

Dr. G. Sujatha M.Sc, PhD, TS-SET
Assistant Professor, Osmania University

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Professional Summary

Dedicated and student-focused Chemistry Lecturer with over 21 years of experience in teaching, research, analytical chemistry, and laboratory supervision. Skilled in curriculum development, instrumentation handling, research mentoring, data analysis, and academic excellence.

Core Skills

- Organic Chemistry Expertise
- Laboratory Management & Safety
- Research & Data Analysis
- UV-Vis Spectrophotometry, NMR, IR.
- Scientific Writing & Publications
- Student Mentoring & Examination Management
- Curriculum & Academic Planning

Professional Experience

- **Assistant Professor -Chemistry**

Department of Chemistry, Engineering College, Osmania University, Hyderabad (2009 – Present)

- Teaching Organic, Inorganic, and Physical Chemistry for B.Tech and B.Sc programs.
- Conducting laboratory experiments ensuring safety and compliance.
- Contributing to academic audits, NAAC documentation, and departmental activities.

- **Lecturer – Chemistry**

Avanthi Degree College, Narayanaguda, Hyderabad (2008 – 2009)

- Taught B.Sc Chemistry subjects and conducted laboratory sessions.

- **Lecturer – Chemistry**

HRD Degree & P.G College, Narayanaguda, Hyderabad (2006 – 2008)

- Handled B.Sc I–III year theory and practical classes.

- **Lecturer – Chemistry**

Padmavathi Junior & Degree College for Women, Warangal (2004 – 2006)

- Taught Intermediate & B.Sc students and supervised chemistry labs.

Education

- PhD (Chemistry) – Osmania University, 2022
- M.Sc (Organic Chemistry) – N.B. Science College (OU), 2003
- B.Sc (BZC) – Women’s Degree College, 2001
- Intermediate (BiPC) – Govt Junior College, 1998
- SSC – Girls High School, 1996

Research Publications (Selected)

- Spectrophotometric determination of Drugs using Tetracyanoethylene – Materials Today Proceedings, 2016.
- Drug Determination using CT Complexes with DDQ – IJPRS, 2017.
- Molecular modeling & docking studies of CYP450 inhibitors – IJPSR, 2018.
- Drug Determination using NBS – IJRPC, 2018.
- Drug interaction studies on Cytochrome P450 – Sambodhi Journal, 2020.
- Quantification of Drugs using NBS & Amaranth Dye – Sambodhi Journal, 2021.

Technical Skills

- NMR, IR, UV-Vis Spectrophotometry
- Molecular Docking & Computational Chemistry•

ChemDraw, Origin, MS Office

Certifications

- Qualified APSET – 2012

CONFERENCES

1.Participated in postal presentation ICMRA-2016 at CMR Technical Campus, Kandlakoya (V), Medchal (M), Hyderabad-501401.

2.Participated oral presentation in the online conference at St. MARTIN'S ENGINEERING COLLEGE"(ICCIASH-2020) dulapally, Secunderabad – 500100, Telangana State, India

Personal Details

- Date of Birth: 08-02-1981
- Languages: English, Telugu
- Nationality: Indian

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge.

Date :

Thanks & Regards

Place :

Dr. G. Sujatha