

**Dr. A.Gopi Reddy**

Head of the Department

PHARMACEUTICAL ANALYSIS

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## **CURRICULUM VITAE**

### **ALUGUBELLI GOPI REDDY**

M.Pharm.,Ph.D,

S/o Ram Reddy,

H.No: 1-3-40,Kotamaisamma Bazar,

Suryapet (Dist), Pin: 508213,Telangana, India.

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### **CARRIER OBJECTIVE:**

To obtain a responsible and challenging position and seeking a challenging career with a progressive organization which will utilize my skills, abilities and education in management where my education and work experience will have valuable application.

### **ACADEMIC QUALIFICATIONS:**

- Ph.D (Doctor of Philosophy) in Pharmaceutical Chemistry, Faculty of Pharmacy, University College of Technology , Osmania University, Hyderabad , awarded in the month of July 2018.
- Master of Pharmacy (M.Pharm) in Pharmaceutical Chemistry from Ultra College of Pharmacy, affiliated to Dr.MGR Medical University for the academic year 2006-08, First Class with distinction having 78% Marks.
- Bachelor of Pharmacy (B.Pharm) from Nalanda College of Pharmacy (Affiliated to OU, Hyderabad),in 2002-06,with an aggregate of 76%.( First Class with Distinction).
- Board of Intermediate Education in 2000-02: First Class with 88.6%marks Siddhardha Junior College, Suryapet, Nalgonda,Telangana.
- SSC (1999-2000): First Class with 72% marks, ZPHS, Amaravaram, Nalgonda (Dist),Telangana.

**TITLE OF THE PH.D THESIS** : Synthesis and Cytotoxic Evaluation of Some Novel Quinazoline Derivatives.

**PH.D THESIS ADVISOR:** 1. Dr.V.Harinadha Babu  
Department of Pharmaceutical Chemistry  
G.Pulla Reddy College of Pharmacy,Hyderabad.  
Contact number: 8885218306  
Email: [dr.harinathbabu@rediffmail.com](mailto:dr.harinathbabu@rediffmail.com)

2. Dr.Y.Jayaprakash Rao  
Professor in Chemistry  
Telangana University,Nizamabad.  
Contact number: 9849814236  
Email: yjpr\_19@yahoo.com

**Pre Ph.D Courses:**

- Research Methodology : GRADE A
- Pharmaceutical Chemistry : GRADE A

**Professional Experience:**

- Working as Associate Professor in Sana College of Pharmacy ,Kodad, Suryapet,Telanganana, India from 04-08-2014 to till date.
- Worked as Assistant Professor in Teja College of Pharmacy, Kodad, Suryapet(Dist.,) Telangan,India from 01-10-2008 to 03-08-2014.

**List of Publications:**

1. Lemon Juice Mediated Reaction under Ultrasound Irradiation: Synthesis of Indolofuroquinoxalines as Potential Anticancer Agents, Gutta Lakshmi Prasanna , Bodapati Veera Durga Rao , **Alugubelli Gopi Reddy** , Mandava V. Basaveswara Rao, and Manojit Pal, *Mini-Reviews in Medicinal Chemistry*, 2019, 19,08,671-678.

2. Quinazolinones- Phenylquinoxaline hybrids with unsaturation/saturation linkers as novel anti-proliferative agents, Jyothsna Devi Palem, **Gopi Reddy Alugubelli**, Rajashekar Bantu, Lingaiah Nagarapu, Sowjanya Polepalli, S. Nshanth Jain, Raju Bathini, Vijjulatha Manga. *Bioorganic & Medicinal Chemistry Letters* 26(2016) 3014-3018.

3. Potential antimicrobial agents from triazole-functionalized 2H-benzo[b][1,4]oxazin-3(4H)-ones, Rajitha Bollu, Saleha Banu, Rajashaker Bantu, **Alugubelli Gopi Reddy**, Lingaiah Nagarapu, K. Sirisha, C. Ganesh Kumar, Shravan Kumar Gunda, Kamal Shaik, *Bioorganic & Medicinal Chemistry Letters*, 27 (2017) 5158–5162.

4. Design, synthesis of novel Oxazolidino-amides/sulfonamides conjugates and their impact on antibacterial activity. Yarlagadda Bharath, **Gopi Reddy Alugubelli**, Reddymasu srinivasulu, Mandava. V. Basaveswara Rao. *Chemical Papers*, 2018, Volume 72, Number 2, 457-468.

5. Ultrasound assisted synthesis of 3-alkynyl substituted 2-Chloroquinoxaline derivatives: their in silico assessment as potential ligands for N-protein of SARS-Cov-2, Manojit PAL, Mandava Venkata Basaveswara Rao, **Alugubelli Gopi Reddy**, Shaik Shahinshavali, Kazi Amirul Hossain, Abbaraju Venakata Nagendra Kumar, Deepti Kolli, Nakhi Ali, *Tetrahedron Letters*, Doi: <https://doi.org/10.1016/j.tetlet.2020.152336>

6. Synthesis of novel 2,4-disubstituted quinoline derivatives, ASG. Prasad, **Alugubelli Gopi Reddy**, Venkata Naga Baji Tokala, K. Deepthi, T. Bhasakara Rao, M. V. Basaveswara Rao, *Chemical Data Collections*, <https://doi.org/10.1016/j.cdc.2020.100469>

7. Docking Studies of Piperazine Propyl-4-oxo-3,4-dihydroquinazoline-2-carboxylate Derivatives. **Gopi Reddy Alugubelli**, Harinadha Babu V\*, Jaya Prakash Rao Y, Saikiran Reddy P, Vijjulatha Manga. *Der Pharma Chemica*, 2017, 9(10):13-15.

8. Synthesis of Piperazine propyl 4-oxo-3,4-dihydroquinazoline-2-carboxylate derivatives. **Gopi Reddy. Alugubelli**, Jaya Prakash Rao. Y. Harinadha Babu. V\* *Journal of Pharmacy and Chemistry* • Vol.9 • Issue.4,6-8.

9. Anticancer activity of Piperazine Propyl-4-Oxo-3,4-Dihydroquinazoline-2-Carboxylate Derivatives. **A. Gopi Reddy**, V. Harinadha Babu\*, Y. Jaya Prakash Rao. *Indo American Journal of Pharmaceutical sciences*, 2017, 5(2): 43–46.
10. A Review on Quinazolines as anticancer agents, **A. Gopi Reddy**, V. Harinadha Babu, Y. Jaya Prakash Rao. *Journal of Chemical and Pharmaceutical Sciences*, vol 10 issue 3, 1491-1503.
11. Extraction and Isolation of Bioactive Molecule Lycopene from Water Melon and Evaluation of Antidiabetic activity against STZ induced Rats, Monica Chopra, Ashish Bhumik, **A. Gopi Reddy**, P. Sravan Kumar, B. Srkanth, *Research Journal of Pharma and Tech*, 11(1), January 2018.
12. Anti diabetic activity of Mango ( *Mangifera indica* ) : a review Subhasis samanta, Ranabir Chanda, Subarna Ganguli, **Alugubelli Gopi Reddy**, Janmajoy Benerjee, *MOJ Bioequivalence & Bioavailability*, Volume 6 issue 2-2019.
13. Carotenoid rodoxanthine obtained from the seeds of *Ricinus communis* act as potential hepatocytes regenerators, N. Santhosh kumar, V. Sathish Reddy, Ashish Bhaumik, Dr. Monica Chopra, **A. Gopi Reddy**, Kolavali Yalla Reddy, *International Journal of Applied Research*, 2016; 2(6) 397-404.
14. Evaluation of Anticancer activity of Ethanolic and Ethylacetoacetate Extracts of Sweet Cherry against Human Breast Cancer Cell Line MCF-7, M. Lavanya, Ashish Bhaumik, **A. Gopi Reddy**, Ch. Manasa, B. Kalyani, S. Sushmitha, *Research Journal of Pharmacology and Pharmacodynamics*. 8(2): April-June, 2018.
15. Microwave Assisted Organic Synthesis –A Potential Tool for Green Chemistry, **A. Gopi Reddy**, J. Lavanya, D. Amitha, *European Journal of Biomedical and Pharmaceutical Sciences*, Volume 4, Issue 8, 1139-1143.

16. Development and Validation of RP-HPLC method for simultaneous estimation of Allopurinol and Alpha lipoic acid in bulk and tablet dosage form, S.Revathi, **A.Gopi Reddy**, K.Narendra Naidu, Dr.V.Kiran Kumar, *International Journal of Pharmacy and Analytical Research*, Volume 5, Issue 4, Oct-Dec-2016.

17. Formulation and Evaluation of Chronomodulated Drug Delivery system by using Metoprolol Succinate, K.Narendra Naidu, Dr.V.Kiran Kumar, S.Revathi, **A.Gopi Reddy**, *International Journal of Pharmacy and Analytical Research*, Volume 5, Issue 4, Oct-Dec-2016.

18. Formulation and Evaluation of Floating Bilayer Tablets of Furosemide, D.Amitha, **A.Gopi Reddy**, *European Journal of Pharmaceutical and Medical Research*, 206, 3(7).

19. Development and Validation of Iloperidone by using UV Spectrophotometric methods, C.Sivakumari, D.Amitha, **A.Gopi Reddy**, Ramangineyulu, *International Journal of Pharmacy and Analytical Research*, Volume 5, Issue 2, Apr-Jun-2016.

20. Amyotrophic Lateral Sclerosis- A review, Afshan Naaz, **A.Gopi Reddy**, M.Sunil Kumar, N.Raju, Aksal Pooja, Srija Poreddy, N.Sri ram, *Journal of Pharmaceutics*, Volume 2, Issue 4, Oct-Dec-2015.

21. Formulation and Evaluation of Famotidine Floating Bioadhesive Tablets, **A.Gopi Reddy**, Babu rao Domandula, B.Sushma, D.Jyothi, P.Maheswar Rao, U.Rajini, *World Journal Of Pharmacy and Pharmaceutical Sciences*, Volume 5, Issue 4, 1806, 1822.

22. Formulation and Characterization of Floating Doxofylline Tablets, **Alugubelli, Gopi Reddy**, D.S.Naveen Kumar, Sk.Simran Naz, V.Nageswari, Amreen Mohammad, K.Venkata Vatsalya, *International Journal of Institutional Pharmacy and Life Sciences*, 6(2), march-april, 2016.

23. Formulation and Evaluation of Orodispersible Tablets of Naratriptan Using Novel Super Disintegrants, **A. Gopi Reddy**, Ashiqur Rahaman, Sk. Ashique Iqbal, Nilima Khatun, Abdul Kashem, Sardarmer Ahmed, *International Journal of Universal Pharmacy and Biosciences*, 5(2): March-April 2016.

24. Synthesis and Anticancer Evaluation of Amide Derivatives of Imidazo-Pyridines as Anticancer agents, Ch. Sharmila Rani, **Alugubelli Gopi Reddy**, E. Susithra, Kit-Kay Mak, Mallikarjuna Rao Pichika, Sreenivasulu Reddymasu, Mandava Venkata Basaveswara Rao, *Medicinal Chemistry Research*, 2020. Communicated.,

25. Design, Synthesis and Anticancer Evaluation of Different Aryl Substituted 1,3,4-Oxadiazole-Imidazo[1,5-a] Pyridine Derivatives, D. Srilaxmi. **Alugubelli Gopi Reddy**, Kit-Kay Mak, Mallikarjuna Rao, Deepti Kolli, Sreenivasulu Reddymasu, Mandava Venkata Basaveswara Rao, *Journal of Molecular Structure*, 2020. Communicated.,

26. A New, Facile and Efficient synthesis of substituted  $\gamma$ -carbolines via Indole-2,3-dienolate, Mandava Venkata Basaveswara Rao, Sivanadh Musunuri, Reddymasu Sreenivasulu, Mallikharjuna Rao Pichika, **Alugubelli Gopi Reddy**, *Carbon Letters*, 2020. Communicated.,

27. Synthesis and Docking Evaluation of Some novel Pyrano coumarin derivatives, S. Durga Karteek, **Alugubelli Gopi Reddy**, Mandava Bhuvan Tej, M. V. Basaveswara Rao, *Russian Journal of Chemistry*, 2020, Communicated.,

28. Sonochemical synthesis and in silico assessment of 2-alkynyl 3-chloropyrazines as prospective ligands for SARS-CoV-2, M. V. Satyanarayana, **Alugubelli Gopi Reddy**, M. Yedukondalu, Mandava bhuvan tej, Kazi Amirul Hossain, Mandava venkata Basaveswara Rao, Manojit Pal, *Bioorganic & Medicinal Chemistry Letters*, 2020, Communicated.,

#### Book Publication:

As a Co-Author For The Text Book of “**Novel Drug Delivery Systems**” As per the Latest syllabus Prescribed by the PCI, New Delhi was published by AITBS Publisher, New Delhi, With ISBN NO: 978-93-7473-663-0

### Research Experience:

- Carried out M. Pharm project work on Synthesis and Biological Evaluation of Thiadiazole derivatives in Ultra college of Pharmacy,affiliated to Dr.MGR Medical University, Tamilnadu.
- Synthesis of Biologically active molecules such as Dihydropyrimidinones, Dihydrothiopyrimidinones ,Chalcones ,Coumarins, Quinoxaline and Quinazoline derivatives.
- Determination of anticancer activity of synthesized derivatives against the cell lines by MTT assay procedures.
- Docking studies of new chemical moieties.

### Achievement:

- Qualified Graduate Aptitude Test in Pharmaceutical sciences (GPAT)-2015 conducted by IIT Madras, with Pharmaceutical Sciences (PY) as the specializing subject and secured all India Rank 809.
- Qualified Graduate Aptitude Test in Engineering (GATE)-2007 conducted by IIT Kanpur, with Pharmaceutical Sciences (PY) as the specializing subject and secured all India Rank 2329.
- 2<sup>nd</sup> Prize in the elocution on the subject of Aids awarness conducted in Siddhardha Junior College, Suryapet, Nalgonda (District) Organized by the Directorate of field Publicity Ministry of Information and Broadcasting Government of India, Hyderabad.
- As a Life Member of the Association of Pharmaceutical Teacher of India ( APTI) AP/LM -717.

### Orientation course:

Participated the Orientation Course Organized by ChalaPathi Institute of Pharmaceutical Sciences,Bapatla, From September 10<sup>th</sup> 2013 to October 04<sup>th</sup> 2013.

### Refresher Course:

Participated in AICTE Sponsored QIP Short term Course Emerging Computational Tools in Drug Design & Discovery (ECTD3) from 03/10/2019 to 09/10/2019 organized by Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology(BHU) , Varanasi, Uttarpradesh, India.



### Professional Competence:

- Synthesis, Isolation, Purification and Characterization of Bioactive Natural Products.
- Knowledge of Safe Laboratory Practices, excellent laboratory strengths in testing microbial activities of the synthetic organic compounds on various Bacteria, Fungi and Yeast.
- Capable of both Collaboration and Independent research.
- Recording and analysis of routine Spectroscopic data.
- Possession of good communication and management skills.
- Significant experience in methods of Organic Synthesis, Preparation of Reagents.
- Skill Development Programmes.
- Associated with Professional bodies. ( APTI, IPGA)
- Capable to Maintain Careful and Detailed laboratory records. Good networking, adaptability, thoroughness, creative thinking, interpersonal relations, results orientation, initiative, self knowing, and self development, continuous professional learning.
- Experience in reviewing relevant literature to evaluate new knowledge and advance in the field of research.
- Authoring various Publications and literature.
- Administrative experience.
- Good rapport with the Prestigious research institutions, Industry and Scientists.

### Subjects Teaching/Taught:

Imparting Teaching and Practical training to Post-graduate and Under-graduate Pharmacy students in various subjects...

- Pharmaceutical Organic Chemistry- I, II & III.
- Pharmaceutical Biochemistry
- Chemistry of Natural Products
- Medicinal Chemistry -I and II
- Drug Designing
- Human Anatomy and Physiology
- Pharmaceutical Inorganic Chemistry
- Pharmaceutical Analysis –I & II.

- Modern pharmaceutical Analytical Techniques.

#### Technical Skills:

I have handled the following instruments:

- High Performance Liquid Chromatography
- IR Spectrophotometer
- Rota evaporator
- UV-Visible Spectrophotometer (LAB INDIA) with UV-WIN software.

#### Industrial Training:

Undergone one month Industrial Training at ACTO Pharmaceuticals, Warangal, as a part of the B. Pharm. Degree, During the Period of May 15<sup>th</sup> 2005 to June 14<sup>th</sup> 2005.

### PRESENTATIONS/CONFERENCES ATTENDED

#### Symposiums Attended:

- Presented the Paper in 67th Indian Pharmaceutical Congress (IPC) On 16-18 December 2016 in Andhra University, Visakapatnam, Andhra Pradesh, India.
- International Symposium on “Chemistry and Chemical Biology of Natural Products. [CCBNP-2012], held at IICT, Hyderabad, India on August 2-4, 2012.
- Innovations in Science and Technology for Emerging Knowledge Society. (A.P. Science Congress -2013), held at Hyderabad Centre University, Hyderabad, India, November 14-16, 2013.
- International Symposium on “Nature Inspired Initiatives in Chemical Trends” [NIICT-2014], held at IICT, Hyderabad, India on March 2-5, 2014.
- Participated in PHARMAIGNITE 25<sup>th</sup> March 2013 held at Sri Indu Institute of Pharmacy, Ibrahimpatnam, R.R Dist.
- A Poster presentation on “Traditional Knowledge Documentation: A Source For New Lead Identification In Early Drug Development” in poster session in Indo-American Pharmaceutical Regulatory Symposium October 2009 held at NCOP, Nalgonda, Andhra Pradesh, India. .

- A Poster presentation on “Herbal medicinal products:Quality,safety and Efficacy considerations” in Curent Trends in Medicinal, Aromatic Plants and Plant Products”conducted by Department of Botany(UGC-SAP-III),Osmania university,Hyderabad held on 17<sup>th</sup> &18<sup>th</sup> march 2012.
- 8<sup>th</sup>India Digital Learning Health Conference 15-16 november 2012 held at Hyderabad international convention centre Hyderabad, Andhra Pradesh ,India.
- Participated in one day national seminar on Clean Energy & Green Environment held on 28<sup>th</sup> Feb 2011, at UCT (A) Osmania university, Hyderabad.
- I have attended one day seminar on new trends in Developing Pharmacy On 20<sup>th</sup> february 2010 at Bharath Institute of Technology-Pharmacy,Hyderabad,India.
- I have attended Colloquim Seminar club, Nalanda college of pharmacy,Nalgonda held on August 21<sup>st</sup> 2008.

#### ONLINE FACULTY DEVELOPMENT PROGRAMMES ATTENDED DURING COVID:

- 1.Attended AICTE Sponsored 6 Days Online STTP on **Target Based Drug Design Strategies Utilising CADD Tools and Ecofriendly Microwave Assisted Green Synthesis**, held from 27<sup>th</sup> April to 02<sup>nd</sup> May 2020 Organized by ISF College of Pharmacy,Moga ,Punjab,India.
- 2.Attended one week National Level e-FacultyDevelopment Program 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.
3. Attended the five days e-Faculty Development Program on “**Building Research and Innovative Culture among Pharmacy Teachers**”from 18<sup>th</sup> to 22<sup>nd</sup> May 2020, organized by Dr. D Y Patil Institute of Pharmaceutical Sciences and research ,Pimpri,Pune in association with Association of Pharmacy Teachers of India .
4. Attended in the E-Faculty Development Program(FDP) on “ **Future Challenges,Possibilities and Emerging Trends in Vaccines and Drug Development for Viral Diseases**” jointly organized by Indian Pharma Educational Society(IPES) and School of Pharmacy & IQAC of ARKA JAIN University ,Jamshedpur,Jharkhand,held from 25<sup>th</sup> to 30<sup>th</sup> May 2020.
5. Participated Online Faculty Development Program on **CRISP- Creative Research and Innovation In Spectroscopy** organized by Department of Pharmaceutical Analysis ,Hindu College of Pharmacy, from 08<sup>th</sup> to 13<sup>th</sup> June 2020.

6. Participated one week eFDP(Faculty Development Programme) webinar series on **“Emerging Trends in Pharmaceutical Practices”** organized by Aditya Bangalore institute of Pharmacy Education & Research in association with Indian Pharmaceutical Association(I.P.A) from 14<sup>th</sup> to 18<sup>th</sup> June 2020.

7. Attended one week Faculty Development Program on **“Holistic Approches for excellence in Pharmaceutical Education ,Research and Publishing”** from 22<sup>nd</sup> to 28<sup>th</sup> june 2020.

8.Attended the one week e-Faculty Development Program(e-FDP) on **“ Research updates in Pharmaceutical Formulation and Analytical Method Development”** organized by Department of Pharmaceutics and Pharmaceutical Analysis , G.Pulla Reddy College of Pharmacy,Hyderabad in association with Indian Pharmaceutical Association (IPA)-TS Branch from 8<sup>th</sup> to 13<sup>th</sup> July 2020.

9. Attended the one week e-Faculty Development Program(e-FDP) on **“Insights into Drug Discovery and Development (IDDD)-2020”** organized by Department of Pharmacology ,Pharma.Chemistry and Pharmacognosy , G.Pulla Reddy College of Pharmacy,Hyderabad in association with Indian Pharmaceutical Association (IPA)-TS Branch from 27<sup>th</sup> July to 1<sup>st</sup> August 2020.

10.Participated in a six day Faculty Development Programme(e-FDP) on **“Recent Developments in chemical research for Societal Applications”** on 3<sup>rd</sup> to 8<sup>th</sup> August 2020, organized by Department of Chemistry , Yogi Vemana University,Kadapa.

#### REGISTRATION:

- ❖ Registered Pharmacist under Andhra Pradesh State Pharmacy Council.  
Reg .No.047463/A1 01.2006 till updated.

#### Research Projects Guided:

- Guided 20 UG Project Students (B.Pharmacy).
- Guided 30 PG Project Students ( M.Pharmacy).

#### RESEARCH INTERESTS:

Isolation and Synthesis of biologically active molecules to explore their efficacy as Drugs.

- My areas of interest include research work in the field of Medicinal Chemistry includes Designing of Novel molecules and Evaluation of Activity.

#### Personal Skills:

- Good communication and Analytical skills
- Honest and able to do hard work
- Ability and Zeal to learn quickly
- Able to do work effectively while working as individually and in group

#### Personal Details:

Name : A Gopi Reddy  
Father's Name : A Ram Reddy  
Date of Birth : 18-07-1985  
Gender : Male  
Nationality : Indian  
Languages Know : English, Telugu and Hindi.  
Address for Communication : H.No:1-3-40,  
Kotamaisamma Bazar,  
Near Vegetable Market, Suryapet. 508213  
Telangana, India.

#### References:

1. Prof. Mandava Venkata Basaveswara Rao  
Department of Chemistry  
Chairman, BOS, Chemistry & Pharmacy  
Krishna University, Machilipatnam  
Cell: 9346234562  
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2. Prof. Y. Jayaprakash Rao  
Department of Chemistry  
Telangana University, Nizamabad.  
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3. Prof. P. Amareswar Ph.D  
Professor of Technology (Rtd.)  
University College of Technology  
Osmania University  
Ph: 9160917912

DECLARATION

I consider myself familiar with pharmacy aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Place:

Date:

Yours sincerely

(A.GOPI REDDY)