

CURRICULUM VITAE



Dr. GIRI PRASAD GORUMUCTHU_{M.Sc; Ph.D.}

Assistant Professor,

Department of Chemistry,

AG & SGS Degree & P.G. College

Vuyyuru, Krishna (Dt),

Andhra Pradesh - 522403

pandu4552@gmail.com

Mobile No: 7306338916, 6303205427

Present Status

- Working as a Assistant Professor in the Department of Chemistry, AG & SGS Degree & P.G. College; Vuyyuru, Krishna (Dt), Andhra Pradesh, India.

Career Objective

- A position in a result-oriented Organization that seeks an ambitious and career-conscious person where acquired education, skills, and experience will be utilized towards continued growth and advancement.

Educational Qualifications

Course	Institute	University/Board	Period of Study	% of marks	Division
Ph.D	Department of Chemistry A.N.U Campus	Acharya Nagarjuna University	2014-2019	-----	First
M.Sc. (Organic Chemistry)	Sir C.R.R. College, Eluru	Andhra University	2007-2009	74.8%	First
B.Sc (M.P.C.)	V.S.R.Govt. Degree & P.G. College, Movva	Acharya Nagarjuna University	2004-2007	64.7%	First
Intermediate	K.G.J. College, Movva	B.I.E., A.P	2002-2004	74.7%	First
S.S.C.	A.P.R.School, Nimmakuru	B.S.E, A.P	2002	72.8%	First

Extra Qualification:

- **GATE-2015**
- **APSET-2012**

Research Awards/Rewards

- Elected as **Research Associate Fellow in AP Akademi of Sciences-2020** (APAS) Amaravathi. A.P.

Computer Knowledge:

- **Diploma in Computer Applications (DCA) Conducted by “UR CHOICE COMPUTER EDUCATION”.**

Teaching Experience: Total Teaching Experience 12 years 3 months

- Worked as **Guest Lecturer** in Chemistry at VSR Govt Degree College, Movva, Krishna District from July 2009 to July 2012.
- Worked as a **Adhoc Lecturer** in Department of P.G. Chemistry at AG & SG Siddhartha Degree and P.G. College, Vuyyuru, Krishna District from August 2012 to January 2017.
- Worked as a **Lecturer** in Department of Degree & P.G. Chemistry at SBG Degree & P.G. College, Sattenapalli, Guntur, Andhra Pradesh, India from February 2017 to February 2021..
- Working as a **Assistant Professor** in Department of Chemistry at AG & SG Siddhartha Degree and P.G. College, Vuyyuru, Krishna District from 04-09-2021 to till date.

Subject Taught:**P.G.**

1. Inorganic chemistry (first and second semester).
2. Physical chemistry (first and second semester).
3. Organic chemistry (first and second semester).
4. Organic reactions and mechanisms and green chemistry (third and fourth semester).

Degree.

5. 1st B.Sc
6. 2nd B.Sc
7. 3rd B.Sc (Paper-3)

Ph.D. Thesis Title:

- Spectrophotometric Determination of Selected Pharmaceutical Drugs and Simultaneous Quantification of Each Drug Along With Related Potential Impurities by Liquid Chromatography.

Research Interest Areas:

- Method Development and Validation of pharmaceutical drugs, their impurities, and combinations by using HPLC, LCMS, UPLC, and Spectrophotometry.
- Environmental problems related to water and soil
- Reaction Mechanisms, Stability studies of bulk drugs.
- Synthesis of heterocyclic chalcones, flavones, and study biological activities such as anticancer, antioxidant, and antimicrobial activities.
- Synthesis and characterization of Nanoparticles.

Books & Book Chapters:

1. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Balamurali K, Determination of Riociguat using Ninhydrin as a Chromogen, Chapter -13, Recent Trends in Physics, Chemistry and Allied Sciences (ISBN: 978-93-86435-86-6), pp: 64-74, 2019, International Multidisciplinary Research Foundation, Vijayawada.

Research Publications:

Scopus Indexed Journals

Published papers

1. Kishore VNV, G.V.Ramana, R. Venkata Nadh and **Giri Prasad Gorumutchu**. Simultaneous quantification of tiagabine and its related substance by a stability indicating RP-HPLC method. Rasayan journal of chemistry. (**SCOPUS Indexed**, ISSN: 0974-1496, 14(3), (2021); 2236-2245), DOI: org/10.31788/RJC.2021.1446412.
2. **Giri Prasad Gorumutchu** and Venkata Nadh Ratnakaram, Determination of Mianserine using Tropaeoline-OOO by Ion Pair Formation, International Journal of Applied Pharmaceutics, (**SCOPUS Indexed**, ISSN: 0975-7058, 11(1) (2019) 168-173, DOI: 10.22159/ijap.2019v11i1.30125).

3. **Giri Prasad Gorumutchu** and Venkata Nadh Ratnakaram, Extractive spectrophotometric determination of ulipristal acetate using naphthol blue-black, Research Journal of Pharmacy and Technology (**SCOPUS Indexed**, ISSN: 0974-360X (Online), 0974-3618 (print)), 12(3) (2019) 1347-1352, DOI: 10.5958/0974-360X.2019.00226.9.
4. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, Kishore VNV, Ulipristal acetate determination using MBTH, International Journal of Research in Pharmaceutical Sciences (ISSN: 0975-7538, **SCOPUS Indexed**), 10(4) (2019) 3369-3375, DOI: <https://doi.org/10.26452/ijrps.v10i4.1646>.
5. **Giri Prasad Gorumutchu** and Venkata Nadh Ratnakaram, Determination of Mianserine using Fe³⁺-phenanthroline by visible Spectrophotometry, Research Journal of Pharmacy and Technology (**SCOPUS Indexed**, ISSN: 0974-360X (Online), 0974-3618 (print)), 12(1),(2019) 209-212. DOI: 10.5958/0974-360X.2019.00038.6.
6. **Giri Prasad G**, Venkata Nadh R and Kiran Kumar K, Ion-associative complex formation for estimation of piperacillin, International Journal of Research in Pharmaceutical Sciences (**SCOPUS Indexed**, ISSN: 0975-7538 online), 10(1) (2019) 117-124, DOI: 10.26452/ijrps.v10i1.1787.
7. **Giri Prasad Gorumutchu** and Venkata Nadh Ratnakaram, Diazocoupling for Determination of Selexipag by Visible Spectrophotometry. International Journal of Green Pharmacy (**SCOPUS Indexed**, ISSN: 1998-4103(online), 0973-8258 (Print)), 12(4) Suppl (2018) S822-S828,DOI: [org/10.22377/ijgp.v12i04.2261](https://doi.org/10.22377/ijgp.v12i04.2261).
8. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Sireesha Malladi Ion Pair Formation for Determination of Mianserine using Fast Sulphon Black F. Asian Journal of Pharmaceutics (**SCOPUS Indexed**, ISSN: 1998-409X (Online), 0973-8398 (Print)), 12 (4) (Suppl) (2018) S1390- S1396,DOI: 10.22377/ajp.v12i04.2940.

Web of Science Journals

9. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Sireesha Malladi, Ninhydrin based Visible Spectrophotometric Determination of Gemigliptin, Oriental Journal of Chemistry (**ESCI Indexed**, ISSN: 0970 – 020X (Print), 2231-5039 (online)), 35(1) (2019) 363-369, DOI: [org/10.13005/ojc/350145](https://doi.org/10.13005/ojc/350145).
10. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Kiran Kumar Katari, Piperacillin Estimation By Ion-Associative Complex Formation, Asian J Pharm Clin Res (**ESCI Indexed**, ISSN: 2455-3891 (Online), 0974-2441 (Print), 12(3) (2019) 1-5, DOI:

10.22159/ajpcr.2019.v12i3.29289.

11. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Sireesha Malladi, Determination of Riociguat by Oxidative Coupling using Visible Spectrophotometry, *Oriental Journal of Chemistry* (**ESCI Indexed**, ISSN: 0970 – 020X (Print), 2231-5039 (online)), 35(Special Issue-1) (2019) 48-53, DOI: [org/10.13005/ojc/35Specialissue107](https://doi.org/10.13005/ojc/35Specialissue107).
12. **Giri Prasad Gorumutchu**, Venkata Nadh Ratnakaram, and Kishore VNV, Visible Spectrophotometric Determination of Gemigliptin using Charge Transfer Complex, *Oriental Journal of Chemistry* (**ESCI Indexed**, ISSN: 0970 – 020X (Print), 2231-5039 (online)), 35(Special Issue) (2019) 694-699, DOI: 10.13005/ojc/350226.
13. **Giri Prasad Gorumutchu** and Venkata Nadh Ratnakaram, Oxidative Coupling: A Tranquil Approach for Determination of Selexipag by Visible Spectrophotometry, *Oriental Journal of Chemistry* (**ESCI Indexed**, ISSN: 0970 – 020X (Print), 2231-5039 (online)), 34(6) (2018) 3112-3117. DOI: 10.13005/ojc/340656.

Papers presented at conferences:

1. “Ulipristal Acetate and its Impurities Estimation by RP-HPLC Method” presented at UGC sponsored International Conference on “Advances in Chemistry and its Related Sciences (ACAS-2021)” held at Department of chemistry, *Acharya Nagarjuna University*, Nagarjuna Nagar Guntur on 17th to 18th, March 2021.
2. “Liquid Chromatographic Estimation of Selexipag” presented at UGC sponsored National Conference on “Synergetic Research Developments in Chemical, Biological and Environmental Sciences” held at Department of chemistry, GITAM-Bengaluru Campus in collaboration with “Association of Chemistry Teachers” on 12th March 2020.
3. “Liquid Chromatographic Estimation of Gemigliptin” presented at UGC sponsored International Conference on “Recent Advances in Chemical, Pharmaceutical and Biological Sciences” held at Department of chemistry, *Acharya Nagarjuna University*, Nagarjuna Nagar Guntur on 5th to 7th, March, 2020.
4. “Determination of Riociguat using Ninhydrin as a Chromogen”, presented at (IMRF) International Multidisciplinary Research Foundation Sponsored Two days International Forum on “Recent Trends in Physics, Chemistry and Allied Sciences for Sustainable Development 2019.” Held at *Ch. S. D. St. Theresa’s College, Eluru* on September 27 – 28.

5. "HPLC Method for the Estimation of Mianserin", presented at UGC Sponsored One day International Seminar on "Recent Developments and Applications of Physico-Chemical Characterization Techniques" held at *J.K.C.College, Guntur* on 04-01-2019.
6. "*Piperacillin* Estimation by Ion-Associative Complex Formation", presented at UGC sponsored national symposium on "Emerging Trends in Organic Chemistry" (NSETOC-2018) held at *KBN College, Vijayawada* on 28-29th Sept' 18.
7. Determination of Mianserine using Fe³⁺-phenanthroline by visible Spectrophotometry. International Conference on "chemistry of sustainable future" organized by the department of integrated chemistry, *Palmur University* during 7-9 AUG, 2018
8. "Piperacillin Estimation by RP-HPLC Method", presented at One Day National Seminar on "Recent Advances in Medicinal Chemistry" held at *JKC College, Guntur* on 21st February 2018.
9. "Spectroscopic Method for Estimation of Selexipag" presented at UGC sponsored International Conference on "Materials for Energy and Environmental Protection" held at *Sir C.R.Reddy College, Eluru* on 12th and 13th February 2018.
10. "Nitrogen Donors in Organometallic Chemistry & Homogeneous Catalysis" presented at UGC sponsored International Conference on "Advances in chemical science (NSACS-2015)" held at *KBN College, Vijayawada* on 18th and 19th September 2015.

Workshops attended:

1. Participated in *one week GAIN course* on synthesis, characterization, processing, and applications of nanomaterials organized by metallurgical and materials engineering, **NIT WARANGAL**, during 7-11 march 2016.
2. Participated in two days *National level workshop in Instrumentation* organized by the A.G & S.G. Siddhartha College Vuyyuru, during 8-9 October 2010.

Webinars Attended:

1. Participated in UGC Sponsored (under Paramarsh Scheme) International e-Conference entitled "Two-Day Virtual Workshop on Outcome Based Education" organized by the IQAC-GITAM-Bengaluru Campus from 25th to 26th March 2021.

2. Participated in an International e-Conference entitled “Advances in Science and Technology for Betterment of Health, Environment, and Energy” organized by the GITAM-Bengaluru Campus from 1st to 3rd December 2020.

DECLARATION

I hereby declare that the above-written particulars are true to the best of my knowledge and belief.

Place:

Date:

(Dr. G. Giri Prasad)

Signature of Candidate