

**Dr. K. LATHA, PROFESSOR  
DEPARTMENT OF PHARMACEUTICS,  
G. PULLA REDDY COLLEGE OF PHARMACY, HYDERABAD.**

**NAME** Dr. K. LATHA  
**FATHER'S NAME** K. GOVARDHANA  
**NATIONALITY** INDIAN  
**PRESENT ADDRESS** 4-35-530/A/301, MSV NARAYANA RESIDENCY,  
MADHAVARAM NAGAR COLONY,  
ALLWYN Ist phase, KUKATPALLY, HYDERABAD-72.

**PROFESSIONAL OBJECTIVE:**

To conquer a position, where I can utilize and contribute my combined knowledge and experience of Pharmaceutical Sciences to benefit the students in understanding the field, learning new innovative techniques with not only theoretical aspects but also its co-relation with practical situations and overall development to make them a distinguished pharmacist through continuous improvement, teamwork and complete dedication, so as to contribute a fraction in the field of pharmacy and evolve me as a complete pharmaceutical teacher.

**EDUCATIONAL QUALIFICATION: M. Pharm (Pharmaceutics)., Ph.D.**

**Teaching experience:** 20 years  
**Research experience:** 11 years  
**Publications:** 50  
**Communicated to Journals** 3

**PROFESSIONAL QUALIFICATION:**

CLASS	YEAR OF PASSING	% MARKS	SCHOOL/COLLEGE/ UNIVERSITY
10 <sup>th</sup>	1991	79.1	SSC, SEM Girls High School, Gudur.
Intermediate	1993	76.5	Board of intermediate, DRW Womens college, Gudur.
B.Pharm	1999	74.8	KVSR Siddartha College, Vijayawada, Nagarjuna University, Guntur
M.Pharm	2001	76.5	Andhra University, Visakhapatnam.
Ph.D	2012		Andhra University, Visakhapatnam.

**RESEARCH EXPERIENCE:**

**1. M. Pharmacy Thesis**

Research work on "Formulation development of colon targetted drug delivery of albendazole for treatment of helminthiasis" was carried out under the supervision of Prof. Dr. Y.S.R Krishnaiah, Associate professor, and Prof.L.Nageswara Rao,

Faculty of Pharmacy, Department of Pharmaceutical Sciences, Andhra University, Vizag, in the subject of **Pharmaceutical Sciences**.

## **2. Ph. D. (Pharmacy) Thesis**

Research work on “studies on applicability of gum karaya for chronotherapeutic drug delivery of losartan potassium” was carried out under the guidance of Prof. Dr. K.V. Ramana Murthy, Faculty of Pharmacy, College of Pharmaceutical Sciences, Andhra University, Vizag, for Ph. D. degree in **Pharmaceutical Sciences**.

### **PROFESSIONAL ACTIVITIES:**

#### **CONFERENCES/CONGRESSES:**

1. Attended 52<sup>th</sup> Indian pharmaceutical congress held in December 2000 at Hyderabad.
2. Attended international convention of (APTI) Association of pharma teachers of India held from 2<sup>nd</sup>-3<sup>rd</sup> of October 2004, at Vizag, presented paper on “students performance evaluation-biased to unbiased”.
3. Attended 57<sup>th</sup> Indian pharmaceutical congress held in December 2005, at Hyderabad.
4. Attended for 11<sup>th</sup> annual national convention of Association of pharmaceutical teachers of India held at Bangalore from 1-3 rd September 2006.
5. Attended for 15<sup>th</sup> annual national convention of Association of Pharmaceutical Teachers of India held at Hyderabad from 2<sup>nd</sup>-3<sup>rd</sup> November 2010, presented a paper on “Applicability of gum karaya for chronotherapeutic drug delivery of losartan potassium.
6. Presented a paper on “Formulation and evaluation of zolpidem tartrate layered tablets by melt granulation technique for treatment of insomnia.” held in December 2012, at Chennai.
7. Participated in National Level Essay Competition 2013 on “A perspective on Herbal Medicines and Herbal Supplements” organized by POWER (Pharmacists’ Organization for Women Empowerment and Research) held on the occasion of 65<sup>th</sup> IPC, 2013.
8. Participated and won third prize in “National Level Essay Competition 2014(category-1) on theme: “Clinical Trials in India- Boon or Bane” organized by POWER (Pharmacists’ Organization for Women Empowerment and Research) held on occasion of International women’s day March 8<sup>th</sup> 2014.
9. Attended an international seminar on “Advances in biopolymer drug delivery systems on 30<sup>th</sup> & 31<sup>st</sup> January 2014, presented a paper on “Studies on the applicability of gum karaya for chronotherapeutic drug delivery system of losartan potassium”.
10. Participated and won first prize in “National Level Essay Competition 2014(category-1) on theme: “Indian pharma industry- a SWOT analysis” organized by POWER (Pharmacist’s Organization for Women Empowerment and Research) held during December 2014- January 2015.
11. Participated and presented posters in conference organized by SIPRA labs Ltd, Hyderabad on the occasion of two decade celebrations. Competition was

held on 2<sup>nd</sup> and 3<sup>rd</sup> July 2014. C. Kishore, M.Pharm student guided by me won second prize consists of silver medal, Rs.30,000 cash and certificate.

12. Attended 66<sup>th</sup> Indian pharmaceutical congress held on 23<sup>rd</sup> to 25<sup>th</sup> January 2015 at Hitex, Hyderabad.
13. Participated in national symposium "Sipra Innovation Pharma Research Awards-SIPRA-15" on 2<sup>nd</sup> July 2015.
14. Attended the International Indo global health care summit and Indo global pharma summit expo 2015 from July 23<sup>rd</sup> to 26<sup>th</sup> 2015 at Marigold, Green park hotel, Hyderabad.
15. Participated and presented a paper, "formulation and evaluation of floating mucoadhesive system using by using diltiazem HCl" at 3<sup>rd</sup> international conference on innovations in pharmaceutical sciences(ICIPS), organized by school of pharmacy, Guru nanak institutions, on 3<sup>rd</sup> and 4<sup>th</sup> August, 2018
16. Attended and evaluated oral presentations at 3<sup>rd</sup> international conference on innovations in pharmaceutical sciences(ICIPS), organized by school of pharmacy, Guru nanak institutions, on 3<sup>rd</sup> and 4<sup>th</sup> August, 2018
17. Attended an International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
18. Attended DRPI 2021-ONLINE from June 2021, Organized by SPDS in association with AAPS and APTI.
19. Participated and successfully completed AICTE e-conference, "Advancing drug discovery, development and therapy with research informatics(ADDDTRI)" from 18/10/2021 -29/10/2021, Organized by Institute of Science and Technology, Salipur, Cuttack, Odisha.
20. Attended and participated 20<sup>th</sup> International e-Symposium on "Advances in Technology and Business potential of New Drug Delivery Systems" from 24<sup>th</sup> - 26<sup>th</sup> February 2022, Organized by Controlled Release Society (CRS) Local Chapter.

#### **WORKSHOPS/ SEMINARS:**

1. Presented a paper on "Pharmacy clinical practice" in PHARMACON 2000, held on March 11-12, 2000 at Andhra University, Vizag.
2. Presented a paper on "Students evaluation biased to unbiased" in APTI 2004, held on 2<sup>nd</sup>-3<sup>rd</sup> October at Andhra University, Vizag.
3. Attended workshop on the "Good laboratory practices" held at Nizam institute of medical sciences (NIMS) at Hyderabad.
4. One day seminar on pharmaceutical education-challenges and opportunities on 17<sup>th</sup> July 2006, organized by APTI -AP State branch at Hyderabad.
5. Attended a seminar organized by APTI, AP state branch on "art of scientific paper writing" at Hyderabad on 17<sup>th</sup> February, 2007.
6. Participated in the National seminar on "plastic hazards in pharma & consumer industry" held at Hyderabad on 22<sup>nd</sup> December 2007, organized by Indian pharmaceutical association-Industrial Pharmacy & AP State branch.
7. Attended three days work shop on "Basic concepts and PK Analysis using Pheonix Winolin software on 6<sup>th</sup>, 7<sup>th</sup>& 13<sup>th</sup> July 2012.

8. Attended a seminar on “Innovations in pharmaceutical research -2013” on 27<sup>th</sup> December at Hyderabad organized by G.Pulla Reddy College of Pharmacy.
9. Attended an international seminar on “Advances in biopolymer drug delivery systems on 30<sup>th</sup> & 31<sup>st</sup> January 2014, presented a paper on “Studies on the applicability of gum karaya for chronotherapeutic drug delivery system of losartan potassium” organized by CES college of pharmacy, Kurnool,.
10. Participated in one week National workshop on “Biostatistics and its Application in Biomedical Research” Organized by the Biomedical Informatics Centre, National Institute of Nutrition (ICMR), Hyderabad, India, from 24<sup>th</sup> -28<sup>th</sup> March, 2014.
11. Participated in conference on Drug Discovery & Development, Global Scenario-Indian Perspective, held at NIPER- Hyderabad, 20<sup>th</sup> -21<sup>st</sup> Nov 2015.
12. Participated in one day national seminar on “Innovations in Pharmaceutical Research-2016 and poster presentations” held at G. Pulla Reddy College of pharmacy during 6<sup>th</sup> February 2016.
13. Participated in one day national seminar on “Innovations in Pharmaceutical Research-2018 and poster presentations” held at G. Pulla Reddy College of pharmacy during 25<sup>th</sup> September 2018.
14. Attended a three day workshop on “Recent trends in formulation design & bioanalytical estimations” Organized by RBVRR Women’s College of Pharmacy & IPA –Telangana State Branch held from 28<sup>th</sup> -30<sup>th</sup> March 2019 at RBVRR Women’s College of Pharmacy, Hyderabad.
15. Attended and evaluated oral presentations at three day workshop on “Recent trends in formulation design & bioanalytical estimations” Organized by RBVRR Women’s College of Pharmacy & IPA –Telangana State Branch held from 28<sup>th</sup> -30<sup>th</sup> March 2019 at RBVRR Women’s College of Pharmacy, Hyderabad.
16. Participated a two days international training work shop of quality by design(QBD) practical implementation of tools& tactics of Qbd&L6σ in pharmaceutical product development, Organized by Qbd Expert.
17. Participated in workshop on “Pharmaceutical Quality Assurance & Quality Control” Module-I: 11<sup>th</sup> -13<sup>th</sup> ; Module-II 18<sup>th</sup> -20<sup>th</sup> October 2019, jointly organized by NIPER-Hyderabad, Pharmaexcil&NIB at National Institute of Pharmaceutical Education & Research, Hyderabad.
18. Attended and successfully completed “A practical guide to QBD product development” a course of study offered by of Association of Pharmaceutical Teachers of India, on May 2020.
19. Participated in webinar on “Role of Bioequivalence studies on in generic drug product development” organized by Department of Pharmaceutical Chemistry on 21<sup>st</sup> May 2020.
20. Participated in “International Pharma webinar on Role of brain’s garbage men in the nose-to-brain transport of polymeric nanoparticles” organized by MNR College of Pharmacy on 22<sup>nd</sup> May 2020.
21. Participated in online webinar series on “Novel insights in Pharmaceutical Sciences during COVID-19 pandemic conducted during 22<sup>nd</sup> to 24<sup>th</sup> May 2020.
22. Attended the CPE webinar on “ Understanding Practice School & it’s concept in UG Pharmacy Education” organized by Pharmacy Council of India, New Delhi in

association with Rajiv Gandhi University of Bengaluru and JSS Academy of Higher Education and Research, Mysuru on 23rd May 2020.

23. Attended Three-day International webinar on “Quality By Design” organized by Innovation Cell of Bapthla College of Pharmacy in association with Indian Pharmaceutical Association-Education Division, from 23rd May to 25th May 2020.
24. Attended webinar on “Ancient Ayurveda Pharmacists-Advances in Phytopharmaceutical Product Development” organized by Vignan Pharmacy College Vadlamudi, Guntur, in collaboration with APTI on 26th May 2020.
25. Participated in “International webinar on Challenges and Opportunities for developing Safe and Effective Natural Products” organized by MNR College of Pharmacy on 27th May 2020.
26. Participated in the International webinar on “Trends in Drug Delivery Systems: Post COVID-19 Scenario” on 29th May 2020, Organized by GITAM Institute of Pharmacy, Vizag & GITAM School of Pharmacy, Hyderabad.
27. Participated in Webinar@1 with the theme "Travelling with COVID-19 Pandemic and Impact on Pharmacy Profession" Organized by St Paul's College of Pharmacy, Hyderabad in association with IPA on 29th May, 2020.
28. Attended Two days webinar on “Design of Experiments” organized by Vignan Pharmacy College Vadlamudi, Guntur, in collaboration with APTI on 30th & 31st May 2020.
29. Participated in Mybo webinar, webinar-3 on “Optimization In Pharmaceutical Technology: Concepts, Applications And Demonstration” organized by MYBO GROUP on 31st May 2020.
30. Participated in webinar on “Research and Ethics” conducted by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in association with Indian Pharmaceutical Association, Education Division.
31. Participated in online webinar “Women Empowerment: Rise and Redefine” on 9th June 2020, organized by GIET School of Pharmacy IQAC.
32. Participated in Mybo webinar, on “Mendeley Reference Management Software Demonstration: For references, citations, bibliographies in Thesis, Review and Research Articles” organized by MYBO GROUP in association with International Journal of Advances in Pharmacy and Biotechnology on 14th June 2020.
33. Participated in webinar on “Lexicom- a clinical drug reference tool for Pharm D” organized by Infokart India in association with Lexicom on 25th Sep 2020.
34. Participated one day National webinar on “Novel Perspectives and Regulations in Drug Delivery” Organized by St. Peters Institute of Pharmaceutical Sciences, Warangal in association with ISPOR and IPA-Hanamkonda Local Branch on 4<sup>th</sup> September 2021.

#### **FACULTY DEVELOPMENT PROGRAMS:**

1. Two days faculty improvement program held from October 22nd-23<sup>rd</sup> October 2002, at G.Pulla reddy college of pharmacy, Hyderabad.
2. One day faculty development program on “Back to basics” conducted by Siva sivani institute of management on 19<sup>th</sup> October 2012.

3. Successfully completed the 12 weeks course “Drug Delivery: Principles and Engineering” NPTEL-AICTE Faculty Development Programme during Jul-Oct 2019, organized by Indian Institute of Sciences Bangalore.
4. One week online international faculty development program on pharmaceutical education and research from 13th-18th May 2020, organized by IQAC Bapatla college of pharmacy, Bapatla, Andhra Pradesh.
5. e-Faculty Advancement Initiative - a series of online training offered by Association of Pharmaceutical Teachers of India (APTI) Odisha Branch in association with APTI Central, conducted online between 26 to 29 of May 2020, organized by APTI, Odisha state Branch, In association with: APTI, Central Committee
6. Faculty development program on “skill development in pharmacy education, Research and Practices” on 1st-5th June 2020, organized by GIET School of Pharmacy IQAC in association with IPA- Rajamundry Branch.
7. One Week e-Faculty Development Programme on “Pharmaceutical Product Development: Challenges and Opportunities” from 15th - 19th June 2020, organized by Dr. L. H. Hiranandani College of Pharmacy, Ulhasnagar and Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute, Karjat In collaboration with Indian Pharmaceutical Association (IPA) and Association of Pharmaceutical Teachers of India (APTI).
8. One week e-FDP programme from 8th-13th July 2020, organized by department of pharmaceutics and pharmaceutical analysis, G.Pulla Reddy college of Pharmacy, Hyderabad in association with Indian Pharmaceutical Association (TS) Branch.
9. Three Days e-Faculty Development Programme on “In Silico Tools for Biopharmaceutics & Virtual Pharmacokinetics” held during 17 to 19 July 2020, Organized by IQAC and Department of Pharmaceutics, Seven Hills College of Pharmacy, Tirupathi in association with APTI state branch AP.
10. Participated in One Week Online International Faculty Development Program/ Student Development Program on 'Recent Advances in Science and Technology Innovations' Held from 18/01/2022 to 22/01/2022 Organised by the Department of Pharmaceutics, VIPER, Narsapur; In collaboration ICAR-IARI & IPA.
11. Successfully completed Faculty Development Programme on “Research Writing & Publishing” during 5<sup>th</sup> -18<sup>th</sup> February 2022, Organized by St.Paul’s College of Pharmacy, Hyderabad, in association with CliMed Research Solutions, India.

#### **LECTURES:**

1. Delivered lecture at Sri Guru Datta College of Pharmacy on the topic “Basic consideration requirements and formulation for ophthalmic preparations ”
2. Delivered lecture at Sri Guru Datta College of Pharmacy on the topic “Formulation and evaluation of dispersion systems”

#### **MEMBERSHIPS:**

1. Registered Pharmacist Grade “A-1” according to Pharmacy Act 1980.

2. Life Member of Association of Pharmaceutical Teacher of India (APTI).

**SERVICE RECORD:**

**Academic Experience:**

**I. Lecturer**

Worked as lecture in the Department of pharmaceutics, G. Pulla Reddy College of Pharmacy from 19<sup>th</sup>Dec 2001-10<sup>th</sup>july 2006, took theory and practical classes in all the subjects of **Pharmaceutics** and **Pharmaceutical Microbiology**.

**II. Sr. Lecturer**

Worked as a Sr.Lecturer **Pharmaceutics** w.e.f 10-07-2006 to 01-07-2007 in the Department of pharmaceutics, G. Pulla Reddy College of Pharmacy, took theory and practical classes in the subjects of Pharmaceutics, Physical Pharmacy, Pharmaceutical Engineering, Cosmetic Technology at graduate level.

**III. Associate Professor**

Since 01-07-2007 to the 31/1/2019 date working as **Associate Professor (Pharmaceutics Dept.)**, also Incharge of theory and practical classes in the subject of **Pharmaceutics** graduate and post graduate level. Took theory and practical classes in the subjects of Pharmaceutics, Biopharmaceutics & Pharmacokinetics and Dosage Formulation Design at graduate and post graduate level. Guiding M.Pharm project students.

**IV. Professor**

From 1/2/2019 working as **Professor (Pharmaceutics Dept.)**. Incharge of theory and practical classes in the subject of **Pharmaceutics** graduate and post graduate level. Taking theory and practical classes in the subjects of Modern Pharmaceutics, Advanced Biopharmaceutics & Pharmacokinetics and Molecular Pharmaceutics at post graduate level. Guiding students for the B.Pharm and M.Pharm projects.

**AREAS OF RESEARCH INTEREST:**

1. Chronotherapeutic drug delivery and time dependant kinetics
2. Extended release oral drug delivery systems.
3. Preparation and evaluation of vesicular drug delivery systems.
4. Enhancement of solubility and dissolution of drugs by using natural gums.
5. Sintering technique for extension of drug release by matrix systems.

**POSTER PRESENTATIONS:**

1. Shilpa sonti, K. Latha, Drugs u can't abuse. Will making prescription drugs tamper-proof stem the tide of opioid abuse was presented at sri Bojjam narasimhulu. College, Hyderabad.

2. R.Sujith, K.Latha, Insulin regulation by polymers was presented at CMR college, Hyderabad.
3. Nanditha B, Avinash G, Swathi M, Gangadhar, K.Latha, presented a poster on the topic nanonisation- a review at pharmacon 2006, Andhra University, Vizag.
4. Vineetha G, Vigneswar Reddy, K.Latha on Iontophoresis at CMR College, Hyderabad.
5. Kranthi Reddy, Vishali S, K.Latha on Hydrogels- Intelligent polymers at CMR College, Hyderabad.
6. P.Sethu, Avinash G, Nanditha B, Swathi M, Latha K on "Swimming Robots-In medicine" at Pharmacon 2006, Andhra University, Vizag.
7. C. Kishore, K.Latha, Sk. Naseeb Basha, "Formulation and evaluation of floating sintered matrix tablets of cefpodoxime proxitel" at Sipra-14, Sipra labs Pvt. Ltd., Hyderabad.
8. K.Latha, D.Sandeep, "Formulation and evaluation of ranolazine loaded PLGA nanoparticles" Sipra-15, Sipra labs Pvt. ltd., Hyderabad.
9. Asema sultana, K.Latha, Sk. Naseeb Basha, "Formulation and evaluation of metformin hydrochloride sustained release tablets using polyelectrolyte complexes" In "International conference on Design, development and practice of drugs", held at CES college of pharmacy, Kurnool, on 22<sup>nd</sup> and 23<sup>rd</sup> January 2016 and got first prize in poster presentation.
10. G. Sravan kumar, K.Latha, Sk. Naseeb Basha, "Formulation and evaluation of topical gel loaded with fluconazole niosomes" In "International conference on Design, development and practice of drugs", held at CES college of pharmacy, Kurnool, on 22<sup>nd</sup> and 23<sup>rd</sup> January 2016.
11. Presented a poster titled 'Formulation and evaluation of topical gel loaded with fluconazole niosomes' supported by co-authors G. Sravan and K. Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
12. Presented a poster titled 'Formulation and evaluation of Darifenacin Hydrobromide transdermal patch' supported by co-authors K Aparna Reddy and Dr K Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
13. Presented a poster titled 'Formulation, evaluation and optimization of topical sertaconazole nitrate emulgel by Box Behnken design' supported by co-authors V.S.Harini and Dr.K.Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
14. Presented a poster titled 'Enhancement of solubility and permeability of cefpodoxime proxetil by self-micro emulsifying drug delivery system' supported by co-authors C Naveen Kumar, P Nithila, B Supriya and Dr K Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
15. Presented a poster titled 'Formulation and evaluation of proniosomes loaded Sertaconazole nitrate for topical application' supported by co-authors D Shailaja and Dr K Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
16. Presented a poster titled 'Formulation and evaluation of 'formulation and evaluation of atenolol gels using enhanced transdermal delivery systems' supported by co-authors Ankit Loya, G.Keerthi and Dr K Latha at International Conference on Formulations in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021
17. Presented a poster titled 'Formulation and evaluation of gliclazide tablet loaded with nanosponges' supported by co-authors D Sruthika Reddy, Dr K Latha and Khaja Zaffar Mohiuddin at International Conference on Formulations



in Food and Healthcare 2021 (ICFFH 2021) organised virtually from 8th-11th March, 2021

18. Attended and presented a poster of research work as co-author at DRPI 2021-ONLINE TITLE: formulation and evaluation of topical gel loaded with fluconazole niosomes” from June 2021, Organized by SPDS in association with AAPS and APTI.
19. Attended and presented a poster of research work as co-author at DRPI 2021-ONLINE TITLE: formulation and evaluation of Ketorolac Tromethamine loaded transferosomal gel using Box-Benkhen Design” from June 2021, Organized by SPDS in association with AAPS and APTI.
20. Attended and presented four posters of research work as co-author at 20<sup>th</sup> International e-Symposium on “Advances in Technology and Business potential of New Drug Delivery Systems” from 24<sup>th</sup> -26<sup>th</sup> February 2022, Organized by Controlled Release Society (CRS) Local Chapter.

#### **LIST OF RESEARCH PAPER PUBLISHED IN THE FOREGIN JOURNAL OF INTERNATIONAL REPUTE**

**Articles- 50**

**Citations- 239**

**h-Index- 9**

**i10 Index- 7**

1. Y. S. R. Krishnaiah ; Y. Indira Muzib ; P. Bhaskar ; V. Satyanarayana ; **K. Latha**, Pharmacokinetic Evaluation of Guar Gum-Based Colon-Targeted Drug Delivery Systems of Tinidazole in Healthy Human Volunteers, Drug Delivery, 10:263–268, 2003, ISSN:1071-7544 (print) 1521-0464(online), DOI:10.1080/10717540390235634, **impact factor-2.015, cited by 41**
2. **K Latha**, MU Uhumwangho, SA Sunil, MV Srikanth and KV Ramana Murthy Chronobiology and Chronotherapy of Hypertension – A Review, Internatinal Journal of Health Research, September 2010; 3(3): 121-131, ISSN: 1596-9886(print)/1596-9819(online). (Q3, H Index: 4), **cited by 7**
3. MU Uhumwangho, **K Latha**, SA Sunil, MV Srikanth and KV Ramana murthy. Formulation of gastro-retentive floating tablets of diltiazem hydrochloride with carnauba wax by melt granulation technique. Journal of Pharmaceutical and Allied Sciences. 7(2), 979 – 986, 2010 ISSN: 1596-8499 DOI: <http://dx.doi.org/10.4314%2Fjophas.v7i2.63398>, **cited by 4**
4. SA Sunil, MV Srikanth, MU Uhumwangho, **K Latha**, KV Ramana Murthy Chronotherapeutic drug delivery systems- an approach to circadian rhythms diseases. Current Drug Delivery, 2011, vol 8 (6), 622-633. ISSN: 1567-2018 (Print), ISSN: 1875-5704 (Online). (ISI, Q1, H Index: 30), **impact factor-0.33 cited by 17**
5. **K Latha**, MU Uhumwangho SA Sunil, MV Srikanth and KV Ramana Murthy, Development of an Optimised Losartan Potassium Press-Coated Tablets for Chronotherapeutic Drug Delivery, Tropical Journal of Pharmaceutical Research, October 2011;10(5): 551-558. DOI:10.4314/tjpr.v10i5.3, ISSN: 1596-5996 (print); 1596-9827 (electronic), **impact factor-0.820, cited by 7**
6. Shailaja T, **Latha K**, Sasibhushan P, Alkabab A M, Uhumwangho M U, A novel bioadhesive polymer: grafting of tamarind seed polysaccharide and

- evaluation of its use in buccal delivery of metoprolol succinate, Der Pharmacia Lettre, 2012, 4 (2):487-508, ISSN: 0975-5071. **cited by 9**
7. PD Thahera, Ashok, **K Latha**, T Shailaja, S Nyamathulla, MU Uhumwangho, Formulation and evaluation of Norfloxacin gastro retentive drug delivery systems using natural polymers, International Current Pharmaceutical Journal 2012, 1(7): 155-164, ISSN: 2224-9486, (ISI, Q1, H Index: 30), **cited by 14**
  8. Meka Venkata Srikanth, Songa Ambedkar Sunil, Nali Sreenivasa Rao, Battu Janaki Ram, **Kukati Latha** and Kolapalli Venkata Ramana Murthy. Thermal sintering: a novel technique in the design of gastroretentive floating tablets of propranolol HCl and its evaluation. Invest Clin 53(3): 7 - 20, 2012. **ISSN: 0535-5133 (Impact Factor: 0.421), cited by 7.**
  9. K Shruthi, Ch Archana, C Kishore, **K Latha** and D Thahera, Preparation and evaluation of montelukast sodium chewable tablets using modified karaya gum, Der Pharmacia Sinica, 2013, 4(4):125-135, ISSN: 0976-8688, **cited by 2**
  10. V.Neeharika, **K.Latha**, B.Kusuma pravallika, Evaluation of Borassus flabellifer starch as an alternative tablet excipient to maize starch: assessment by preformulation and formulation studies, Inventi rapid: Novel excipients, Vol 1, 2013, issue 1,1-5, ISSN:2278-408X.
  11. **L. Kukati**, K.Chittimalli and N.B.Shaik, Formulation and evaluation of floating tablets of cefpodoxime proxetil, Journal of Scientific Research,2014, 6(3),563-579,ISSN:2070-0237(Print);2070-0245(Online); **impact factor-1.2119** DOI: [http://dx.doi.org/ 10.3329/jsr.v6i3.18339](http://dx.doi.org/10.3329/jsr.v6i3.18339), **cited by 4**
  12. Uhumwangho M.U., Iwuagwu C.E and **Latha K**, Influence of some channeling agents on the release profile of Khaya Ivorensis-Ibuprofen matrix tablets , Annals of Biological Research, 2014, 5 (6): 4-8, ISSN 0976-1233 , CODEN (USA): ABRNBW
  13. **K. Latha** and Sk. Naseeb Basha, Applicability of Gum Karaya in the Preparation and *in Vitro* Evaluation of Losartan Potassium as Chronotherapeutic Drug Delivery System. Journal of Scientific Research. 7 (1-2), 65-74 (2015) ISSN:2070-0237(Print);2070-0245(Online), **impact factor-1.2119**, DOI: <http://dx.doi.org/10.3329/jsr.v7i1-2.21182>
  14. **Latha Kukati**, Archana CH, Naseeb Basha Shaik, Subrahmanyam PVS. Formulation and evaluation of fluvastatin sodium bilayered osmotic tablets, Farmacia, 2015, vol.63, 5: 700-709. **ISSN: 0014-8237** (for the **Printed** Edition) **ISSN: 2065-0019** (for the **On-Line** Edition) **impact factor:1.005**
  15. **K. Latha**, T. Chinni Kranthi and Naseeb Basha Shaik, Preparation and Evaluation of Sustained Release Matrix Tablets of Tolterodine Tartrate Using Guggul Resin, Bangladesh Pharmaceutical Journal 21(1): 24-34, 2018
  16. **Latha kukati**, Kishore chittimalli, Naseeb Basha shaik, Shailaja thoudoju, Formulation and Evaluation of Sintered Floating Tablets of Cefpodoxime Proxetil, Turkish Journal of Pharmaceutical Sciences 2018;15(3):278-290 DOI: [10.4274/tjps.59454](https://doi.org/10.4274/tjps.59454), ISSN: 1304-530X, E-ISSN:2148-6247
  17. Naseeb Basha Shaik, Sravani P, **Latha Kukati**, Mobina Begum, Formulation and Evaluation of Press Coated Tablets of Mesalamine, Inventi rapid:Pharma Tech Vol.2019, Issue 3,1-11; ISSN:0976-3783
  18. Leander corrie, Muzaffar Ur-Rehman, **Latha kukatil**, Devasari manasa, Adepu shirisha, Antifibrotic drugs for Covid-19: from orphan drugs to blockbusters?

Current respiratory medicine reviews, 2021, 17, 8-12.  
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21. Naveen Kumar C, Latha K \*, Keerthi G, Nithila P and Padmavathi R, Enhancement of solubility and permeability of cefpodoxime proxetil by self-micro-emulsifying drug delivery system, International Journal of Frontiers in Life Science Research, 2022, 02(02), 009-020; DOI: <https://doi.org/10.53771/ijlsra.2022.2.2.0075>
22. Gajjala Sravan a, K. Latha a\*, R. Padmavathi a, Maimuna Fatima a, C. V. Sai Sravani a and M. Saritha b Formulation and Evaluation of Topical Gel Loaded with Fluconazole Niosomes, Journal of Pharmaceutical Research International 34(34A): 42-61, 2022; Article no.JPRI.85665 ISSN: 2456-9119; DOI: 10.9734/JPRI/2022/v34i34A36147

#### **LIST OF RESEARCH PAPER PUBLISHED IN THE NATIONAL JOURNAL OF INTERNATIONAL REPUTE**

1. Krishnaiah YSR, Satyanarayana V, Dinesh Kumar B, Karthikeyan RS and **Latha K**. Reverse phase HPLC determination of celecoxib in tablet dosage forms. Acta Ciencia Indica, XXVII-C: no.2, 2001,79-82 ISSN NO. 225837.
2. Krishnaiah YSR, **Latha K**, Karthikeyan RS and Satyanarayana V, HPLC method for the estimation of albendazole in pharmaceutical dosage forms. Asian Journal of Chemistry, 14 (1): 67-71 (2002). ISSN: 0970-7077, **impact factor-0.25, cited by 7**.
3. Y. S. R. Krishnaiah, **K Latha**, L. Nageswararao, R.S.Karthikeyan, P. Bhaskar, V. Satyanarayana a, Development of colon targeted oral guar gum matrix tablets of albendazole for the treatment of helminthiasis, Indian Journal of Pharmaceutical Sciences 2003, 65(4):378-385.**impact factor-0.338**, ISSN: 0250-474X.**cited by 42**
4. M U. Uhumwangho, **K. Latha**, S.A.Sunil, M.V.Srikanth K.V.Ramana Murthy, Chronopharmaceutic Drug Delivery Systems (ChDDs) –A Review, Research journal of pharmacy and technology vol 4, issue 2, 2011,197-202, ISSN 0974-360X (ONLINE), ISSN 0974-3618 (PRINT), (Q4, H Index: 2), **cited by 1**
5. **K Latha**, M U Uhumwangho, SA Sunil, MV Srikanth and KV Ramana Murthy Preparation and *In Vitro* Evaluation of Compression Coated Tablet of Losartan Potassium Using Admixture of Hydrophilic Polymer and Excipients, International Journal of Novel Drug Delivery Technology 2011:Vol.1: Issue, 29-39. [ISSN: 2231-4849 (Online)], **cited by 5**
6. Sama venkatesh, Babashankar G, **Latha K**, Madhavareddy B and Ramesh Mullangi. Evaluation of *caralluma attenuata* starch as an alternative tablet excipient to potato and maize starch: assessment by preformulation and

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  8. Shailaja T, **Latha K**, Alkabab A M, Sasibhushan P, Uhumwangho M U, Formulation and evaluation of orodispersible tablets of Metoprolol Tartrate with natural and synthetic superdisintegrations. International Journal Pharmacy Pharmaceutical Sciences, Vol 4, Issue 3, 2012, 148-154 ISSN- 0975-1491, **Impact factor 1.59. cited by 9.**
  9. **K.Latha**, M U Uhumwangho, SA Sunil,MV Srikanth,and KV Ramana Murthy *In vitro* evaluation of oral timed release tablet of losartan potassium using natural gum and it's solid characterization. International Journal Pharmacy Pharmaceutical Sciences, Vol 4, Suppl 5, 2012. 89-95. ISSN- 0975-1491, **Impact factor 1.59.**
  10. Naseeb Basha Shaik and **K. Latha**, Solubility enhancement of Clozapine using super Disintegrants by solid dispersion methods, International Journal of Pharmakeia, Vol-1, Issue-1 2015, 32-88. **ISSN-2455-1287, cited by 1**
  11. Y. Padmavathi, Sumedha Kapre, **K. Latha**, Renuka Menda, Rohini Kagithala, Development of a liquid chromatographic method for pharmacokinetic studies of tolterodine tartrate orodispersible tablets in rats, *Int J Pharm* 2016; 6(4): 35-43 ISSN : 2249-1848, CODEN : IJPNL6, **SJIP: 3.926**
  12. **K Latha\***, P Lalitha and SK Naseeb Basha, Formulation and Evaluation of Darifenacin Hydrobromide Nano-Liposomes. Journal of Chemical and Pharmaceutical Research, 2017, 9(8):173-182, ISSN : 0975-7384 CODEN(USA) : JCPRC5
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  14. Naseeb Basha Shaik, Manasa Toleti, Divija Kanaru and **Latha Kukati**, Solubility Enhancement of Aceclofenac by Solid Dispersion, America Journal PharmTech Research. 2018; 8(3) ISSN: 2249-3387
  15. **Ramya sri, Latha K**, Formulation and evaluation of zolpidem tartrate layered tablets by melt granulation technique for treatment of insomnia, Asian J Pharm Clin Res, Vol 11, Issue 6, 2018, 139-147; Online - 2455-3891, Print-0974-2441;DOI:<http://dx.doi.org/10.22159/ajpcr.2018.v11i6.21540>
  16. Naseeb Basha Shaik, Sowjanya Gera, **Latha Kukati** and Harsha Goverdhanam, Formulation and evaluation of emulgel of flurbiprofen, International research journal of pharmacy, Vol 10, Issue 8, 2019, 68-76; ISSN 2230 – 8407; DOI: **10.7897/2230-8407.1008248**
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23. Arun Kumar Mantha, **Latha Kukati**, Naseeb Basha Shaik, Arshiya Sheerin, Manasa Devasari, Shirisha Adepu, “An Overview on recent advancement methods and characterization of nanofiber technology”, Journal of Advanced Scientific Research. 2021; 12(2): 13-19.
24. Boddula Mounika, Naseeb Basha Shaik, **Latha Kukati**, Sushma Badarla, Rohith Kumar, “Resealed Erythrocytes as a Carrier for Drug Targeting- A Review”, International Journal of Advances in Pharmacy and Biotechnology, 2021; 7(2) 01-07. DOI: [doi.org/10.38111/ijapb.20210702001](https://doi.org/10.38111/ijapb.20210702001)
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26. Razia Sultana, **Latha Kukati**, Naseeb Basha Shaik and Shailaja Thoudoju, formulation and evaluation of clopidogrel bisulfate capsule loaded Nanoparticles, IJPSR, 2021; Vol. 12(11): 5809-5819. E-ISSN: 0975-8232; P-ISSN: 2320-5148, DOI link: [http://dx.doi.org/10.13040/IJPSR.0975-8232.12\(11\).5809-19](http://dx.doi.org/10.13040/IJPSR.0975-8232.12(11).5809-19)
27. Shailaja D, Latha K \*,Manasa D, Shirisha A, Padmavathi R, Naseeb Basha Shaik and Shailaja, Formulation and evaluation of proniosome loaded

sertaconazole nitrate for topical application, International Journal of Life Science Research Archive, 2021, 01(02), 023-037

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### MANUSCRIPTS COMMUNICATED FOR PUBLICATION – 3 ARTICLES

#### LIST OF THESIS SUBMITTED BY THE M. PHARMACY STUDENTS UNDER THE SUPERVISION OF Dr. K. LATHA.

S.NO	NAME OF STUDENT	TITLE OF THESIS
<b>2010-12</b>		
1.	<b>A.RAMYA SRI</b>	Formulation and evaluation of zolpidem tartrate layered tablets by meltgranulation technique for treatment of insomnia.
2.	<b>K. SHRUTHI</b>	Preparation and evaluation of montelukast sodium chewable tablets using modified karaya gum.
<b>2011-13</b>		
3.	<b>C. KISHORE</b>	Formulation and evaluation of sintered floating tablets of cefpodoxime proxetil.
4.	<b>P. LALITHA</b>	Formulation and evaluation of darifenacin hydrobromide nano-lipomes.
5.	<b>B. SATHISH REDDY</b>	Formulation and evaluation of sintered matrix tablets of diltiazem hydrochloride.
6.	<b>Y. DIVYA</b>	Formulation and evaluation of metformin hydrochloride sustained release tablets using polyelectrolyte complexes.
7.	<b>CH. ARCHANA</b>	Formulation and evaluation of fluvastatin sodium bilayered osmotic tablets.
8.	<b>S.TEJASWI</b>	Enhancement of solubility of carbamazepine by solid dispersion technique.
<b>2012-14</b>		
9.	<b>D. MANASA REDDY</b>	Design and characterization of bilayered floating tablets of clopidogrel bisulphate and aspirin using natural gums.
10.	<b>NAVEEN KUMAR</b>	Formulation and evaluation of tamsulosin HCl controlled release pellets.
11.	<b>T. CHINNI KRANTHI</b>	Formulation and evaluation of toterodine tartrate sustained release matrix tablets using guggul resin
12.	<b>D.SHRUTHIKA REDDY</b>	Formulation and evaluation of gliclazide tablet loaded with nanosponges.
13.	<b>S. ABHINAV</b>	Formulation and evaluation of orodispersible tablets of lamivudine.
<b>2013-15</b>		
14.	<b>K. APARNA REDDY</b>	Formulation and evaluation of darifenacin hydrobromide transdermal patches
15.	<b>D. SANDDEP</b>	Formulation and evaluation of ranolazine loaded PLGA nanoparticles

16.	<b>L. ANKIT</b>	Enhanced transdermal delivery of atenolol using iontophoresis
17.	<b>C. NAVEEN KUMAR</b>	Enhancement of solubility and permeability of cefpodoxime proxetil by self-micro emulsifying drug delivery system.
<b>2014-16</b>		
18.	<b>M. KAPILA</b>	Formulation and evaluation of doxazosin mesylate prolonged release tablets
19.	<b>ASEMA SULTHANA</b>	Formulation and evaluation of floating sintered matrix tablets of cefpodoxime proxetil
20.	<b>G. SRAVAN</b>	Formulation and evaluation of topical gel loaded with fluconazole niosomes
21.	<b>Wafa AHMED</b>	Enhancement of solubility for carbamazepine by solid dispersion using natural gums
22.	<b>HARSHA. AKSHINTALA</b>	Preparation and evaluation of sustained release matrix tablets montelukast sodium
<b>2015-17</b>		
23.	<b>RAZIA SULTANA</b>	Formulation and evaluation of clopidogrel bisulfate capsule loaded nanoparticles
24.	<b>PRIYANKA VOBALABOINA</b>	Formulation and in vitro evaluation of self-micro emulsifying drug delivery system of tacrolimus
25.	<b>ANANTHOJU SANDHYA RANI</b>	Formulation and evaluation of topical gel loaded with fluconazole nanostructured lipid carriers
26.	<b>DIVIJA KANURU</b>	Solubility enhancement of antihypertensive drug by hot melt extrusion technique
<b>2016-18</b>		
27.	<b>LEANDER CORRIE</b>	Formulation and evaluation of methylphenidate HCl extended release matrix tablets
28.	<b>SWAPNA MEDA</b>	Formulation and evaluation of diltiazem hydrochloride floating-mucoadhesive system
29.	<b>D. SHAILAJA</b>	Formulation and evaluation of proniosomes loaded sertaconazole nitrate for topical application
30.	<b>G. RAGHUNANDHAN</b>	Formulation and evaluation of generic methylprednisolone acetate depot injectable suspension
<b>2017-19</b>		
31.	<b>M. ARUN KUMAR</b>	Formulation and evaluation of naproxen sodium controlled release bilayer tablets
32.	<b>A.U. MAYANKA</b>	Formulation and evaluation of floating microspheres of cefpodoxime proxitel using simple lattice design
33.	<b>V.S. HARINI</b>	Formulation, evaluation and optimization of topical sertaconazole nitrate emulgel by Box-Behnken design
<b>2018-19</b>		
34.	<b>ARSHIYA SHERIN</b>	Formulation and evaluation of ketorolac tromethamine loaded transferosomal gel using Box-Behnken design
35.	<b>SALEHA FATIMA</b>	Formulation and evaluation of itraconazole emulsomal gel
36.	<b>BHUKYA SHASHANKA</b>	Formulation and evaluation of Felodipine loaded Proniosomes

37.	<b>SUSHMITHA GAIKWAD</b>	In vitro permeability of triflurothymidine in cultured CaCo2 cells
38.	<b>ATIF MOHAMMED</b>	Development and characterization of cephalosporin intramammary infusion gel for veterinary use
39.	<b>RIYAD SALEEM</b>	Quality by design for formulation development of Imatinib tablet
<b>2019-2021</b>		
40.	<b>GOPISETTY HANISH SAI</b>	Formulation and evaluation of silodosin hydrogel for transdermal drug delivery
41.	<b>ADEPU SHIRISHA</b>	Design formulation development and in vitro characterization of cephalosporin lyophilized injection
42.	<b>DUBBAKA BAVANA</b>	Formulation and evaluation of atenolol Fast dissolving films
43.	<b>RUSHDA PARVEEN</b>	Solubility enhancement of ambrisentan by modified locust bean gum using solid dispersion techniques
44.	<b>DEVASARI MANASA</b>	Development and in vitro characterization of aceclofenac hollow microspheres by box-behnken design
45.	<b>RAMIREDDY AKHILA</b>	In vitro characterization of itraconazole loaded ufasomal gel

At present six students are working and yet to be submitted the thesis by September, 2022.

**REFERENCES:**

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