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Dr. Ushanandhini is working as aAssistant Professor in the department of Chemistry at SRMIST, Ramapuram. She graduated in physical Chemistry at Madras University, Chennai. She pursued her Ph.D. in Physical Chemistry at the University of Madras, Chennai. She is in the teacher profession for more than 10 years. She has presented number of papers in both National and International JournalsConference and Symposiums.

Selected Publications:

1. Synthesis, crystal elucidation, spectroscopic analysis, DFT, NLO and biological studies of N-(1H-benzimidazol-2-yl) benzamide heterocyclic compounds
2. Cassia alata seed activated carbon for the removal of synthetic dye Methyl Orange from waste water
3. Fluoride mediated radiosynthesis of [11C]carboxylic methyl esters and [11C]methyl ethers
4. Design of Enhanced Nested Cuckoo Optimization based Machine Learning Algorithm for Water Quality Prediction Model
5. Modelling of Deep Learning Empowered Predictive Model for Ethylene Production in Hydropower Industries
6. Scavenging methyl orange dye from aqueous solution using an effective low-cost activated carbon prepared from delonix Regia seeds