RESUME

NAME : DR. GURRALA JAYALAKSHMI

DEPARTMENT : CHEMISTRY

MOBILE NO : 9849994445

CADRE : ASSOCIATE PROFESSOR

TOTAL EXPERIENCE : 24

AWARDED PhD : 2021

PRESENT : Head of Department.

Educational Qualifications :

SNO	CLASS	PERCENTAGE /GRADE
1.	SSC	72
2.	BOARD OF INTERMEDIATE	73
3	BSc (MPC)	80
4.	MSc (ORGANIC CHEMISTRY)	67
5	MPhil	A
6	BEd	62
7	PhD	Completed

Paper publications : 7

1. Structural elucidation of a New Novel Pentacyclic Triterpenoid Isolated from *Caralluma attenuata* Root **DerPharma Chemica 2019**
2. Attendiol, a new pentacyclic triterpenoid isolated from *Caralluma attenuata* **Journal of Pharmacology and Phytochemistry 2019**
3. A novel pentacyclic triterpenoid isolated from *Caralluma attenuata* **European journal of Phytochemistry 2017**
4. A novel pentacyclic triterpenoid isolated from *Caralluma attenuata* **European journal of Phytochemistry 2016**
5. A novel pregnane glycoside from *Caralluma Umbellata* Haw (Asclepiadacea) roots **Journal of Natural science Research 2013**
6. Acampaquinone a novel phenanthraquinone isolated from the whole plant of *Acampa premorsa* **Journal of Biology, Agriculture and Healthcare 2012**
7. A new steroid isolated from *Leucas cephalotes* **Asian Journal of Chemistry 2019**

Guest lectures :

1. Group theory and applications for I MSc at TJPS COLLEGE, Guntur 12-12-2024
2. Green chemistry for III BSc at St. Annes College for Women 16-11-2023

Certifications :

NPTEL DISCIPLINE STAR JAN-APR 2024

NPTEL:

S no	Name of course	Month-year	grade
1	Transition Metal Organometallics in Catalysis and Biology	Jan-Apr 2026	Elite (Topper)
2	Cycloadditions	July-Dec 2026	Elite
3	Characterization of Polymers, Elastomers and Composites	Jan-Apr 2025	Elite
4	Metal Mediated Synthesis - I	July-Dec 2026	Elite
5	Molecular Rearrangements and Reactive Intermediates in Organic synthesis	Jul-oct 2024	Elite
6.	Supramolecular chemistry -I	Feb-Apr2024	Elite
7	Principles of Organic Synthesis	Jul-Oct 2023	Elite
8	Bioinorganic chemistry	Jan-Feb 2023	Elite
9	Applications of Spectroscopic Methods in Molecular Structure Determination	Jul-Sep 2023	Elite
10	A study guide in organic retrosynthesis: problem solving approach	Jan-Apr 2022	Elite
11	Electronic waste Management – Issues and Challenges	Jan-feb 2022	Successfully completion
12	Introductory Organic chemistry II	Jul-Sep 2021	Elite
13	Pericyclic reactions and organic photochemistry	Feb-Apr 2020	Covid pass
14	Introductory Organic Chemistry - I	July-Sep 2019	Silver elite

EDX courses :

SNo	Name of course	year	university
1.	Preuniversity chemistry	May 2024	Delft university of Technology
2.	Innovate & Regulate: Drug Research Costs, Clinical Trials and Approval	June 2024	Davidson College

Skill based Education attended: 1

Workshops attended: 5

Seminars attended national and International: 17

Life member Act 2025