



Dr. C. RAJARATHINAM

Assistant Professor

Department of Chemistry

I enjoy my profession of teaching Chemistry at the tertiary Level and I deem it a great responsibility of disciplining the students to be socially conscious and committed.

Contact

St. Joseph's College (Autonomous) ,

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Tamil Nadu, INDIA,

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ACADEMIC PROFIE

2021: Ph. D. in Chemistry

Periyar E.V. R College, Trichy-620023

2005: M. Phil. Chemistry

Loyola College, Chennai600034, Passed in FIRST Class

2002: M.Sc. Chemistry

St. Joseph's College, Trichy-620002, Passed in FIRST Class

2000: B. Sc. Chemistry

St. Joseph's College, Trichy-620002, Passed in FIRST Class

1994: HSC: De Britto Higher Secondary School, Devakottai.

1992: SSLC: St. Mary's Higher Secondary School, Madurai.

2012: *Exam Cracked: State eligibility test:*

Professional Qualifications and Experience

2017: UGC-SPONSORED ORIENTATION PROGRAMME

Academic Staff College, Bharathidasan University, Tiruchirappalli 620 024

2019 : SWAM ARPIT REFRESHER COURSE IN CHEMISTRY

Sri Guru Tegh Bahadur Khalsa College, University of Delhi,

2021 : UGC-SPONSORED REFRESHER COURSE IN CHEMISTRY

Academic Staff College, Ranchi University, Ranchi

2022: UGC-SPONSORED REFRESHER COURSE IN CHEMISTRY

Academic Staff College, Madurai Kamaraj University, Madurai- 625 021

Teaching Experience: 18 years of B.Sc and M.Sc Chemistry

Research Project completed

A novel electrochemical approach to Corrosion. UGC Minor research project for Rs. 1,77, 500.00

Professional skills

- Curriculum Designing Skill as a member of BoS of Dept of Chemisty, St. Joseph's College, Trichy-02
- Member of BoS of Department of chemistry, Parvathy's Arts and Science College, Dindigul.
- Specialized using chem. software.

Personal Skills

- Listener & Learner
- Supportive & Adaptable
- Critical and Analytical thinker
- Interpersonal communication

Publications

A. Hemamalini, C. Rajarathinam, M. Wilson Bosco Paul, A. Irudaya Jothi- Structural, solvatochromic, NLO, and molecular docking studies of positional isomers of chlorobenzaldehyde phenylhydrozone: An experimental and computational investigation.

Journal of Molecular Structure 1329 (2025) 141425

A. Irudaya Jothi, C. Rajarathinam, A. Arun Viveke, M. Wilson Bosco Paul-Substituent effects on the mesogenic benzylidenes of 4-methylaniline: Synthesis, characterization, DFT, NLO, photophysical, molecular docking, and antibacterial studies. **Journal of Molecular Liquids 347 (2022) 117980**

C. Rajarathinam and A. John Amalraj A Study on anti- corrosion nature of haphidophora Pertusa on carbon steel. **Journal of Natural Remedies** Vol. 21, No. 4(S1), (2020) Page: 51 -59

C. Rajarathinam and A. John Amalraj- Bio-fabrication and characterization of cobalt (ii) oxide nanoparticles from biopolymer Chitosan. **Journal of Natural Remedies** Vol. 21, No. 6(S1), (2020) Page: 68 -71

C. Rajarathinam and A. John Amalraj- Study on Anti-Putrefaction Nature of Sarcostemma Acidum (SA) on Carbon Steel. **Indian Journal of Natural Sciences**, Vol.10 / Issue 62 / October / 2020 Page: 28255 - 28262