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Dr Padmavathi completed her M.Sc. in Chemistry from Nizam College, Osmania University(1989) and Ph.D from IIT, Bombay (1994). She did short post-doctoral stints at Emory University, Atlanta, U.S.A.,(1995) and Institute for Molecular Science, Okazaki, Japan(1996). She joined the service as Assistant Professor in the year 2007. She has 23 years of teaching and research experience. She published 25 research articles in National and International Journals. Two students were awarded with their Ph.D and 3 research scholars are pursuing for their Ph.D. degree under her guidance. She completed three minor research projects funded from UGC-SERO, UGC-UPE-FAR, OU-DST-PURSE. Since 2014, She co-authored 9 chapters in B.Sc chemistry text books published by Telugu academy. Her research interests are mainly in the area of physical organic chemistry with emphasis on Application of Computational Quantum Chemistry to Real Time Problems.