



### Bio Data

Name	:	Dr. Gollamudi Padma Rao
Father's Name	:	G. Dasu
Address	:	D. No 6-10-5, Near Sagar lab, China waltair main road, Visakhapatnam.
Date of Birth	:	30-06-1979
Religion	:	Hindu
Institution's address	:	Department of Organic Chemistry Dr. B. R. Ambedkar University, Srikakulam-532 410 India. Email: padmaraogollamudi@yahoo.in
Academic qualifications	:	
<p>Ph. D. (Organic Chemistry) Andhra University, Visakhapatnam, Awarded (2011). Thesis entitled "Development of some new synthetic methodologies, total synthesis of Modiolin and isolation of two new Homoisoflavonoids from the bulbs Scilla indica."</p> <p>M. Sc. (Organic Chemistry) Andhra University, Visakhapatnam (2005).</p> <p>B. Sc. (Chemistry, Physics, Maths) Acharya Nagarjuna University, Guntur (2001).</p>		
Teaching experience	:	
<ul style="list-style-type: none"><li>Worked as Lecturer in Mrs. A.V.N. College from 01-09-2005 to 23-07-2007.</li><li>Working as Assistant Professor (C) at Dr. B. R. Ambedkar University, Etcherla, Srikakulam from 24-07-2007 to till date</li></ul> <p>Administrative experience:</p> <ul style="list-style-type: none"><li>As Course coordinator since 2014 at Dr. B. R. Ambedkar University, Etcherla, Srikakulam.</li></ul>		
Professional Competence	:	

- Expertise in various column chromatographic methods like Chromatotran and HPLC.
- Expertise in various computers programs like windows, chem. draw etc.

List of Publications	:	04
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1. HClO<sub>4</sub>-SiO<sub>2</sub> catalysed distinct protocol for the synthesis of 3-N, N-dialkylamino-1, 2, 4-triazoles under solvent-free conditions. Jacob Joseph, Padmarao Gollamudi, Sathish Mohan Botsa, Bharat Kumar Karasala and Siddaiah Vidavalur. JETIR 2018, Volume 5, issue 4.
2. An efficient and convenient protocol for the synthesis of 3, 5-disubstituted 1, 2, 4-oxadiazoles using HClO<sub>4</sub>-SiO<sub>2</sub> as a heterogeneous recyclable catalyst. Ramu Tadikonda, Mangarao Nakka, Mahaboob Basha Gajula, Srinuvasarao Rayavarapu, Padma Rao Gollamudi and **Siddaiah Vidavalur**. *Synth. Commun.***2014**, 44, 1978.
3. PEG - mediated catalyst-free synthesis of Hantzsch 1, 4-dihydropyridines and polyhydroquinoline derivatives **V. Siddaiah**, M. Basha, G. Padma Rao, U.Viplava Prasad and R. Suryachendra Rao. *Synth. Commun.***2012**, 5, 627.
4. PEG-Mediated Facile Protocol for N-Boc Protection of Amines **V. Siddaiah**, G. M. Basha, G. Padma Rao, U .Viplava Prasad and R. Suryachendra Rao. *Chem. Lett.* **2010**, 39, 1127.

Seminars organized	
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- Acted as joint Organizing secretary in 3<sup>rd</sup> Annual International Conference, organized by Dr. B. R. Ambedkar University, Srikakulam during 16<sup>th</sup> and 17<sup>th</sup> December 2015.

Seminars Attended:

1. National conference on Nanoscience & Nanotechnology (Emerging nanotechnologies for sustainable Development). During 15-16<sup>th</sup> march, 2018, Organized by Department of Engineering Chemistry, AU. College of Engineering (A), Andhra University, Visakhapatnam.
2. International work shop on Water, air, sanitation and hygiene attitudes and practices. 27<sup>th</sup> January, 2018, Dr. B. R. Ambedkar University, Srikakulam.

3. TiO<sub>2</sub>-NPs Catalysed Green Synthesis of Dibenzodiazepinones, Bharat Kumar K, Bhargavi I, Prasanthi S, Padma Rao G and Siddaiah V. Andhra Pradesh Science Congress, APSC-2017, 7-9 November, Andhra University.
4. CuO-Nanoparticles catalysed synthesis of 3, 5-diphenyl-1, 2, 4-triazoles via C-N bond formation. Bhargavi Inkollu, Bharat Kumar Karasala, Prasanthi Sarakula, Padma Rao Gollamudi, Siddaiah Vidavalur. Andhra Pradesh Science Congress, APSC-2017, 7-9<sup>th</sup> November.
5. Biological activity studies of  $\beta$ ,  $\gamma$ -Unsaturated ketones synthesized by Ultrasonication using nano nickel ferrite catalyst. G. Padma Rao, Y. Vamsi Kumar, Ch. V. Chalapathi Rao, M. Visalakshi, K. Raghu babu, Paul Douglas Sanasi. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
6. Antibacterial activity of Chromeno-chromenedionederivatives synthesised by ultrasonication using nano cobalt ferrite catalyst. Sruthi Vasamsetty, Veera Venkata Srinivas Chippada, Hima Bindu Gandham, Jaya Rao Kommu, G. Padma Rao, Paul Douglas Sanasi. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
7. HClO<sub>4</sub>-SiO<sub>2</sub>: An efficient recyclable heterogeneous catalyst for the synthesis of 4-arylmethylidene-2-phenyl-5(4H) oxazolones under solvent free conditions. G. Padma Rao, B. Sathish Mohan and V. Siddaiah. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
8. Commercialized process for isolation of L- $\alpha$ -GPC from Soya Lecithin. G. Padma Rao, Salah Hamza Sherif, G. M. Basha, R. Sreenuvasa Rao, K. Sunanda kumari, V. Siddaiah. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
9. Synthesis of N-Hydroxyphthalimide ester via Cross Coupling C-O bond formation. Bhargavi Inkollu, Bharat Kumar Karasala, Prasanthi Sarakula, Padma Rao Gollamudi and Siddaiah Vidavalur. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
10. Bu<sub>4</sub>Ni/TBHP catalysed efficient amide formation from alcohol and amines. L. Rajeswari, K. Bharat Kumar, I. Bhargavi, S. Prasanthi, G. Padma Rao, V. Siddaiah. One day National seminar on Recent Advances in Chemical Sciences (RACS). 26<sup>th</sup> October, 2017, Dr. B. R. Ambedkar University, Srikakulam.
11. Synthesis of putrescine bisamide as anti-microbial and anti-inflammatory agents. K. Bharat Kumar, R. Srinuvasa Rao, S. Prasanthi, I. Bhargavi, G. Padma Rao and V. **Siddaiah**. UGC sponsored-two day international conference on Emerging trends in Chemical, Pharmaceutical, Environmental Science &

Technology. 24<sup>th</sup> and 25<sup>th</sup> January 2017, Pithapur Rajah's Govt. college (A), Kakinada, A.P.

12. A distinct approach for the synthesis of 4-arylmethylidene-2-phenyl-5(4H)imidazolones using HClO<sub>4</sub>-SiO<sub>2</sub> as a heterogeneous catalyst under solvent free conditions in National Seminar on Current Research Trends and Developments in Organic Synthesis (CRTADIOS - 2015). 5<sup>th</sup>& 6<sup>th</sup> October, 2015, Adikavi Nannaya University, Rajahmundry, India.
13. Ligand-free copper (0) catalyzed direct C-H arylation of 1, 2, 4-triazoles and 1, 3, 4-oxadiazoles with aryl iodides in PEG-400 in National Seminar on Current Research Trends and Developments in Organic Synthesis (CRTADIOS - 2015). 5<sup>th</sup>& 6<sup>th</sup> October, 2015, Adikavi Nannaya University, Rajahmundry, India.
14. HClO<sub>4</sub>-SiO<sub>2</sub>: An Efficient Reusable Catalyst for the Synthesis of 3,4,5-Trisubstituted 1,2,4-Triazoles under Solvent-free Conditions in National Seminar on Current Research Trends and Developments in Organic Synthesis (CRTADIOS - 2015). 5<sup>th</sup>& 6<sup>th</sup> October, 2015, Adikavi Nannaya University, Rajahmundry, India.
15. Total synthesis of Modiolin. G. Padma Rao, U. Viplava Prasad and V. Siddaiah. National Seminar on Recent Trends and Future Perspectives in Material Science (RTFPMS)-2013. Held at Department of Inorganic and Analytical Chemistry, Andhra University during June 28-29, 2013.
16. Participated in one day work shop on current trends in Drug developed organized by Biotechnology and department of Organic Chemistry during 31<sup>st</sup> March 2012 at BRAU, Srikakulam.
17. Participated in National seminar on Frontier research areas in Organic synthesis (FRAOS 2011) during 29-30 November 2011. Held at Andhra University, Visakhapatnam.
18. Isolation of two new homoisoflavonoids from *Scilla indica* bulbs, V. Siddaiah, G. Padma rao, G. Mahaboob Basha, R. Sreenivas U. Viplava Prasad Poster presented at National Seminar on Recent Advances in Natural Product Chemistry (RANPC-2010) during 30<sup>th</sup> June 2010, Andhra University, Visakhapatnam, India.
19. PEG-mediated catalyst-free synthesis of Hantzsch 1, 4-dihydropyridines and poly hydroquinoline derivatives, V. Siddaiah, G. Mahaboob Basha and G. padma rao, U. Viplava Prasad Poster presented at the National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry during 29-30<sup>th</sup> March, 2010, SV University, Tirupati, India.
20. Total synthesis of naturally occurring Anti HIV Thalassiolins-C UGCDRS sponsored National seminar on recent research trends in synthetic Organic and Natural Products Chemistry (RRTSONPC) during 29-30 march 2010.
21. UGC-sponsored National seminar on new Frontiers in Chemical and

Environmental Sciences, Department of Chemistry, Govt. degree college of women, Srikakulam during 20-21<sup>st</sup> December 2010.

22. UGC-sponsored National seminar on Instrumentation and their applications during 13-14<sup>th</sup> March, 2009. Organized by Department of Organic Chemistry & FDW, Andhra University, Visakhapatnam.

23. PEG - mediated catalyst-free synthesis of Hantzsch 1, 4-dihydropyridines and polyhydroquinoline derivatives. National seminar on Recent developments in Green Chemistry (RDGC 2009), during 29-30<sup>th</sup> November 2009, department of Organic Chemistry & FDW, Andhra University, Visakhapatnam.

### **Declaration**

I hereby declare that the information furnished is true to the best of my knowledge and belief.

Date : 23<sup>rd</sup> May 2018

Station : Visakhapatnam

**Signature**