

Name : V. Nijarubini

Designation : Assistant Professor

Department : Chemistry

Qualification : M. Sc., M. Phil., (Ph.D.)

Experience:

Teaching: 4 Years Industry: Nil Research: 3 Years

Area of Specialization(s) : Corrosion Science

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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Chemistry	PSG College of Arts and Science, Coimbatore.	Pursuing
M. Phil.	Chemistry	PSGR Krishnammal College for Women, Coimbatore.	2012
M. Sc.	Chemistry	PSGR Krishnammal College for Women, Coimbatore.	2010
B. Sc.	Chemistry	PSGR Krishnammal College for Women, Coimbatore.	2008

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
German Language Course	START DEUTSCH 1	Goethe - Institute (A unit of Coimbatore Indo-German Cultural Association)	2016
NPTEL	Outcome based Pedagogic Principles for Effective Teaching	Indian Institute of Technology, Kharagpur	2017
NPTEL	Speaking Effectively	Indian Institute of Technology, Kharagpur	2018
NPTEL	Corrosion - Part I	Indian Institute of Technology, Kanpur	2018

Research Publications (Indexed)

International

- 1) S Dheenadhayalan, R Roja, V Nijarubini, R Roja, J Mallika, **A Mixture of Iodide Ion and Gum Exudates of *Eucalyptus globules* as Green Inhibitor for Dissolution Control of Mild Steel in 1 N HCl Medium**, Asian Journal of Chemistry, 31(3), 585-590, January 2019, (Indexed in Scopus).
- 2) S Dheenadhayalan, R Roja, V Nijarubini, R Roja, J Mallika, **Synergistic Effect Between Gum Exudates of *Eucalyptus Globes* and 2,6-Diphenyl-3-Methylpiperidin-4-one on Corrosion Inhibition of MS in 1N HCl**, Oriental Journal of Chemistry, 34 (5), 2570-2576, October 2018, (Indexed in Scopus).
- 3) S Dheenadhayalan, V Nijarubini, R Roja, J Mallika, **preparation and characterization of alkaline electroless ni-b nano deposition on mild steel in the presence of *azadirachta indica* gum**, Rasayan Journal of Chemistry, 11(2), 634-639, April-June(2018), ISSN: 0974-1496, (Indexed in Scopus).
- 4) K Kalaiselvi, V Nijarubini, J Mallika, **Investigation of the inhibitive effects of 1,8- naphthyridine derivatives on corrosion of mild steel in acidic media**, Rasayan Journal of Chemistry, 6(1), 52-64, January-March (2013), ISSN: 0974-1496, (Indexed in Scopus).

Other Publications: International / National Journals

- 1) S Dheenadhayalan, V Nijarubini, M Malarvizhi, R Roja, J Mallika, **Synergistic effect between gum exudates of *Azadirachta indica* and Semicarbazide on corrosion inhibition of mild steel in 1N H₂SO₄ medium**, PSGCAS Search: A Journal of Science and Technology, 5 (2), October 2018, ISSN: 2349-5456.

Participation in Conference

National

- 1) **Advanced Functional Materials and their Applications in Engineering-** (NCAFMAE 2017), Dr. N. G. P. Institute of Technology, Coimbatore, 25-Jan-17.
- 2) **Emerging Education Models for 21st Century Learner** (NCEEM – 2015), Dr. N. G. P. Arts and Science College, Coimbatore, 1-Aug-15.

Participation in Workshop

- 1) **Revised Assessment & Accreditation Framework of NAAC**, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 27-Oct-18.
- 2) **Advances In Materials Electrochemsitry** (Sponsored by Indian Science Academies), Kongunadu Arts and Science College, Coimbatore, 21 & 22-Jul-17.
- 3) **Value in Work and Value in Publication: Designing Research with Metonymic Resonance**, PSG College of Arts and Science, Coimbatore, 27 & 28-Apr-17.
- 4) **Analysis of Spectral Data**, Dr. N. G. P. Arts and Science College, Coimbatore, 30-Jan-17.

Participation in Faculty Development Programme

- 1) **Emerging Trends in Science and Technology - ETST-2018** (Sponsored by TEQIP-III), Coimbatore Institute of Technology, Coimbatore, 10 to 16-Dec-18.
- 2) **Quality Initiatives in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.
- 3) **AICTE approved Faculty Development Programme (FDP101X) on Foundation Program in ICT for Education**, Indian Institute of Technology, Mumbai, 3 to 7-Sep-17.