



**UNIVERSITY COLLEGE OF ENGINEERING
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DESIGNATION : **ASSISTANT PROFESSOR**
DEPARTMENT : **CHEMISTRY**
EXPERIENCE : **UG- 4 YEARS**



AREA OF INTEREST : 1) **INORGANIC & ENVIRONMENTAL CHEMISTRY**
2) **METAL COMPLEXES**
3) **BIOLOGICAL STUDIES OF METAL COMPLEXES**
4) **INTERACTION OF METALS AND PLANTS**

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LIST OF PUBLICATIONS

- An approach for arsenic in a contaminated soil: speciation, fractionation, extraction and effluent decontamination, A Giacomino, M. Malandrino, O. Abollino, M. Velayutham, T. Chinnathangavel, E. Mentasti, *Environmental Pollution.*, 158 (2010) 416-423



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- Synthesis, structural characterization, cyclic voltammetric and antimicrobial studies of tetraaza 13-membered macrocyclic copper(II), cobalt(II), nickel(II) and zinc(II) complexes derived from the Schiff base 3-salicylidene-2,4-di(imino-4'-antipyrinyl)pentane and *o*-phenylenediamine, N.Raman and C.Thangaraja, *Polish J. Chem.* **79** (2005) 1123.
- Schiff base and its bivalent metal complexes, N.Raman and C.Thangaraja, *Trans. Met. Chem.*, **30** Synthesis and structural characterization of a fully conjugated macrocyclic tetraaza(14) membered (2005) 317.
- Synthesis, spectral characterization, redox and antimicrobial activity of transition metal complexes derived from 4-aminiantipyrine and 3-salicylideneacetylacetone, N.Raman, C.Thangaraja and S.Johnsonraja, *Central European Journal of Chemistry*, **3(3)** (2005) 537