

PROFILE

Y.RAMYA

Lecturer, Dept. of Chemistry

Qualification: M.Sc., B.Ed., APSET

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Experience: 10 Years

- ✚ 1 Years in LHR Govt. Degree College, Mylavaram.
- ✚ 3 Years in Sri Vani Engineering College, Mylavaram.
- ✚ Has been working in SDMSMK, Vijayawada from 2018.

Academic Profile

COURSE	NAME OF THE INSTITUTION	YEAR OF PASSING	PERCENTAGE OF MARKS
B.Ed	Sri Saradhi College, Nuzivid.	2014-2015	70%
M.Sc.	Acharya Nagarjuna University, Guntur	2012-2014	75%
Degree	Vikasa Degree College, Vissannapet	2009-2012	80%
Intermediate	Vikas Junior College, Reddy Gudem	2006-2008	79%
SSC	Z.P. High School, Naguluru	2002-2006	75%

Achievements

- Qualified **APSET** 2019.
- Completed Two NPTEL **Online Certification** Courses.
- Completed One Online course in CourseEra.
- Acted as a **Judge** in **Sudha Science Exhibition -2024** organized by **St Jones EM high school** Vijayawada on 27-01-2024.

Subjects Handled:

- ❖ Analytical Methods in Chemistry-II
- ❖ Inorganic Chemistry-I
- ❖ Inorganic, Organic and Physical Chemistry
- ❖ Inorganic, Organic and Physical Chemistry-II
- ❖ Inorganic Chemistry and physical chemistry –II.
- ❖ Medicinal and Pharmaceutical Chemistry
- ❖ Physical and General Chemistry.
- ❖ Chemistry of Cosmetics
- ❖ Environmental Education

Publications:

1. Published a Paper titled **A Study on Water Quality Parameters In Vijayawada Region with ISSN NO: 0886-9367** in **The International journal of Analytical and Experimental Modal Analysis** on May 2022.
2. Published a Paper titled **Quantitative Analysis of Baricitinib In Pharmaceutical Dosage Form with ISSN NO: 0022-1945** in **The International Journal of Interdisciplinary Cycle Research** on July 2022.
3. Published a Paper titled **Predicting Molecular Properties of Geduni Derivatives Through AI with ISBN NO: 978-81-958704** in National Seminar on Artificial Intelligence in Chemistry: Current Trends & Future Trends and Future Directions (NSAIC-2023) 23rd November 2023.
4. Published a Paper titled **Quantitative Analysis of Tazemetostat In Pharmaceutical Dosage Form By HPLC with ISBN:978-93-340-2528-6** in **The Two Day International Conference on Chemical and Biochemical Approaches for Development of Drug Targets Against Modern Diseases on 28th & 29th February 2024.**
5. Published a Paper titled **Quantitative Analysis Of Methomyl In Pharmaceutical Dosage Form By RP-HPLC Method with ISBN:978-93-340-2528-6** in **The Two Day International Conference on Chemical and Biochemical Approaches for Development of Drug Targets Against Modern Diseases on 28th & 29th February 2024.**
6. Published a paper titled **Review on Green Synthesis of Nanomaterials: Sustainable Approaches and Multifaceted Applications** in the **International Journal of Pharmaceutical Sciences** with ISSN: 0975-4725; CODEN (USA):IJPS00 Journal Homepage: <https://www.ijpsjournal.com>. April 12, 2024.
7. Published a paper on "Development and Evaluation of Sustained Release Venlafaxine Hydrochloride Tablets using HPMC and SCMC Matrix Systems -"A comprehensive review" in an **International Journal of Pharmaceutical Sciences**, ISSN: 0975-4725;CODEN(USA): IJPS00 in October 2024. <https://zenodo.org/records/13910760>.

Positions Held:

- ❖ **NCC Officer**
- ❖ **Student SMS**
- ❖ **Convener, Staff Club.**
- ❖ **Member, Criteria-I.**
- ❖ **Member, Feedback Committee.**
- ❖ **Member, ICT Committee.**
- ❖ **Member, Eco Club.**
- ❖ **Member, Discipline Committee.**
- ❖ **Member, MOOCs Committee.**
- ❖ **Member, Admission Committee**

Workshops/ Seminars/FDP /Attended:

- ✚ Attended workshop on E-Learning and developing massive open online courses (MOOCs) at P.B Siddhartha College, Vijayawada on 22-07-2018.
- ✚ Completed NPTEL online course "Natural gas engineering" (8 weeks course) conducted by Indian institute of technology Guwahati.
- ✚ Completed AICTE approved online FDP course.

- ✚ Participated in a One-Day International Workshop & Exhibition on Nano Science organized by K.B.N. College, Vijayawada on 15-11-2018.
- ✚ Participated in Two day national workshop on “Content Designing And Development In MOOCs and MOODLE “ S.D.M.S.M Kalasala, VIJ.
- ✚ Participated International Conference on “Science, Technology And Management” S.D.M.S.M Kalasala, VIJ.
- ✚ Five Days FDP on Statistical Analysis Using SPASS and R-Programing by SDMSMK from 7th Nov to 11th Nov 2022.
- ✚ Two Days International Webinar on “Environmental Sustainability and Development” by YVNR Government Degree College, Eluru on 9th & 10th November 2022.
- ✚ National Webinar on “Research Methodology” by Sir CR Reddy College for Women, Eluru on 18th & 19th November 2022.
- ✚ Online Quiz on “National Constitutional Day” organized by SDMSMK on 28th November 2022.
- ✚ Act as a Judge for “Elocution Competition” conducted by Physics Department, SDMSMK on 12th December 2022.
- ✚ International Webinar on “Academic Writing” by Government Degree College, Rajahmundry on 25th February 2023.
- ✚ National Webinar on “Story Telling with Data” by RUSA University of Mumbai on 15th July 2023.
- ✚ One Week FDP on “Utilization of Cutting Edge Instrumental Techniques in Drug & Development” by KVSr Siddhartha College of Pharmaceutical Sciences from 25th July to 11th Aug 2023.
- ✚ Training Program on National Intellectual Property Rights Awareness mission by SDMSMK on 31st July 2023.
- ✚ FDP on Challenges and Opportunities In Chemistry Education In The 21st Century by SRM University on 04-11-2023.
- ✚ FDP on “Essential Skills for Research Writing” by IQAC, SDMSMK on 11th Aug 2023.
- ✚ International webinar on Exploring Research trends in chemistry and biochemistry by SRR&CVR Govt College on 29-11-2023.
- ✚ Two Day national seminar on Artificial intelligence in chemistry: current trends and future predictions by APSCHE & KBN College on 22nd & 23rd November 2023.
- ✚ National Webinar on Role of AI in Chemistry organized by Sri ABR govt degree college Repalle on 24-01-2024.
- ✚ One Week FDP on AI Enabled AR/VR in communications by Nalla Narasimha Reddy College from 3rd - 7th October 2023
- ✚ Participated in National Online Quiz on General Science and Obtained score 100%
- ✚ National level online quiz on Environmental and organic chemistry by SDMSMK.
- ✚ National Webinar on Tiny Wonders big future making and understanding Nano Materials by DS Govt Degree college for women.
- ✚ One day National Webinar on Advanced tools for Research Methodology by Govt degree college, Avanigadda on 29th April 2024.
- ✚ International Webinar 2k24 on Nutrition a five day lecture series event organized by St.Josephs College for women, Visakapatnam on 6-9-2024.
- ✚ Participated Rally on Flag day conducted by District collector, NTR on 7-12-2024.
- ✚ Department of Chemistry and bio chemistry organised a 2days international conference on **chemical and biochemical approaches for Development of Drug targets against modern diseases(ICCBAD24)**
- ✚ One day National Webinar on New initiatives in the field of chemistry in 21st century by SDMSM degree college, Vijayawada on 2024.



Online Webinars/Workshops/Quizzes/FDP's attended from May 2020:

- Webinars: 110
- Workshops: 10
- FDP's: 15
- Quizzes: 70
- Online Courses:04