



Dr. M. Vijjulatha MSc., PhD
Professor of Organic Chemistry

Prof. M. Vijjulatha Principal, University College for Women, Koti, Hyderabad Department of Chemistry, University college of science, Osmania University. Email id: vijjulatha@osmania.ac.in, vijjulathamanga@gmail.com, Prof. M. Vijjulatha (born 1970) did her M.Sc (1992) and Ph.D (1998) in Chemistry from University of Hyderabad as Junior Research Fellow and Senior Research Fellow (CSIR, New Delhi, India). She joined as faculty in Department of Chemistry, University college of Science, Osmania University in December 1999 and has 30 years of research and 23 years of teaching experience, former Dean, Development and UGC Affair, Osmania University and presently deputed as Principal, University College for Women, Koti. So far, she has supervised 13 PhD's and presently guiding 8 students for their doctoral degree. Her area of Specialization is organic chemistry and research area is Molecular modeling and medicinal chemistry a sandwich of computational and synthetic organic chemistry. Thrust area of interest is computational design and synthesis of novel drug like molecules having high potency towards inhibition of HIV-1 with a special focus on non-trivial proteins and inhibition of proteins involved in signaling and transduction, DNA synthesis, angiogenesis, antiviral, antibacterial and antimalarial. She has 108 scientific articles in peer-reviewed journals with 1044 citations with a h-Index of 19 and i10-index of 35 to her credit. She was the sectional president for Organic Chemistry of Indian Council of Chemists (2021). She is conferred with State award for meritorious Teachers 2019 by Government of Telangana. She is Fellow of Telangana academy of sciences, member of American Chemical Society and Life Member of Indian Science Congress and Indian Women Scientists Association. She has reviewed several research articles of reputed international Journals, in the field of Molecular modeling and Medicinal chemistry like Medicinal Chemistry Research, Royal Society of Chemistry advances, Bioorganic and medicinal chemistry, Bioorganic and medicinal chemistry letters, Computer aided drug design, computational biology and chemistry, journal of biological structure and dynamics, Indian journal of chemistry Sec-B etc. She is a Resource person for many Institutes like NIPER Hyderabad, JNTU Hyderabad, several post graduate colleges, pharmacy colleges and an invited speaker for national and international conferences. She is a recipient of major research grants from - UGC (2008-2011 and 2013 - 2017); DST "Young Scientist Scheme" (Chemical Science), CSIR (2011-2014), DST-SERB: (2013-2017); Mentor for DST Women Scientist Scheme A (2013-2016), UGC UPE FAR OU (2014 and 2017), DST-PURSE Programme - (2017- 2021), DST-SERB (2019- 2022), CSIR (2019-2022) DBT-BIRAC COVID-19 (2020- 2022). She has successfully completed seven research projects and has three ongoing projects. Her research group has presented 70 papers in national and international conferences.