceutical Congress held at Hyderabad from 23rd to 25th January 2015.
- **Organized**
 1. Member of organizing committee of a one-day national seminar on Changing paradigm in pharmaceutical education and research from Indian perspective – NEP 2020 at Raghu College of Pharmacy on 23/9/23.
 2. Member of local organizing committee of a two-day international conference Challenges for academics in meeting the goals of novel innovations in pharmacy at Raghu College of Pharmacy on 10th and 11th February 2023.
 3. Guest lecture on Insight into manufacturing of parenterals at Raghu College of Pharmacy on 24th November 2022.
 4. Member of organizing committee of VISWANADHA’S PHARMOTSAV-2K19, two days’ national level technical and cultural fest held during 8th& 9th March 2019 at Viswanadha Institute of Pharmaceutical Sciences, Visakhapatnam.
 5. Member of organizing committee of BIOPHARMACON 2K7, a national seminar conducted at Al-Ameer College of Engineering & Information Technology in September 2007.

6. Member of organizing committee of ENVIRONMENTAL ISSUES – CERTAIN PROBLEMS & SOLUTIONS, a national workshop conducted at Al-Ameer College of Engineering & Information Technology in May 2005.

• **Participated**

1. In 23 e-FDPs and 35 webinars.
2. In two week FDP on BLOCK CHAIN TECHNOLOGY AND CYBER SECURITY organized by Viswanadha Institute of Technology and Management from 27th January to 7th February 2020.
3. In three days training on DRUG DISCOVERY, DESIGNING AND DEVELOPMENT held from 14th to 16th February 2019 at Viswanadha Institute of Pharmaceutical Sciences, Visakhapatnam.
4. In national seminar on RECENT ADVANCES IN DOSAGE FORM DESIGN AND THEIR IMPACT ON CLINICAL PHARMACY held on 14th July 2018 at AU College of Pharmaceutical Sciences, Visakhapatnam.
5. In the 19th Annual Convention and 2nd International Conference of Society of Pharmacognosy - 2015 held at AU College of Pharmaceutical Sciences, Visakhapatnam from 20th – 22nd March 2015.
6. In the one-day workshop on DATA ANALYSIS IN PHARMA RESEARCH conducted on 8th Jan 2011 in Yalamarty Pharmacy College, Visakhapatnam.

PROFESSIONAL MEMBERSHIPS/ CERTIFICATIONS

- Ratified as Associate Professor by Andhra University on 29/12/23.
- Registered pharmacist by Andhra Pradesh Pharmacy Council with certificate number 034423.
- Member of Association of Pharmaceutical Teachers of India with member ID AP/LM – 973.

ADMINISTRATIVE EXPERIENCE

- Currently HOD (Department of Pharmaceutical Technology); Training and Placement Officer; and incharge of criteria one of NAAC at Raghu College of Pharmacy.
- Incharge of Criteria three of NBA at Viswanadha Institute of Pharmaceutical Sciences.
- Incharge of Internal Examinations and was involved in admissions and inspections (PCI and AU) at Yalamarty Pharmacy College.

ACHIEVEMENTS

- Second prize winner of the online article writing competition conducted by Academic Decipher held on 18/7/23.

- Qualified GATE 2001, bearing All India Rank 1039.
- Secured second place in school in All India Secondary School Examination (Xth Class).

STRENGTHS

- Good interpersonal skills, ability to work in teams.
- Strong work commitment, dedication, and determination.

PERSONAL DETAILS

- Husband's name : Dr. K. Kalyan Babu
- Date of Birth : 9th November 1977
- Languages Known : English, Hindi, and Telugu
- Nationality : Indian