



Dr.G. UMA RANI,M.Pharm, PhD

Associate Professor

RBVRR womens college of pharmacy

Barkatpura,Hyderabad

Currently working as Associate professor. Total 13 yrs 6 months academic and industrial experience.

Life member of APTI, 11 research and review papers published in national and international level, 10 papers presented in various national and international levels conferences, attended more than 30 Conferences and seminars, guided 12 PG students.

Research Areas of interest are gastro retentive technologies for targeting drugs in stomach, herbal drug delivery system, and nasal drug delivery systems.

ACADEMICS:

- **Ph.D.** in pharmaceutics from Institute of pharmaceutical technology, Sri Padmavathi Mahila University, Tirupati titled “**Design and evaluation of Gastro retentive drug delivery systems containing selected drugs**”
- **GATE Percentile : 90.69**
- **Projects guided PG students : 12**
- **Industrial experience:** M.Pharmacy project work done at Dr.Reddys laboratories
- “Preformulation studies on **Palonosetron hydrochloride injection and on Phospholipids used for Nanoemulsion**” in cyto lab, NCE –IPDO, Dr.Reddys Laboratories Ltd. Bachupally, Hyderabad, under esteemed guidance of Chandra sekhar, Associate Director, Oncology, and Dr.R.Nagaraju, professor,spmvv Tirupati
- Undergone Industrial training for 45 days in S.R Drugs private Ltd , in Patancheru Hyderabad as part of Pharmacy curriculum

Publications

1. Review of herbal niosomes", v.swetha,dr.g.uma rani,international journal of science & engineering development research vol.5, issue 3, page no.83 - 87, march-2020 ,Impact factor - 4.39
2. Review of herbal paste for wound healing,g.umarani ,b.greeshma paul,ijpra,vol 5 issue 2,2020 –sjif factor -6.79
3. Over view of traditional herbal remedies for primary health care u. Abhinaya and g. Uma rani*ijrpc 2019, 9(4), 215-225-global **impact factor**: 0.510 .
4. Development and characterization of gastro retentive in situ gel of ziprasidone hydrochloride,uma rani gandi^{1*}, R.nagaraju²
¹r.b.v.r.r. Women's college of pharmacy, barkatpura, hyderabad, telangana
²sri padmavathi mahila university, tirupathi.
Int. J. Cur. Tren. Pharm. Res., 2018, 6(5) sjif rank -6.143
5. Formulation and Evaluation of Repaglinide Insitu gel”,International Journal of Current Trends in Pharmaceutical Research, 2018, 6(3): 82-89
6. “Developmentof odt of atorvastatin calcium β cyclodextrin complex” ,indoamerican journalofpharmaceutical research,vol6,issue 12 ,2016
7. “Formulation and evaluation of floating microbaloons of repaglinide” ,world journalof pharmaceutical research vol 5 issue 9 ,2016
8. studies on pharmacodynamic drug interactions between sitagliptin and emtricitabine in normal and diabetic rats,int.j.pharm.sci.res.rev,3691 jan feb 2016
9. “A review on approaches of floating microbaloons” “in world journal of pharmaceutical research ,vol 4,issue 12,2015
10. “Effect of emtricitabine on pharmacokinetics of sitagliptin in diabetic rabbits” ,International journal of pharmacy and technology dec 2015,vol 7,issue 3
11. “Over View of Co Processed Excipients Used to Improve Tableting Performance “ in Journal of advanced drug delivery vol 1,issue 6,2014

FDP:

1. Completed 15 weeks 4 credit course on “Academic writing “conducted by Swayam, MHRD .july-oct 2019. Dept. of Pharmaceutical Sciences, H.N.B Garhwal University, Uttarakhand
2. Completed 4 credit course on “Industrial pharmacy-I” conducted by Swayam,MHRD july-oct 2019 Dept. of Pharmaceutical Sciences, H.N.B Garhwal University, Uttarakhand
3. Four week national level online faculty development programme on ‘Effective use of ICT tools in modern teaching and learning’ organized by modern college of pharmacy in Association with APTI
4. 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
5. Completed four week FDP in advance in phytomedicine organized by Anurag group of institute 29.04.2019 to 04.05.2019
6. Participated in 3 day workshop on “**Introduction to pharmaco kinetics in academic settings” Basic Concepts and PK Analysis using Phoenix win nonlin software** on 6th, 7th, 13th July 2012 at GPRCP, HYD

Presentations

1. Participated and presented a paper on overview of temperature sensitive liposomes at Dravyak –19, by Geetanjali College of pharmacy, Hyderabad on 13 to 14 th nov 2019
2. Participated and presented a paper at Annamacharya College of pharmacy, national seminar on innovations in pharmaceutical education and research on 5th February 2019.
3. Participated and presented a paper in DST sponsored national conference under curie project on recent trends in Transational Research at Sri Padmavthi Mahila university,Tirupati 28th and 29th june 2018.
4. Participated and Presented a paper at **66th IPC** 23rd to 25th January 2015 at hitech city, hyd

5. Participated and presented a paper at **IPT CON 2015**, 4th and 5th February 2015 at Tirupathi. (got consolation)
6. Presented and Participated a paper in national symposium on frontiers in drug discovery & delivery at **Sri Padmavathi mahila University, Tirupathi** on 14, 15 Feb 2014
7. Presented and Participated a paper in the **APAS Golden Jubilee Science Congress**, IICT, November 13-15, 2014 at IICT, Hyderabad
8. Participated and Presented a paper in the national symposium at **University College of Technology, Osmania University** on 27th December 2013
9. Presented a paper at IPTCON-2012, **Sri Padmavathi mahila University, Tirupathi** on 5th and 6th October 2012
10. Participated and presented a paper entitled "PAT in sterile product manufacturing" In Pharmacon 2007 held at **AU college of Pharmaceutical sciences**. AU during 9th and 10th Jan 2007. Vishakapatnam.

Participations

1. 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
2. Pharmaceutical Sciences" held at RBVRR Women's College of Pharmacy during 27th-31st January 2020
3. Attended Webinar on "Inevitable Disruption & Preventable Chaos on Apr 29, 2020 conducted by JSSH AHER ooty
4. National Webinar on Safe Disposal of Expired and unused Medicine' organized by Society of Pharmaceutical Sciences and Research (SPSR) in association with ISF College of Pharmacy, Moga, Punjab, India on 21st May 2020.
5. Understanding practice school & its concept in ug education organized by IPA in association with Rgiv gandhi university of health sciences Bengaluru and JSS academy of higher education and research mysore on 23rd May 2020
6. "Need of E-Learning for Changing Pharma World– Concepts, Trends & Tools" Organised by Association of Registered Pharmacists, sponsored by Divine International Pharmacy, Gwalior, MP held on May 17th, 2020
7. attended the India First Leadership Talk webinar broadcasted On 2nd May, 2020 by MHRD's Innovation Cell
8. attended Leadership Talk With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by MHRD's Innovation Cell

9. Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell
10. Human Genome Project in Drug Discovery and Development from 30-8-19 to 31-8-19 RBVRRWCOP,HYD
11. ICT Innovations for Quality Enhancement in Higher Education from 6,7,8,-3-20 at RBVRRwomens college ,hyd
12. Pharmaceutical Education & Research Challenges for Emerging Prospects & trends” PERCEPT-2020, OU from 13-3-20 to 14-3-20
13. Participated in 3rd international conference on innovations in pharmaceutical sciences (ICIPS) 3rd & 4th august 2018 at Guru Nanak institutions technical campus ,Hyderabad
14. Participated in a two day national conference on Nanomedicines and innovations in Pharma industry, 23rd and 24th febraury 2018, at St Pauls college of pharmacy,Hyderabad.
15. Participated in 2nd international conference on innovations in pharmaceutical sciences 28th&29 july 2017 at Guru Nanak institutions technical campus ,Hyderabad
16. Participated in one day National seminar on Computational chemistry in drug design 1st September 2017 at RBVRRWomen’s college of pharmacy,hyd
17. Participated in one day National seminar on genomics in drug discovery 8th feb 2018 at RBVRRWomen’s college of pharmacy,hyd
18. Participated in one day National seminar on Hyphenated techniques in pharmaceutical research on 17 feb 2017at RBVRRWomen’s college of pharmacy,hyd
19. Participated in International symposium on pharmacogenomics and pharmacoconomics in healthcare system on 26 july 2016 at RBVRRWomen’s college of pharmacy ,hyd
20. Participated as Delegate one day workshop on emerging trends in pharmaceutical sciences on 9th July 2016 at **NIPER** Hyderabad, Telangana.
21. Participated in **Indo global healthcare summit & expo 2015** on july23-26,2015,Hyderabad

22. Participated two day workshop on “ personalized medicine approaches in drug discovery and development”at RBVRR Women’s college of pharmacy, Barkatpura, Hyderabad during 9&10 July 2015
23. Third Indo US Conference on Nano Technology and medicine challenges, future opportunities on 26th Sep, 2015 at RBVRR Women’s College of Pharmacy.
24. Participated in seminar on “Spectro Analytical Techniques” at Department of Chemistry at RBVRR Womens College, Narayanaguda, Hyderabad 28 the feb &1st march 2013
25. Participated in the one day faculty development programme on “**effective methods of teaching for pharmacy faculty**” at Institute of Public Enterprises,osmania university, Hyderabad on 16th September 2012
26. Participated two day workshop on “Recent advances in pharmaceutical research “organized at RBVRR Women’s college of pharmacy, Barkatpura, Hyderabad during 8th and 9th April 2011
27. Participated in the **2nd Pharmasci @ India symposium** on 3rd and 4th September 2011 at NIPER, Hyderabad, India