



**Dr. V. Shashikala M.Sc., Ph.D**  
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**Dr. V. Shashikala**, Assistant Professor, joined in Osmanai University in the year 2013 with 6 years of research experience as **Visiting Scientist** in Korea Institute of Science and Technology (KIST), Seoul, South Korea. She completed her doctoral work on “*Catalytic approach for drinking water purification: I. Control of microorganisms using supported nano-silver catalysts. II. Defluoridation of ground water over carbon supported Activated Aluminas*” under the able guidance of **Dr. K. S. Ramarao**, Senior Scientist, Present Head of the C & PC division, Indian Institute of Chemical Technology (IICT). She received Ph.D. degree from Osmania University in 2007. She is the Recipient of ‘National Eligibility Test for Lectureship’ from CSIR, New Delhi, after completion of her Masters in Chemistry (Inorganic Chemistry) from Osmania University in 1999. She has 16 years of research and 5 years of teaching (UG and PG) experience. She worked in various projects during this period. In her credit there are total of **6 patents** (4 - US patents, 1- Indian patent, 1- Korean patent) granted and **16 papers** published in International and National Journal. She attended many International and National Conferences/Seminars/Workshops and presented her work in Posters and Orals. Her area of research work is synthesis of catalysts, nano-materials and studying their characterization and applications. She is expert in constructing the online reaction systems. Presently she is working on the project “Synthesis, stabilization and characterization of nano Cu – Ink’ sponsored by UGC, New Delhi under UGC-BSR Start-Up Research Grant.