

FACULTY PROFILE - 2

Name	Silpa Rani Medapilli
Designation	Lecturer
Department	Chemistry
Date of joining	28 th November, 2011 (PG) & 8 th August, 2015



Qualification with Class / Grade:

Qualifying Examination	University / Institute	Year of Passing	% of marks obtained	Grade
M.sc	Andhra University	2009	79.40%	7.94
M.Phil.	--	--	--	--
Ph.D.	Registered	2023	--	--
Other Qualification	Ap SET & AP R CET	2017 & 2022	62% & 71%	--

Working Experience:

PG Course	2011 – 2014	2 years 5 months
Degree Course	2015 – Till Date	
		Total – 15years

Activities:

Papers Published	National: 1	International: 4
Seminars attended	National: 10	International: Nil
Papers presented in conferences	National: 2	International: Nil
Projects guided	CSP to Degree students	

Faculty - 2

Medapalli Silpa Rani

Qualifications: M.Sc., AP SET., AP R CET

Paper Publications:

S.No	Paper title	Publication type	ISBN/ISSN Number	Year of Publish
1.	Mental Health of Indian Population during Covid - 19 Pandemic: A Review	National Publication	ISBN: 978-93-5457-589-1	2021
2.	Consequences on Consumption of Corticosteroid Drugs and it's Harmful Effects on Humans: A review.	International Publication	ISSN: 2471-6782	2021
3.	Corticosteroids Versus Nanotechnology for SARS-CoV-2 Treatment	International Publication	ISSN: 2581-3048	2022
4.	Synthesis of biogenic Silver Nanoparticles (bAgNPs) using leaf extract of Mirabilis jalapa and evaluation of anti-vibriocidal, anti -oxidant properties and cytotoxicity.	International Publication	12668-023-01060	2022
5.	Anti-Vibriocidal activity and gas chromatography mass spectrometry (GC – MS0 based chemical composition of Mirabilis jalapa leaf methanolic extract.	International Publication	E – ISSN: 2278-4136 P – ISSN : 2349-8234	2023
6.	Synthesis of silver nanoparticles@ carbon Dot		<u>Volume 13</u> , January 2025, 101964	

	nanocomposites using Aegle Marmelos and euphorbia hirta: anti vibriocidal and antioxidant properties	International Publication		2025
7.	Evaluation of anti-vibriocidal, antioxidant properties and cytotoxicity of bio fabricated/green synthesized silver nanoparticles using <i>Euphorbia hirta</i> L. leaf extract.	International Publication	Volume 7 , April 2025, 100355	2025
8.	<i>Nyctanthes arbor-tristis</i> Leaf Derived Carbon Dots (CDs & N-Doped CDs) and their Photocatalytic Properties on Bisphenol A	International Publication	https://doi.org/10.2991/978-94-6463-648-2_8	2025

Conference Talk:

S.No	Title of the Paper	Conference Type	Conference	Year
1.	Synthesis of Pyridine derivatives by Green Approach	National	Recent evolutions & Applications in Chemistry (REACH – 2022)	2022
2.	Applications of Silver Nanomaterials in Bone Tissue Regeneration	National	Recent evolutions & Applications in Chemistry (REACH – 2022)	2022

Courses/ Programs attended:

S.No	Program Type	No.of Courses	Organized by
1.	Intern Ship & LMS	1	CCE
2.	Faculty Development Program	1	CCE

Teacher Achievements:

- ✧ AP R CET Qualified – 2021 & 2022
- ✧ Ph.D Registered - 2022

Seminars/Webinars Attended:

S.No	Program Type	Concept	Organized by
1.	UGC National Seminar	Emerging Trends in Instrumental Methods of Chemical Analysis	Govt. Arts College, RJY
2.	UGC National Seminar	ACS – 2K 19	Govt. Arts College, RJY
3.	National Seminar	RASAYAN – 2K19	Govt. Arts College, RJY
3.	National Webinar	Chemistry on Covid-19	Govt. Mahatma Gandhi Memorial PG College
4.	National Webinar	Advanced Chromatography Techniques and Industry Applications.	AKNU
5.	National Webinar	Analytical Techniques for Composition Measurements	RBS Engineering College, Agra
6.	National webinar	Applications of Chemistry: Soldier & Society	YN College, Narsapur
7.	National webinar	Total Synthesis of Natural Products using Chiral pool Compounds	Loyola College, Vijayawada
8.	International Seminar	ICBEST - 2024	Govt. College (A), RJY
9.	International Conference	Resilient Innovations for Subsistence Environment	Govt. College (A), RJY
10.	International Conference	Frontiers in Physical, Chemical and Biological Sciences (FPCBS – 2025)	AKNU, RJY
11.	International Seminar	Advanced Organic synthesis and Pharmaceutical innovation for a sustainable future	Govt. College (A), RJY
12.	International Conference	ICRISE - 2025	Govt. College (A), RJY

Committee:

S. No	Committee	Role in the Committee
1.	Academic Cell & Academic Audit	Member
2.	Hand Book Committee	Member
3.	Student Discipline Committee	Floor In-charge
4.	Timetable preparation committee	Convenor
5.	Examination Committee	Member
6.	Anti-Ragging Committee	Member
7.	LMS	Member
8.	Student Profile & Data base Maintenance	Coordinator