LIST OF PUBLICATIONS


4. Combined Experimental and TD-DFT Computational Study of UV Spectra of Halogen Substituted Benzene, research paper is presented in national conference on mathematical analysis & modelling (NCMAM) SRM University, Modinagar (Ghaziabad) (2012).


6. Vibrational spectroscopy (FTIR and FT Raman) investigation using ab initio (HF) and DFT(B3LYP) analysis on the structure of some substituted benzene, paper presented in national seminar on recent trends in advancement of mathematical and physical sciences, D.N.College, Meerut (2011).

7. Solvent effect on electronic absorption spectra of some substituted benzene, paper presented in national seminar on recent trends in advancement of mathematical and physical sciences, D.N.College, Meerut, (2010).

8. FT-IR, FT-Raman, ab initio, HF and DFT studies and electronic structure calculations on 1,4-Dibromo-2,5-dimethoxybenzene (Communicated in Spectro Chemica Acta Part A: Molecular and Biomolecular Spectroscopy).