

RESUME

Name : **PRAMEELA RANI AVULA**

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EDUCATIONAL QUALIFICATIONS:

Examination	Institution	Board/University	Division	Percentage
PhD		JNT University		
Pre-PhD	KVSR Siddhartha college of Pharmacy	JNTU, Hyderabad	First	64%
M. Pharm	J.V.D. College of science & technology, Waltair	Andhra university	First	67%
B. Pharm	J.V.D. College of science & technology, Waltair	Andhra university	First	62%
Intermediate	K.V.R. College, Nandigama	Board of intermediate education	First	86%
S.S.C	Z.P.H.School, Nandigama	Board of secondary education	First	69%

Teaching experience : 24 years (UG + PG)
Present status : Principal & Professor,
Chairperson, Board of Studies in Pharmaceutical Sciences
University College of Pharmaceutical Sciences
Acharya Nagarjuna University
Nagarjuna Nagar, Guntur.

RESEARCH EXPERIENCE:

- Carried out the research work under the guidance of **Prof. K P R Chowdary**, AU and was awarded the Ph.D from JNTU, Hyderabad in the year 2005 and guiding Ph.D, M.Pharm and B. Pharm students in their project work.

Topic: Biotechnological Studies on Cyclodextrin Complexation for Enhancing the Bioavailability and for Obtaining Controlled Release of Insoluble drugs

REFRESHER COURSES ATTENDED:

- Attended the UGC sponsored refresher course in **pharmaceutical sciences** from 9th to 29th of Feb 2004 conducted at academic staff college, Andhra University and obtained 'A' grade proficiency certificate.

GUEST LECTURES:

- Delivered a guest lecture on **Pharmacy Profession and Its Scope** during one day seminar / work shop on "**Need based courses for the Krishna University**" held on 28th Aug 2008 in Machilipatnam organized by the Krishna University and Rotary club of Machilipatnam.

SEMINARS/CONFERENCES ATTENDED/ADJUDICATED:

- National seminar on **Modern Biology** conducted at Acharya Nagarjuna University during 28th – 30th of Dec 2002.
- National seminar on **Pharmaceutical research: present and future prospectives** conducted at Andhra University during 26th-27th of Sep 2003.
- **International Convention of APTI 2004** conducted at AU during 2nd- 3rd of Oct 2004.
- National seminar on "**Recent Advances in Pharmaceutical Sciences and Research**" conducted at Bapatla College of pharmacy, Bapatla on 17th sep 2005.
- **Indian Pharmaceutical Congress held at Hitex**, Hyderabad during 2nd – 4th Dec 2005.

- National conference on **Current Strategies in Pharmaceutical Education and Research** conducted at Sri Vishnu College of pharmacy, Bhimavaram during 24th and 25th Feb 2006.
- Pharmacy student's national conference on **Recent Trends in Pharmaceutical Sciences** conducted at Department of Pharmaceutical Sciences, Andhra University during 9th and 10th Jan 2007.
- Workshop on **teaching, experimental and research protocols** conducted at Sri Vishnu College of pharmacy, Bhimavaram in Jan 2007.
- AICTE sponsored national seminar on **Role of Nanotechnology in Drug Delivery and Drug Action** conducted at Bapatla College of pharmacy, Bapatla during 16th and 17th Nov 2007.
- National seminar on **Recent trends in Pharmaceutical technology** conducted at CHIPS Guntur on Nov 24th 2007.
- National seminar on **Pharmacy and Biotechnology Prospects and Perspectives** conducted at CHIPS Guntur during 6th and 7th Dec 2007.
- Participated and enacted as adjudicator for poster segment of one-day seminar on **Recent trends in pharmaceutical arena** held at chalapathi institute of pharmaceutical sciences, Guntur on 24th Dec 2008.
- Participated and enacted as adjudicator for oral session on **controlled drug delivery systems** in the seminar on **Recent trends in pharmaceutical technology** held at chalapathi institute of pharmaceutical sciences, Guntur on 27th Sep 2008.
- Participated and enacted as adjudicator for oral session on **Two day convention on current trends in pharmaceutical sciences** held at CHIPS, Guntur on 25th – 26th November 2009.

SEMINARS/CONFERENCES ORGANIZED

- UGC Sponsored Two Day National Seminar on ***“Innovative Research and Development in Pharmaceutical Sciences - Current Scenario and New Horizons”*** on 9th & 10th November 2012
- APSCHE Sponsored One day National Seminar on ***“Drug Regulatory Affairs and Quality Assurance”*** on 8th February 2013

MAJOR RESEARCH PROJECTS FUNDED BY

- **UGC – 1** (11 Lakhs sanctioned by UGC)
- **AICTE – 1** (15 Lakhs sanctioned by AICTE)

PROJECTS GUIDED

- Completed Ph.D projects - 2
- Ongoing Ph.D projects - 9
- M. Pharm Projects - 12
- B. Pharm Projects - 4

MEMBERSHIP WITH VARIOUS PROFESSIONAL BODIES

- **IPA** - Life member
- **APTI** - Life member

POSITIONS HOLDING AT ACHARYA NAGARJUNA UNIVERSITY

- Chair person, B.O.S in Pharmaceutical Sciences, A.N.U
- Member, Convocation committee, A.N.U
- Internal Subject Expert, Recruitment board, A.N.U
- Member & Convener, Inspection committee, A.N.U
- Member, Committee for Academic Exhibition , A.N.U
- Member, Center for Women studies, A.N.U
- Member, Hostel Advisory committee, A.N.U
- Member, All Official Committees, A.N.U

LIST OF RESEARCH/REVIEW PAPERS PRESENTED:

- Presented a scientific paper on **Estimation of sparfloxacin in bulk and dosage forms by microbiological method and spectrophotometric method** in the national seminar conducted at Acharya Nagarjuna University Aug 2003.
- Research paper presented on **Analytical method development for the estimation Gatifloxacin in bulk and in dosage forms** in the national seminar conducted at Andhra University Sep 2003 and won the first prize in the analytical chemistry scientific session.
- Paper presented as a part of UGC refresher course conducted at AU Feb 2004 on **Sparfloxacin- its estimation and its dissolution enhancement by cyclodextrin complexation.**

- Presented a paper on **Bioavailability of sparfloxacin – β CD tablets** at **APTI** convention Oct 2004.
- Presented paper on **Phase solubility and dissolution rate studies on Nimodipine – β CD complexes** at **APTI** convention Oct 2004.
- Presented paper on **Biopharmaceutical and Pharmacokinetic Studies on Cyclodextrin Complexed Sparfloxacin** at **57th IPC** (Indian Pharmaceutical Congress) held in 2005.
- Presented paper on **Evaluating a teacher – methods to improve teaching skills** at **57th IPC** held in 2005
- Presented paper on **Biopharmaceutical Studies on Nifedipine with Cyclodextrins** at **58th IPC** held in 2006.
- Presented paper on **Biopharmaceutical and Pharmacokinetic studies on Cyclodextrin complexed Nimodipine** at **58th IPC** held in 2006.
- Presented paper on **Formulation and Evaluation of Solid Dispersed Gliclazide Tablets** at **60th IPC** held in 2008.
- Presented 12 papers under my guidance at national seminar on “**Recent Advances in Pharmaceutical Sciences and Research**” conducted at Bapatla College of pharmacy at Bapatla on 17th sep 2005
- Presented 18 papers under my guidance at National conference on **Current Strategies in Pharmaceutical Education and Research** conducted at Sri Vishnu College of pharmacy Bhimavaram during 24th and 25th Feb 2006.
- Presented 8 papers under my guidance at Pharmacy student’s national conference on **Recent Trends in Pharmaceutical Sciences** conducted at department of pharmaceutical sciences, Andhra University during 9th and 10th Jan 2007.
- Presented 8 papers under my guidance at Workshop on **Teaching, Experimental and Research Protocols** conducted at Sri Vishnu College of pharmacy, Bhimavaram in Jan 2007.
- Presented 9 papers under my guidance at AICTE sponsored national seminar on **Role of Nanotechnology in Drug Delivery and Drug Action** conducted at Bapatla College of pharmacy, Bapatla during 16th and 17th Nov 2007.
- Presented 9 papers under my guidance at National seminar on **Recent trends in Pharmaceutical technology** conducted at CHIPS Guntur on Nov 24th 2007.

- Presented 9 papers under my guidance at National seminar on **Pharmacy and Biotechnology Prospects and Perspectives** conducted at CHIPS Guntur during 6th and 7th Dec 2007.
- Presented paper on **Formulation and evaluation of Cyclodextrin complexed Nateglinide tablets at 61st IPC** held in 2009
- Presented paper on **Formulation and evaluation of oro-dispersible Metformin tablets: A comparative study on Ischagula husk and crospovidone as superdisintegrants** at 61st IPC held in 2009.
- Presented paper on **Formulation and invitro evaluation of gastroretentive floating matrix tablets of Ciprofloxacin Hydrochloride** at 61st IPC held in 2009.
- S.A.Rahaman, A.Prameela Rani. **Antihistamic activity of newly synthesized novel pyrazolines.** 61st Indian Pharmaceutical Congress-2009.
- Presented a paper entitled **“Studies on enzymatic analysis of antipsychotic drug”** at International Symposium on “Emerging trends in biomedical and nanobiotechnology: Relevance to human health” (Dec-19th - 21st 2009) organized by Department of biotechnology, Acharya Nagarjuna University, Nagarjuna Nagar.
- Presented a paper entitled **“Spectrophotometric assay of antidiabetic drug in bulk and pharmaceutical formulations”** at National Seminar on “Current trends in bioprocess technology” (Feb-12th & 13th 2010) organized by Department of biotechnology, KLEF University, Vaddeswaram.
- A Prameela Rani, N Kanaka durga devi. **Age defying process using Hyaluronic acid** at National seminar on current trends in ecofriendly techniques of pharmaceutical processes for the new era. Oct.23th-24th; 2011; CHIPS, Guntur
- A Prameela Rani, N Kanaka durga devi. **Pharmacogenomic Approach: Paving the way for personalized drugs for Asthma** at National seminar on current trends in ecofriendly techniques of pharmaceutical processes for the new era. Oct.23th-24th; 2011; CHIPS, Guntur.
- A Prameela Rani, N Kanaka durga devi. **Aspirin Induced Asthma** at National seminar on current trends in ecofriendly techniques of pharmaceutical processes for the new era. Oct.23th-24th; 2011; CHIPS, Guntur.

- A Prameela Rani, N Kanaka durga devi. **Taste masking of ambroxol hydrochloride using ion exchange resins** at a symposium on Current Trends in Pharmaceutical Sciences. Nov.12; 2011; BITS PILANI-Hyderabad.
- A Prameela Rani, N Kanaka durga devi. **Formulation and Evaluation of hydrodynamically balanced system of Baclofen** at a symposium on Current Trends in Pharmaceutical Sciences. Nov.12; 2011; BITS PILANI-Hyderabad.
- A Prameela Rani, N Kanaka durga devi. **Screening and selection of overly expressed proteins in colon using Bioinformatics tools and TSAR software** at 63rd Indian Pharmaceutical Congress. Dec.16th-18th; 2011; Bengaluru.
- A Prameela Rani, N Kanaka durga devi. **Formulation and Evaluation of Montelukast sodium press coated tablets** at 63rd Indian Pharmaceutical Congress. Dec.16th-18th; 2011; Bengaluru.
- A Prameela Rani, N Kanaka durga devi. **Preparation and Evaluation of Combinational levocetirizine montelukast fast dissolving tablets** at 63rd Indian Pharmaceutical Congress. Dec.16th-18th; 2011; Bengaluru.
- P. Lavudu, C. Bala sekaran, A. Prameela Rani. **Quantitative determination of pramipexole dihydrochloride in bulk and pharmaceutical formulations by visible spectrophotometry** at National Seminar on Current trends in bioprocess technology. Nov-19th 2011 organized by Department of Chemistry, Acharya Nagarjuna University, Nagarjuna Nagar.
- P. Lavudu, C. Bala sekaran, A. Prameela Rani. **Analysis of pramipexole dihydrochloride by high performance liquid chromatographic method: development and validation** at National Seminar on “Current trends in bioprocess technology” (Nov-19th 2011) organized by Department of Chemistry, Acharya Nagarjuna University, Nagarjuna Nagar.
- Dr A Prameela Rani, Hema Veesam. Structure of Ninhydrin is crucial in the Design of New Therapeutics. MEDCHEM Congress. Feb.25-26, 2011 at NIPER Hyderabad, organized by IICT- NIPER-RSC.
- Dr A Prameela Rani, Hema Veesam. Formulation and Evaluation of Oxcarbazepine **conventional dosage form using mixed hydrotropic technique**. A SYMPOSIUM ON CURRENT TRENDS IN PHARMACEUTICAL SCIENCES. Nov.12, 2011 at BITS PILANI-Hyderabad. Organized by BITS.

- Dr A Prameela Rani, Hema Veeram. **Application of Response Surface Methodology in Formulation of Lamotrigine Conventional Dosage Form.** ASIAN FEDERATION FOR PHARMACEUTICAL SCIENCES CONFERENCE. Dec. 9-12, 2011 at Renaissance Hotel Kuala Lumpur, Malaysia. Organized by MSU, UNU-IIGH.
- A Prameela Rani, Hema Veeram. **Concept of Hydrotropic technique and characterization in solubility of Oxcarbazepine.** ASIAN FEDERATION FOR PHARMACEUTICAL SCIENCES CONFERENCE. Dec. 9-12, 2011 at Renaissance Hotel Kuala Lumpur, Malaysia. Organized by MSU, UNU-IIGH.

LIST OF RESEARCH/REVIEW PAPERS PUBLISHED:

1. **Aspirin – Not for headache alone**, The Antiseptic, vol 100 No.8, 2003.
2. **Probiotics: Amazing Bio-tonics of 21st century**, Pharma Review, Oct 2005.
3. **Biotechnological products – A boon to mankind**, Pharma Review, Oct 2005.
4. **Autoimmune disorders and their management**, The Indian pharmacist, Aug 2006.
5. **Immunotherapy of cancer**, Pharma Bioworld, Jul 2007.
6. **Hydrogel technology: A breakthrough in novel drug delivery development**, Pharma Buzz, Jun 2007.
7. **Alternative insulin delivery techniques: A Boon to diabetes**, Pharma Buzz, Jul 2007.
8. **Phase solubility studies on cox-2 inhibitors with β cyclodextrin**, Pharma Buzz, Aug 2007.
9. **Evaluation of Idealness of Omeprazole Formulation**, Pharma Buzz, Sep 2007.
10. **Invitro Evaluation of Glicazide Tablets**, Pharma Buzz, Feb 2008.
11. **Development and validation of spectrophotometric method for estimation of thyroxin sodium in bulk and in tablet dosage forms**, Journal of Pure and Applied Microbiology, Oct 2008.
12. **Spectrophotometric determination of thyroxine sodium with folin ciocalteau reagent in bulk and pharmaceutical formulations**, Biosciences Biotechnology and Research Asia, Dec 2008.
13. **Studies on Solid Dispersed Etoricoxib With Newer Carriers**, International Journal Of Chemical Sciences, Dec 2008.
14. **Cortisol- A Potential Physiological Regulator**, Pharma Buzz, Feb 2009.

15. **Effect of beta cyclodextrin complexation on the solubility and dissolution rate of etoricoxib from tablets**, Pharma Buzz, Mar 2009.
16. **Development of HPLC method for the determination of olanzapine in bulk and dosage forms**, International Journal of Pharmatech, vol 1, number 3, 2009.
17. **A validated RP-HPLC method for the determination of Perindopril Erbumine in pharmaceutical formulations**, International Journal of Pharmatech, vol 1, number 3, 2009.
18. **Quantitative Analysis of Nateglinide by High Pressure Liquid Chromatographic Method**, ultra journal of chemistry, vol5, number 2, 2009.
19. **Vis-Spectrophotometric Methods for the determination of Nateglinide**, International Journal of Chemical Science, vol 7, number 2, 2009.
20. **Spectrophotometric method for determination of sitagliptin phosphate in bulk and pharmaceutical formulation**, Acta Ciencia Indica, vol XXXV C, number 1, 2009.
21. **Determination of olanzapine in bulk and pharmaceutical dosage forms**, Acta Ciencia Indica , vol XXXV C, number 1, 2009.
22. **Development and statistical validation of spectrophotometric methods for the determination of ACE inhibitor in pharmaceutical formulation**, International Journal of Chemical Sciences, vol 7, number 2, 2009.
23. **Enzymatic methods for the determination of Perindopril Erbumine and Repaglinide in bulk and dosage forms**, Biomedical and Pharmacology Journal, vol 2, number 1, 2009.
24. **Phase solubility studies on oral antidiabetic drugs with β -cyclodextrin and HP- β cyclodextrin**, International Journal of Pharmatech Research, vol 1, number 4, 2009
25. **Formulation and evaluation of orodispersible metformin tablets: Effects of functionality of superdisintegrants**, Journal of Pharmaceutical Technology and Research, vol 1, number 1, 2009.
26. **Spectrophotometric determination of antipsychotic drug through diazo coupling**, Journal of Pharmaceutical Technology and Research, vol 1, number 1, 2009.
27. **Determination of Repaglinide in Pharmaceutical Formulations by RP-HPLC Method**, Journal of Applied Sciences Research, vol 5, number 10, 2009.
28. **Design and evaluation of solid dispersed glicazide tablets**, International journal of Chemical Science, vol 7, number 3, 2009.

29. **Phytochemical screening of oldenlandia umbellate**, International journal of Chemical Science, vol 7, number 3, 2009.
30. **Novel spectrophotometric method for the determination of nateglinide in pharmaceutical formulations**, Journal of Pharmaceutical Technology and Research, vol 1, number 2, 2009.
31. **Comparative in vitro evaluation of commercial montelukast sodium chewable tablets**, International journal of Chemical Science, vol 8, number 1, 2010.
32. **Validation of quantitative spectrophotometric methods for the determination of repaglinide in pharmaceutical formulations**, Journal of Pharmacy Research, vol 3, number 2, 2010.
33. **New RP-HPLC method for the analysis of montelukast sodium in pharmaceutical dosage forms**, International Journal of Chemtech Research, vol 2, number 1, 2010.
34. **Formulation and evaluation of montelukast sodium directly compressed fast dissolving tablets**, The Indian Pharmacist, vol VIII, number 10, 2010.
35. **Formulation and optimization of orodispersible tablets of olanzapine**, Research Journal of Pharmaceutical Science and Technology, vol 3, number 2, 2010.
36. **Studies on taste masking of levocetirizine dihydrochloride using ion-exchange resins**, Research Journal of Pharmaceutical, Biological and Chemical Sciences, vol 1, number 2, 2010.
37. **Formulation and evaluation of orodispersible metformin tablets: a comparative study on isphagula husk and crosspovidone as superdisintegrants**, International Journal of Applied Pharmaceutics, vol 2, issue 3, 2010.
38. **Formulation and evaluation of taste masked orodispersable tablets of montelukast sodium**, Indian drugs, November, 2010.
39. **Taste masking of maontelukast sodium by inclusion complex array with beta – cyclodextrins**, Journal of Pharmaceutical Technology and Research, vol 2, issue 1, 2010.
40. **Development and validation of extraction spectrophotometric methods for determination of perindopril erbumine**, Journal of Pharmaceutical Technology and Research, vol 2, issue 1, 2010.

41. **Preparation and characterization of zafirlukast-beta-cyclodextrin complexes using solid dispersion techniques**, International Journal of Pharmaceutical Sciences Review and Research, vol 4, issue 1, 2010.
42. **Zafirlukast-containing orodispersible tablets with improved dissolution rate by superdisintegrant polacrillin potassium, international journal of biomedical research and analysis**, vol 1, issue 1, 2010.
43. **Formulation and evaluation of taste masked orodispersible tablets of montelukast sodium**, Indian drugs, vol. 47, number. 11, 2010.
44. **Cyclodextrins in pharmacy-an over view**, Journal of Global Pharma Technology, vol. 2, number 11, 2010.
45. **Mouth dissolving tablets of zafirlukast by effervescent formulation approach**, Journal of Chemical and Pharmaceutical Sciences, vol. 3, issue 4, 2010.
46. **Formulation and evaluation of montelukast sodium chewable tablets by different techniques**, International Journal of Pharmaceutical Science and Biotechnology, vol. 1, issue. 1, 2010.
47. **Selection of overly expressed proteins from PDB using TSAR**, Journal of Pharmaceutical and Biomedical Sciences, vol. 1, issue. 1, 2010.
48. A Pameela Rani, N Kanaka durga devi. **Invitro Evaluation of microencapsulated monocytes**. *An International Journal of advances in Pharmaceutical sciences*. 1(2), 2010, 221-230.
49. P. Lavudu, C. Bala sekaran, N. Gayari, T. srinu, A. Pameela Rani. **Analysis of pramipexole dihydrochloride by vis-spectrophotometric methods: Development and Validation**. *Journal of Pharmacy Research*. 4 (5), 2011, 1493-1496. **(Impact factor: 1.09)**
50. S.A.Rahaman, Y.Rajendra Prasad, K.Phani Kumar, D.Hareesh and A.Pameela Rani. **Synthesis and in vitro antibacterial activity of some novel 2-amino-4,6-diaryl pyrimidine derivatives.**, *Journal of Sciences, Islamic Republic of Iran*. 22(1), 2011, 27-31. ISSN No. 1735- 0328 **(impact factor: 0.235)**
51. C.Balasekharan, A.Pameela Rani. **Development and validation of spectrophotometric method for the determination of DPP-4 inhibitor, sitagliptin, in its pharmaceutical preparations**. *Ecletica Quimica*. 35(3), 2010, 45-53. **(Impact Factor:0.165)**

APPROVED RESEARCH GUIDE/ EVALUATOR FOR:

- University College of Pharmaceutical Sciences, Acharya Nagarjuna University, Guntur.
- Department of Biotechnology, Acharya Nagarjuna University, Guntur.
- JNT University -Hyderabad, Kakinada, Anantapur.
- University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar.
- Center for Pharmaceutical Sciences, Berhampur University, Berhampur.
- School of Pharmaceutical Sciences, Sri Padmavathi Mahila viswa vidyalayam, Tirupathi.
- University College of Pharmaceutical Sciences, Andhra University, Waltair.

PAPER SETTER AND EVALUATOR FOR P.G AND U.G PHARMACY COURSES OF THE FOLLOWING UNIVERSITIES:

- Andhra University, Waltair
- Kakatiya University, Warangal.
- Mahila University, Tirupathi
- JNTU, Hyderabad, Kakinada, Anantapur
- Acharya Nagarjuna University, Guntur.
- SRM University, Chennai.
- Krishna University, Machilipatnam.
- Sri Krishna Devaraya University, Anantapur.
- KL University, Vijayawada.

The details furnished above are true to the best of my knowledge and belief.

Dr. A Prameela Rani