

Dr.D.Umapathi

Mobile No.:8807908825

E Mail ID:[umaduraipathi@gmail.com](mailto:umaduraipathi@gmail.com)

### **PROFESSIONAL QUALIFICATIONS**

- ❖ **Ph.D** (Chemistry)-Thiagarajar College, Madurai (Viva-voce completed) Feb' 2020)
- ❖ **M.Phil.**(Chemistry)-Thiagarajar College, Madurai (Year of Passing : Oct' 2012 ,78.85%)
- ❖ **M.Sc.** (Chemistry)-Thiagarajar College, Madurai (Year of Passing : May' 2011, 71.5%)
- ❖ **B.Sc.** (Chemistry)-M.V.M Govt. Art's College, Dindigul (Year of Passing :May' 2009, 81%)

### **WORKING EXPERIENCE**

Worked as A

- ❖ Assistant Professor, Dept.of.Chemistry, St.Antony's College of Arts and Sciences for Women, Dindigul. (04.01.2023 to till date)
- ❖ Assistant Professor, Dept.of.Chemistry, SSM Institute of Engineering and Technology, Dindigul. (02.05.2013 to 21.05.2019)
- ❖ Lecturer, Dept.of.Chemistry,SBM Polytechnic College, Dindigul. (18.07.2012 to 25.04.2013)

***Total: 8 Years and 6 months***

### **PAPER PUBLICATIONS**

1. Samenea Saman as a natural corrosion inhibitor for mild steel in sulphuric acid medium - D. Umapathi, D. S. Bhuvaneshwari, International journal of Research and Analytical Reviews, 5(3),468-483, 2018 (E-ISSN 2348-1269,P-ISSN 2349-5138).
2. Adina Cordifolia as a corrosion inhibitor-a green approach against mild steel corrosion in 0.5M sulphuric acid medium - Bhuvaneshwari Durvas Seshian, Bothi Raja Pandian, Umapathi Durai, Pigment & Resin Technology, Vol.49 No.1,pp.63-70, <https://doi.org/10.1108/PRT-01-2019-0004>, ISSN:0369-9420, Publication date:6 January 2020, Emerald Publishing Limited.

3. Benign approach of *Canthium parviflorum* as a bioinhibitor for mild steel corrosion in 0.5M acid medium - K. A. Karthick, D. S. Bhuvaneshwari, D. Umapathi and Pandian Bothi Raja Surface review and Letters- Vol.27 No.9,(2020)1950208(11pages), <https://doi.org/10.1142/S0218625X19502081>, Publication date:24 March 2020, World Scientific Publishing Company.

### **PUBLICATIONS IN CONFERENCE PROCEEDINGS**

1. D. Umapathi and D. S. Bhuvaneshwari, International Conference on “Recent Advances in Materials and Chemical Sciences (ICRAMCS -2015) during December 14-15,2015 at Gandhigram Rural Institute-Deemed University, Gandhigram. (ISBN 978- 93-85477-46-1).
2. D. Umapathi and D. S. Bhuvaneshwari, Roots International Journal of Multidisciplinary Researches, Vol. 1, 134-140, 2<sup>nd</sup> Feb 2015, ISSN: 2349-8684.
3. D. Umapathi and S.Ariram, BODHI International Journal of Research in Humanities, Arts & Science Vol. 8, 15-23, Special issue 3, Oct 2023, E-ISSN: 2456-5571.

### **PAPER PRESENTED IN CONFERENCES**

1. National Seminar on “Recent Trends in Chemistry” during March 15-16,2012 at Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni Dt.
2. National Seminar on “Emerging Trends in Chemistry” during October 5-6, 2012 at CPA College, Bodinayakanur, Theni Dt.
3. UGC Sponsored two days National conference on “ Frontier Areas in Chemistry ” (FAC-2015) during February 26-27, 2015 at Thiagarajar College, Madurai.
4. UGC Sponsored two days International conference on “Recent Advances in Materials and Chemical Sciences ”(ICRAMCS-2015) during December 14-15, 2015 at GRI, Gandhigram.
5. DST-SERB Sponsored two days “International conference on Functional Materials” (ICFM-2017) during September 7-8, 2017 at Thiagarajar College, Madurai.
6. Gujarat Council on Science and Technology Sponsored by two days “National conference on Recent Innovations in Science ” during January 19-20, 2018 at RK University, Rajkot.
7. Central Library and Department of Library & Information Science in Association with ALA, “Scholarly communication facets and research writing” held on 27<sup>th</sup> October 2018 at G. T. N Arts College, Dindigul.
8. National Level Conference on “Current Scenario in Material Science” (CSMS-2023) held on 21<sup>st</sup> March 2023 at Selbamm Arts and Science College, Namakkal.
9. International Conference on “Emerging Trends in science & Technology” (ICETST-2023) held on 27<sup>th</sup> September 2023 at Idhaya College for Women, Sivagangai.

### **PROJECTS DONE**

- ❖ **Ph.D** - Evaluation of biological resources as mild steel corrosion mitigators in acidic environment at Thiagarajar College, Madurai.
- ❖ **M.Phil** - Spectroscopic Studies on the Solvation of Aniline with Sulfonyl Chlorides, at Thiagarajar College, Madurai.
- ❖ **M.Sc.**-“Synthesis and Characterisation of NaMnO<sub>2</sub> for Supercapacitors” at CECRI, Karaikudi.

### **TECHNICAL SKILLS:**

Internet Literacy Programme : Govt. of Tamilnadu  
Application Software : MS office  
Type Writing (Tamil) : Lower  
Diploma in Computer Application : CADD CAE Computers, Dindigul ‘A’ Grade

### **ONLINE CERTIFICATIONS COURCES (NPTEL, IA, FDP)**

S. No.	Title of the Course	Period	Conducted by	Remarks
1	Plastic waste Management	2019	NPTEL	Elite + Silver
2	Waste to energy conversion	2017	NPTEL	Silver
3	Introduction to Psychology	2016	NPTEL	Successfully completed
4	Psychiatry- An overview	2016	NPTEL	Successfully completed
5	Innovation Ambassador Training (Foundation Level)	2023	Ministry of Education	Successfully completed
6	Innovation Ambassador Training (Advanced Level)	2023	Ministry of Education	Successfully completed
7	Faculty Development Program	2023	ICT Academy	Participated
8	Faculty Development Program	2024	Naan Mudhalvan	Participated