



Dr. G. Vijaya Lakshmi M.Sc., Ph.D
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Dr. G. Vijaya Lakshmi Assistant Professor, at Department of Chemistry, University College for Women, Osmania University (OU) has completed M Sc in Physical Chemistry in the year 1997 from UCS, OU and completed Ph.D. under the able guidance of Prof. P. Jayaprakash Rao on the topic “Kinetics and mechanism of protection of nucleic acid constituents from t -BuO \cdot by antioxidants and synergistic interactions”. She received Best Outgoing Student Award at Undergraduate level from RBVRR Women’s College and two Best Poster Awards at Conferences held at OU. She has over 18 years of teaching experience and 12 years of research experience. Currently she is guiding 5 students in chemistry and 2 students in pharmacy towards Ph.D. with one student submitting Ph.D. thesis. She has published 16 research articles in reputed National and International journals and 3 research articles have been communicated. She has presented her research work at various National and International Conferences/Seminars through 6 poster and 11 oral presentations. She has completed two year research project on “Kinetic and mechanistic studies of protection of DNA model systems by flavonoids from photochemically generated tert-butoxyl radical–A synergistic approach” sponsored by UGC, New Delhi under UGC-BSR Start-Up Research Grant awarded in the year 2014. She has attended 41 National and International Conferences/Seminars/Workshops/RC/OC across the country.

Dr Vjaya Lakshmi is Life Member of several Chemistry Associations such as Association of Chemistry Teachers (ACT), Mumbai, Indian Society for Radiation and Photochemical Society (ISRAPS), BARC, Mumbai, Society of Environmental Chemistry and Allied Sciences (SECAS), Kerala, Indian National Science Congress, Kolkata.

Dr. Vijaya Lakshmi is actively involved in several Extension and Outreach programmes by delivering guest lectures, conducting quiz competitions based on demonstration experiments, etc in association with Jana Vignana Vedika, Hyderabad for more than 10 years. Her research areas include chemical kinetics, photochemical studies of phytochemicals by radicals, Nanotechnology - Ecofriendly green synthesis of metal nanoparticles, characterization and pharmacological activities of synthesized metal nanoparticles.

She has joined Osmania University as Assistant Professor in the year 2013 at Department of Chemistry, Nizam College, Osmania University (OU) and later was transferred to Osmania University College of Technology. Presently, she is working as Assistant Professor, Department of Chemistry, and University College for Women, OU.

She is also an Editorial Board Member of International Journal of Thermodynamics and Chemical Kinetics, International Journal of Photochemistry, International Journal of Green Chemistry, Journal of Environmental and Chemical Engineering and European Journal Pharmaceutical and Medical Research and has reviewed few research articles.