

STAFF PROFILE

- 1) Name : Dr. C. Subha
2) Designation : Assistant Professor
3) Department : Chemistry
4) Qualification : M.Sc.,M.Phil.,Ph.D
5) Experience : Teaching :13years Research : 7years
6) Area of Specialization (s) : Polymer Chemistry and Corrosion Chemistry
7) E-mail : subha.moses@gmail.com
8) Academic Qualifications :Ph.D
09) Projects

| Project Title | Agency | Amount | Duration |
|---|--------|------------|-----------|
| Evolution of Newly synthesized polyamides as corrosion inhibitors | TNSCST | Rs.7,500/- | 2018-2019 |

10) Research Guidance

| Programme | No. of Scholars | |
|-----------|-----------------|----------|
| | Completed | Pursuing |
| Ph. D. | - | 03 |
| M. Phil. | 01 | - |

11) Recent Research Publications

- D.Angayarkanni, **C.Subha**, Chinju.H.Das, Complexation and Anti-bacterial study of 1,3,4-Oxadiazole derivative, *International Journal of Green Chemistry* (2020)
- Renijoyce.A, Tharani.G, Leena Rexline.M. **C. Subha**, Synthesis and characterization of new aromatic polyesters with different oxadiazole moiety, *Journal of advanced scientific research*, (2020) 11(4)190-197
- Deena Gladies Raymond Mohanraj, Manikandan Alagumuthu,Palaniraja Subramaniam, **Subha Chellam**, Antimicrobial effects of vanillin-based pyridyl-benzylidene-5-fluoroindolins, *Journal of Heterocyclic Chemistry*, <https://doi.org/10.1002/jhet.4277>
- **C.Subha**, Bhuvaneshwari.T, Mahalakshmi.A, Nivetha.N, Megaladevi.M, The influence of polymeric material on the Corrosion of mild steel in acidic medium, *International Journal of Humanities and Sciences*, 2021 (October),180-185

- J. Johncy Caroline, **C. Subha**. “An Efficient Synthetic Pathway to Arrive at Polymers with Triazole Moiety”, **Journal of Interdisciplinary Cycle Research**, Volume XII, Issue III, March/2020, **ISSN NO: 0022-1945**
- J. Johncy Caroline, **C. Subha**. “Evaluation on the cytotoxic activity of new triazole polymers and its inhibitory studies.”, **Compliance Engineering Journal**, Volume 11, Issue 8, August 2020, ISSN NO. 0898-3577(UGC Care Gp II)

12) Book Publications

1. Semimicro qualitative analysis of Inorganic Salt mixture for BSc Chemistry – Lab Manual

13) Presentations in Conference

1. “Corrosion inhibition influence of Triazoles” presented at the UGC sponsored **National Seminar** on Chemistry-a solution to global challenges, at Nirmala College for Women, Coimbatore, on 24.2.2012.
2. “Optimization of controlled potentials of recovery of precious metals from Ni-Cd cells effluent sludge” in the **Indian National conference** on Development in Inorganic applications (INDIA 2015) at Periyar university, Salem on 15th and 16th October 2015.(Poster)
3. “Synthesis and Characterization of transition metal complexes with 2-formylcyclohexylidene thiosemicarbazone as ligand” in the **Indian National conference** on Development in Inorganic applications (INDIA 2015) at Periyar university, Salem on 15th and 16th October 2015.(Poster)
4. “Synthesis, Spectral and Magnetic studies of transition metal complexes of 3-amino-5-phenyl-1,2,4-triazole” in the **Indian National conference** on Development in Inorganic applications (INDIA 2015) at Periyar university, Salem on 15th and 16th October 2015.(Oral)
5. Presented **Two papers** in International Conference on Energy, Environment and Engineering (ICEEE-2016) at CIT, Coimbatore on February 29th, March 1st and 2nd 2016.
6. “Application of Polyamides containing oxadiazole ring moiety for inhibiting the corrosion of Aluminium”, RESE, NGM College of Engineering, Pollachi, 12.12.2019
7. Synthesis, characterization and study of 2,5-disubstituted 1,3,4 oxadiazole derivatives for potent antibacterial activity, International Conference on Smart Materials Chemistry (CHEMSMART-21), St. Joseph College, Trichy, on 29.07.2021-30.07.2021

14) No. of Participation in FDP/Conference/ Seminar/ Workshop: 30

15) Participation in Orientation Programme/ Induction Programme/ Short term Courses

1. Online ARPIT Refresher course in Chemistry for Higher Education, University of Delhi, 16.02.2020

2. Four Weeks Orientation / Induction Programme for Faculties of Colleges/universities/Institutes of Higher Education, TLC, Ramanujan College, University of Delhi, 04.06.2020 to 01.07.2020

16) Editorial Board Member

1. International Journal of Green Chemistry
2. International Journal of Analytical and Applied Chemistry
3. International Journal of Environmental Chemistry

17) Membership in Professional Bodies

| Name of Professional Body | Nature of Membership |
|--|-----------------------------|
| International Association of Engineers (IAENG) | Life member |

18) Other important Activities

1. Participated **SIEM Teacher Training Workshop on Research Based Pedagogical Tools** held from 10.12.2017 to 13.12.2017 at IIT, Gandhinagar Organized by DBT, Newton Bhabha Fund of British Council, CoESME-IISER, Pune, and Sheffield Hallam University, UK.
2. Member of IQAC of Nirmala College for Women from 2017 onwards.
3. Organizing Secretary for NARC-2017, NARC-2018 & NARC 2019
4. Resource Person for CHEMBOND'16 at Kongunadu College of Arts and Science.