

## **BIODATA**

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

**NAME** Dr. K. LATHA  
**FATHER'S NAME** K. GOVARDHANA  
**DATE OF BIRTH** 23rd JUNE, 1976 (23-06-1976)  
**PLACE OF BIRTH** GUDUR, NELLORE (DT), INDIA.  
**NATIONALITY** INDIAN  
**PRESENT ADDRESS** 4-35-530/A/301, MSV NARAYANA RESIDENCY,  
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### **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:** 12 years

**Research experience:** 4 years

**Publications:** 10 (International), 9 (National)

**PROFESSIONAL QUALIFICATION:**

<b>CLASS</b>	<b>YEAR OF PASSING</b>	<b>% MARKS</b>	<b>SCHOOL/COLLEGE/ UNIVERSITY</b>
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.
M.Pharm	2001	76.5	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) Assosiation 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<sup>rd</sup> 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 meltgranulation 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.

**WORKSHOPS/ SEMINARS:**

1. Presented a paper on "Pharmacy clinical practice" in PHARMACON 2000, held on March 11-12, 2000 at Vizag.
2. Two days National workshop on "Pharmacy Education For Future Industry Needs" held from 23<sup>rd</sup>&24<sup>th</sup>, November 2003, organized by Kakatiya University Pharma Alumni Association Hyderabad (KUPAAH) and G. Pulla Reddy College of Pharmacy (GPRCP) at G. Pulla Reddy College of Pharmacy, Hyderabad.
3. Presented a paper on "Students evaluation biased to unbiased" in APTI 2004, held on 2<sup>nd</sup>-3<sup>rd</sup> October at Vizag.
4. Attended workshop on the "Good laboratory practices" held at Nizam institute of medical sciences (NIMS) at Hyderabad.
5. One day seminar on pharmaceutical education-challenges and oppurtunities on 17<sup>th</sup> July 2006, organized by APTI -AP State branch.
6. Attended a seminar organized by APTI, AP state branch on "art of scientific paper writing" at Hyderabad on 17<sup>th</sup> Febuary, 2007.
7. Participated in the National seminar on "plastic hadards in pharma & consumer industry" held at Hyderabad on 22<sup>nd</sup> December 2007, organized by Indian pharmaceutical association-Industrial Pharmacy & AP State branch.

8. 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.
9. One day faculty development program on “Back to basics” conducted by Siva sivani institute of management on 19<sup>th</sup> October 2012.
10. 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.
11. 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”.

#### **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 **microbiology**.

##### **II. Sr. Lecturer**

Worked as a Sr.Lecturer **Pharmaceutics** w.e.f 10-07-2008 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, cosmetics technology at graduate level.

##### **III. Associate Professor**

Since 01-07-2006 to the till date working as **Associate Professor (Pharmaceutics)**, 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, dosage formulation design at graduate & post graduate level.

**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.

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

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**

2. **K Latha**, MU Uhumwangho, SA Sunil, MV Srikanth and KV Ramana Murthy Chronobiology and Chronotherapy of Hypertension – A Review, International Journal of Health Research, September 2010; 3(3): 121-131, ISSN: 1596-9886(print)/1596-9819(online). (Q3, H Index: 4)

3. MU Uhumwangho, **K Latha**, SA Sunil, MV Srikanth and KV Ramana murthy. Formulation of gastroretentive 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>

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)

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**

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.

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)

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. (**Impact Factor: 0.421**)

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.

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.

**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.
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**,
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.
4. M U. Uhumwangho, **K. Latha**, S.A.Sunil, M.V.Srikantan d.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)
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)]
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 performulation and formulation studies. *Indian Journal of Pharmaceutical Educational Research*, July-Sep; 2011/Vol 45/issue 3. ISSN-0019-5464, **impact factor-0.150**
7. Venkatesh S, Babu B.N, **Latha K.**, Alavala R., Reddy M.B and Mullangi R, Evaluation of *Trapa Bispinosa* Starch as an alternative tablet excipient to maize starch: assessment by preformulation and formulation studies.*Indian drugs* 49(08) august 2012,27-32.ISSN-0019-462X
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.**
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 Internatinal Journal Pharmacy

Pharmaceutical Sciences, Vol 4, Suppl 5, 2012. 89-95. ISSN- 0975-1491,  
**Impact factor 1.59.**

**LIST OF THESIS SUBMITTED BY THE M. PHARMACY STUDENTS UNDER  
THE SUPERVISION OF DR. K. LATHA.**

<b>S.NO</b>	<b>NAME OF STUDENT</b>	<b>TITLE OF THESIS</b>
<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 hydrochloridel.
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.

At present five students are working and yet to be submitted the thesis by September, 2014.



**REFERENCES:**

1. Prof. Dr. K.V.Ramana Murthy,  
M.Pharm, Ph.D  
Professor, Pharmaceutics,  
College of Pharmaceutical  
Sciences,  
Andhra University,  
Visakhapatnam,  
ANDHRA PRADESH.
2. Prof. Dr. B. Madhava Reddy,  
M.Pharm, Ph.D  
Principal,  
G.Pulla Reddy College of  
Pharmacy,  
Mehdipatnam, Hyderabad,  
ANDHRA PRADESH

Place:

Date:

Signature of the applicant

G.PULLA REDDY COLLEGE OF PHARMACY, HYDERABAD