

### Faculty Profile

- 1 Name of the Faculty : **DR. R. TAMILARASAN**
- 2 Department and Designation : CHEMSITRY –TF
- 3 Date of Joining : 01.08.2013
- 4 Faculty ID
- 5 E-mail Address : [trtamil@gmail.com](mailto:trtamil@gmail.com)
- 6 Date of Birth : 04/09/1985
- 7 Qualification : MSC, CSIR –NET,  
PHD – CHEMISTRY (National Institute of  
Technology Tiruchirappalli)
- 8 Specialization : Organo Metallic Chemistry, Spectroscopy , Sensor  
and Corrosion
- 9 Professional Experience : TEACHING -9 YEARS
- 10 Research Guidance : NIL
- 11 Awards and Honours : QUALIFIED CSIR –UGC-NET
- 12 Sponsored Projects : NIL
- 13 Patents : NIL
- 14 Publications

(i) Internationally Refereed Journals :

- [1] 4-Salicylideneamino-3-methyl-1, 2, 4-triazole-5-thione as a sensor for aniline recognition. M. Saravana Kumar, **R. TAMILARASAN**, and A. Sreekanth. *Spectrochimica Acta Part A* 2011, 79, 370–375.

- [2] Bisthiocarbohydrazones as Colorimetric and “Turn on” Fluorescent Chemosensors for Selective Recognition of Fluoride. S. L. Ashok Kumar, **R. Tamilarasan**, M. Saravana Kumar, and A. Sreekanth. *Industrial Engineering Chemistry* 2011, 50, 7824–7832.
- [3] Spectroscopic and DFT investigations on the corrosion inhibition behavior of tris (5-methyl-2-thioxo-1, 3, 4-thiadiazole) borate on High carbon steel and Aluminum in HCl medium. **R. Tamilarasan**, A. Sreekanth. *RSC Advance*.2013, **3**, 23681-23691.
- [4] Spectral investigation of the Piperazine Dithiosemicarbazone Derivatives as inhibitor on High Carbon Steel in HCl media **R. Tamilarasan**, A. Sreekanth. *J. Mater. Environ. Sci.*, 2018, 1(9),119-127.

(ii) National Journals: NIL

(iii) International Conferences:

Synthesis and Reactivity of a Bis (pyridine-2-carboxaldehyde) piperazine dithiosemicarbazone and its Fluoride Sensing ability. 3<sup>rd</sup> international Conference on heterocyclic chemistry, University of Rajasthan, December 10-13, **2010**. **R. Tamilarasan** and A. Sreekanth

(iv) National Conferences

Structural and Corrosion Inhibition Studies of 2-Acetyl pyridine N (4) Disubstituted Thiosemicarbazone and its copper (II) complex. National Conference on Recent Trends in Chemical Research, (*NCRTC-2010*), NIT Surathkal, March 8-10, **2010**

(V) Books Published with ISBN number/ISSN number: NIL

14 CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE  
ATTENDED

- [1] Training programme in spectroscopy 8-12 December 2009 held in *SAIF-Central Drug Research Institute, Lucknow.*
- [2] Workshop on “electrochemistry” during 10 – 13 November 2011 held in Department of chemistry, *Alagappa University - Karaikudi*
- [3] Workshop on “Single Crystal X-Ray Diffraction and structure analysis” during 17 – 19 November 2011 held in *SAIF -STIC, Cochin University of Science & Technology, Cochin.*
- [4] Workshop on “computation methods in chemistry” during 23 – 27 July 2012 held in Department of chemistry, National institute of technology, Tiruchirappalli.
- [5] **Faculty Development Programme** On Recent Advances and Developments in Chemistry (RADIC) during 28<sup>th</sup> Nov – 04 Dec 2013 held in Department of chemistry, Bharathidasan Institute of Technology, Anna University Tiruchirappalli.
- [6] **Faculty Development Programme** On Recent Advances and Developments in Chemistry (RADIC) during 30<sup>th</sup> Nov – 06 Dec 2015 held in Department of chemistry, UCEK –Tindivanam.
- [7] Online refresher course in chemistry for higher education duration 16 week (September 2019 to December 2019) by AICTE-SWAYAM

15 CONFERENCES/WORKSHOP : NIL

S/SEMINAR ORGANISED

16 Other contribution (if any )