

## CIRRICULUM VITAE

**Dr. K.V. RATNAMALA**

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**Educational Qualification** : M.Pharm. (Pharm. Technology), Ph.D

**Academic Record** :

| Qualification   | Board/University   | Period of study | Marks  |
|---|--|-----------------|--------|
| Ph.D  | A.U college of Pharmaceutical sciences<br>Andhra University, Visakhapatnam | 2015            |        |
| M. Pharm  | A.U college of Pharmaceutical sciences<br>Andhra University, Visakhapatnam | 2007-09         | 9.73   |
| B. Pharm<br>(Shri Vishnu College of<br>Pharmacy, Bhimavaram)          | A.U college of Pharmaceutical sciences<br>Andhra University, Visakhapatnam | 2003-07         | 78.67% |
| Intermediate<br>(Vikas Mahila Kalasala,<br>Visakhapatnam)             | Board of Intermediate Education,<br>Hyderabad                              | 2000-02         | 90.80% |
| 10 <sup>th</sup> Class<br>(Sri Krishna Vidya<br>Mandir Visakhapatnam) | Central Board Of Secondary Education,<br>New Delhi                         | 1999-00         | 77.80% |

### **Book Published:**

Non Effervescent tablets of Cefuroxime Axetil- an Efficient Sustained Delivery for Cefuroxime Axetil, December 2017, published by Lambert Publication ISBN 9783330084919

### **Papers Published:**

1. Formulation and Evaluation of Bosentan Monohydrate Sustained Release Tablets Using Thermal Sintering Technique Am. J. PharmTech Res. 2020; 10(6), Pg 42-65, October 2020.
2. Formulation and evaluation of gastroretentive-mucoadhesive tablets of carvedilol International Journal for Innovative Research in Multidisciplinary Field, Volume - 6, Issue - 4, Apr 2020.
3. A Review Article on 3D Printing Technology in Pharmaceuticals International Journal for Research Trends and Innovation, Vol 5(3) Pg 63-76, March 2020.
4. Review on Instruments Used to Treat and Identify Cardiovascular Diseases, International Journal for Research Trends and Innovation, Vol 5(3) Pg 63-76, March 2020.
5. A Review on Benefits of Herbal Ingredients used in Sunscreen. American Journal of PharmTech Research Vol 9(6) Pg 77-88, October 2019

6. Formulation And Evaluation of Ropinirole Hydrochloride Buccal Tablets Journal of Emerging Technologies and Innovative Research ISSN-2349-5162 Volume.6, Issue 3, Page No Pp.520-536, March 2019
7. Modifiction of starch: a review of various techniques, International Journal of Research and Analytical Reviews E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.6, Issue 1, Page No Pp.32-45, January 2019
8. "Review article on artificial cardiac pacemaker & implantable cardioverter defibrillator", IJRAR - International Journal Of Research And Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.5, Issue 3, Page No Pp.509-524, August 2018
9. "Transdermal Drug Delivery System - Microneedles", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.5, Issue 3, Page No pp.664-684, August 2018
10. Review article on magnetic microspheres, International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol.5, Issue 9, page no. pp1055-1068, September-2018
11. Formulation and Evaluation of Naproxen Sodium Transdermal Patch Using Natural Polymers December 2017; IJPPR, Vol.:11, Issue: 1:160-176
12. Formulation and Evaluation of Metformin Hydrochloride Immediate Release Tablets by Using Low-Density Excipients December 2017; IJPPR, Vol.:11, Issue: 1:117-134
13. Formulation and Evaluation of Gastroretentive Bosentan Monohydrate Tablets Using Raft Technology December 2017; IJPPR, Vol.:11, Issue: 1:142-159
14. Formulation and Evaluation of Oseltamivir Phosphate Immediate Release Tablets by Using Compression Coating Technique November 2017; IJPPR, Vol.:10, Issue: 4: 248-264
15. An Integrated Approach For Psoriatic Arthritis Journal of Pharmacy Research June 2017;Vol.11, Issue 6:645-657
16. Cessation of Smoking By Nicotine Replacement Therapy Journal of Pharmacy Research May 2017;Vol.11, Issue 5:414-418
17. New Paradigms in Management and Treatment of Diabetic Macular Edema Journal of Pharmacy Research May 2017;Vol.11, Issue 5:574-585
18. Antimicrobial stewardship: A global threat Journal of Pharmacy Research May 2017;Vol.11, Issue 5:562-56621100854240
19. Formulation and Evaluation of Niosomal Cream Containing Dithranol January 2017;Vol.11, Issue 1:1-9
20. Formulation and Evaluation of Niacin Sustained Release Matrix Tablets September 2016; IJPPR, Vol.:7, Issue: 2: 70-85.
21. Formulation and evaluation of non effervescent floating tablets of cefuroxime axetil 01 July, 2015, IJPSR, Vol. 6(7): 1000-12.

#### **Papers Presented:**

- Formulation And Evaluation Of Sustained Release Matrix Tablets of Bosentan Monohydrate Using Thermal Sintering Technique Presented at International workshop on "Translational Research Strategies for Drug Discovery and Clinical

Development" organized by CRC Workshops held on 20-21 July 2019, in Hyderabad.

- “Gastric Floating Drug Delivery Systems of Metoprolol Succinate Using Non Effervescent and Effervescent Approaches - Design and Biopharmaceutical Evaluation” at AAPS-Pharmasci 360 held at Washington D.C, U.S.A in November 2018
- “Formulation and *invitro* evaluation of gastroretentive drug delivery of perindopril erbumine using raft approach” at 68<sup>th</sup> IPC Visakhapatnam, December 2016
- “Preparation and evaluation of dithranol loaded niosomes” at Andhra University, Visakhapatnam in National Seminar on “Emerging Technologies in Pharmaceutical Sciences and Practice” March 2009.
- “Role of bioconjugated nanoparticles in treatment of cancer” at Bapatla College of Pharmacy, Bapatla in “National Seminar on Role of Nanotechnology in Drug Delivery and Drug Action” November 2007.
- “Recent advances in taste masking of solid dosage forms” at Shri Vishnu College of Pharmacy, Bhimavaram in the National Seminar on “Recent Pharmaceutical Advances in Oral Solid Dosage Forms” October 2005.

**Conferences attended/Organized:**

- One Day International e-Symposium & Panel Discussion on the “Understanding IP for scientists and scholars”, organized by Poona College of Pharmacy, Pune & Sinhgad College Of Pharmacy, Pune on the Occasion of National Pharmacy Week 2020 on 30<sup>th</sup> November, 2020.
- Undergone training as NISP coordinator organized by MHRD innovation cell
- Three day online International STTP on Innovative Research Trends in Pharmaceutical Industry organized by Dept. of Pharmaceutics, Bapatla College of Pharmacy, Bapatla from 13<sup>th</sup> June to 15<sup>th</sup> June 2020
- An International webinar series PRAJWALA- Contemporary issues in Pharmaceutical regulatory affairs organized by department of pharma regulatory affairs, Hindu College of Pharmacy, Guntur from 25<sup>th</sup> to 28<sup>th</sup> June 2020.
- “Product Development In The Era of QbD & ICH Q8: A Primer For Academia” An Online Webinar organized by Vivekanand Education Society’s College of Pharmacy, Chembur, Mumbai between 3rd to 5th June, 2020.
- Design of Experiments organized by Vignan College of Pharmacy in collaboration with APTI from 30th May to 31st May -2020.
- Undergone training as innovation ambassador under MHRD innovation cell in May 2020
- Three-day INTERNATIONAL WEBINAR on QUALITY BY DESIGN organized by INNOVATION CELL of Bapatla College of Pharmacy in association with Indian Pharmaceutical Association-Education Division from 23rd May to 25th May -2020

- “Faculty Awareness Program on NAAC Accreditation” Organized by RD’s Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.
- “Pharmaceutical Education & Research Challenges for Emerging Prospects & Trends” ‘PERCEPT- 2020’ National Seminar on the Eve of Golden Jubilee Year of UCT and Silver Jubilee Year of Affiliation of Pharmacy Programs in Osmania University, Hyderabad In Association with Consortium of Affiliated College of Pharmacy, OU and Indian Pharmaceutical Association (IPA) – TS, 13th-14th March 2020
- Human genome project in drug discovery held at RBVRR Women’s college of Pharmacy, Hyderabad, August 2019
- International workshop on "Translational Research Strategies for Drug Discovery and Clinical Development" organized by CRC Workshops held on 20-21 July, 2019, in Hyderabad
- Recent Trends in Formulation Design and Bioanalytical Estimations held at RBVRR Women’s college of Pharmacy, Hyderabad, March 2019
- AAPS-Pharmasci 360 held at Washington D.C, U.S.A in November 2018
- 2<sup>nd</sup> Indo Malaysian conference held at RBVRR Women’s college of Pharmacy, Hyderabad, October 2018
- NFPS International summit 2018 organized by National forum of pharmacy students held at Secunderabad in August 2018
- Recent advances in dosage form design and impact on clinical pharmacy held at Andhra University, Visakhapatnam in July 2018
- National seminar on Genomics in Drug discovery held at RBVRR Women’s college of Pharmacy, Hyderabad, February 2018
- Recent advances in Pharmaceutical Industry and Drug development held at Centre for Pharmaceutical sciences, IST,JNTU, Kukatpally, Hyderabad in July 2017
- National seminar on Hyphenated Techniques in Pharmaceutical Research held at RBVRR Women’s college of Pharmacy, Hyderabad, February 2017
- 68<sup>th</sup> Indian Pharmaceutical Conference, held at Visakhapatnam, December 2016
- Two day National Workshop on Applications of advanced Analytical techniques in Pharmaceutical sciences and Nanotechnology held at Centre for Pharmaceutical sciences and Centre for Nanoscience and Technology, Institute of Science and Technology, Jawaharlal Nehru Technological University, Hyderabad, September 2016
- International symposium on Pharmacoeconomics and Pharmacogenomics in healthcare system held at RBVRR Women’s college of Pharmacy, Hyderabad, July 2016
- 3<sup>rd</sup> Indo-US conference on Nanotechnology and medicine : Challenges and Future opportunities held at RBVRR Women’s college of Pharmacy, Hyderabad, September 2015
- A two day work shop on Personalized medicine approaches in drug discovery and development held at RBVRR Women’s college of Pharmacy, Hyderabad, July 2015

- Indoglobal Healthcare Summit & Expo, July 2015
- 95<sup>th</sup> Indian science congress, held at Visakhapatnam, January 2008
- 57<sup>th</sup> Indian Pharmaceutical Conference, held at Hyderabad, December 2005

**Invited Talk:**

- Acted as a speaker for IIC session on national education and star up policy at R.B.V.R.R. Women's college of Pharmacy, Barkatpura, Hyderabad
- Acted as a speaker for International Conference on "Pharmacokinetics in Academics and Research" on 23<sup>rd</sup> and 24<sup>th</sup> September 2019 held at KL University, Vijayawada.

**Faculty Development Program:**

- Effective use of ICT tools in teaching and learning organized by Modren college of Pharmacy, Pune from 8<sup>th</sup> June to 7<sup>th</sup> July 2020
- One week online International FDP on Pharmaceutical education and Research organized by Bapla college of Pharmacy, Bapla from 13<sup>th</sup> to 18<sup>th</sup> May 2020.
- One-Week National Level e-Faculty Development Programme on "Redefining the Role of Educator in Covid-19 Outbreak Era" Jointly organized by Gujarat Technological University, Ahmedabad and Anand Pharmacy college, Anand, Gujarat during May 11-16, 2020.
- Two Day Online Workshop on "Online Tools & Software for Remote Teaching - Learning" held during 24<sup>th</sup> & 25<sup>th</sup> of April, 2020 organized by UGC-HRDC, JNTUH, Hyderabad
- Natco Sponsored FDP program on Modern Teaching Learning Techniques in Pharmaceutical sciences Hands on Experience from 17<sup>th</sup> to 31<sup>st</sup> Jan 2020 organized at RBVRR Women's College of Pharmacy
- Designing Learner-Centric MOOC course from IIT Bombay in September 2018.
- Completed a course of faculty development program conducted by IIT Bombay in year 2017.

**M. Pharm Projects Guided: 20**

**Industrial Experience:**

- M.Pharm project under the guidance of Prof. K.P.R. Chowdary at Therdose Pharma Pvt Ltd., Pragathi Nagar, Hyderabad from October 2008 to June 2009.
- One month industrial training at Actimus Biosciences Ltd., Visakhapatnam during May -June 2007 as part of B.Pharm Industrial Training Programme.

**Professional Experience:**

- Currently working as Associate Professor in R.B.V.R.R. Women's college of Pharmacy, Barkatpura, Hyderabad from February 2010.

- Acting as IIC Convener and NISP co coordinator for R.B.V.R.R.Women's college of Pharmacy, Barkatpura, Hyderabad
- Worked as a lecturer for D.Pharm in M.R.College of Pharmacy, Vizianagaram, for a period of 6 months from June 2007 to November 2007.

**Achievements:**

- Awarded best poster for the poster Formulation And Evaluation Of Sustained Release Matrix Tablets of Bosentan Monohydrate Using Thermal Sintering Technique at International workshop on "Translational Research Strategies for Drug Discovery and Clinical Development" organized by CRC Workshops held on 20-21 July, in Hyderabad
- Awarded second place in poster presentation for the poster entitled "Formulation and *invitro* evaluation of gastroretentive drug delivery of perindopril erbumine using raft approach" at 68<sup>th</sup> IPC Visakhapatnam, December 2016
- Awarded gold medal for best performance in first three years of academics by Shri Vishnu College of Pharmacy, Bhimavaram.
- Stood University Second during B.Pharm.

**Personal Details:**

Father's Name : Prof. K.V. Ramana Murthy  
Mother's Name : Smt. K. Satya Vani  
Date of Birth : 14-06-1985  
Sex : Female  
Nationality /Religion : Indian/Hindu  
Marital Status : Married  
Languages Known : English, Telugu & Hindi

**(Dr. K.V. RATNAMALA)**