



## CURRICULUM VITAE

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|---------------------|--|
| Name                | : Dr. S. VALARSELVAN   |
| Designation         | : Associate Professor & Head                                 |
| Qualification       | : M.Sc., M.Phil., Ph.D                                       |
| Date of Birth       | : 01-06-1962   |
| Email id            | : svalarselvan@gmail.com                                     |
| Mobile No.          | : 9944114514   |
| Address             | : T-2 Parson Apartment<br>Nizam Colony<br>Pudukkottai-622001 |
| Teaching Experience | : 30 Years   |

### Government Colleges:

1. VSS Government Arts College, Pulankurichy (2009-10)
2. HH.The Rajah's College (Autonomous), Pudukkottai (2010-2022)

### Private Colleges: (Recent Positions)

J.J.College of Arts and Science(Autonomous), Pudukkottai (2005-2009 & 2024 to till date)

### **List of Publications**

1. Electrocatalytic reduction of oxygen at glassy carbon electrode modified by polypyrrole / anthraquinones composite film in various pH media. **S. Valarselvan**, P. Manisankar, *Electrochimica Acta* 56 (2011) 6945-6953 (Impact Factor 5.5).
2. Electrocatalytic properties of glassy carbon electrodes modified with hydroxy derivatives of 9,10- anthraquinone for oxygen reduction reaction. P. Manisankar, **S.Valarselvan**, *Ionics* 18 (2012) 679-686.(Impact Factor 2.4).
3. Cobalt(II) and Copper(II) Complexes of a Novel Mannich Base Derived From 8-Hydroxyquinoline: Synthesis, Spectral, Thermal, Electrochemical, and Biological Studies. C. Muthukumar, **S.Valarselvan**. *Chem Sci Rev Lett* 2014, 3(10), 127-139).
4. Transition Metal Complexes of a Novel Mannich Base 7-Diethylaminocinnamyl-8-hydroxyquinoline: Synthesis, Characterization and Antimicrobial Evaluation. Muthukumar. C, **Valarselvan. S**. *International Journal of Inorganic and Bioinorganic Chemistry* 2014; 4(1): 23-28.
5. Phytoconstituents of Different Maturity Periods fruits of *Ananas comosus*: Vijesh

- Varghese and **S.Valarselvan**. International Journal of Comprehensive Research in Biological Sciences 2(1), 2015.
6. Synthesis, Characterization and Antimicrobial Activity of Manganese(Ii) and Nickel(Ii) Complexes of 7-Diethylaminobenzyl-8-Hydroxyquinoline: C. Muthukumar, **S.Valarselvan**. Journal of Advances in Chemistry 2016, 4(12), 4323- 4332.
  7. Growth, Structural and Spectral Studies on Nonlinear Optical Single Crystal: L-Valine Maleate. C.Usha, R. Santhakumari, **S.Valarselvan**, *Chem Sci Rev Lett* 2016, 5(17), 01-07.
  8. Inhibition of corrosion of carbon steel in hydrochloric acid by aqueous leaves extract of *Oxalis Corniculata* Linn (OCLP).P.Vijayakumar, **S.Valarselvan**, S.Syed Abuthahir. International Journal of Biology, Pharmacy and Allied Sciences, 10(11), 216- 232, 2021.
  9. Corrosion inhibition of carbon steel by using dipropyl sulphide as inhibitor system in sulphuric acid solution. P.Vijayakumar, **S.Valarselvan**, S. Syed Abuthahir. Asian Journal of Chemistry, 33(12), 2021, 2219 - 2228.(Impact Factor 0.156)
  10. Corrosion inhibition effect of 2-[(2-Mercapto-Phenylimino) methyl] benzoic acid for mild steel in simulated concrete pore solution. P.Selvi, **S.Valarselvan**. S.Syed Abuthahir. International Journal of Biology, Pharmacy and Allied Sciences, 10(11), 198- 215, 2021.
  11. Corrosion inhibition effect of an aqueous extract of *oxalis acetulosa* plant leaves on mild steel immersed in 1M hydrochloric acid. P.Selvi, **S.Valarselvan**, S.Syed Abuthahir. International Journal of Biology, Pharmacy and Allied Sciences, 10(11), 1478- 1496, 2021.
  12. Evaluation of Corrosion Resistance of an Aqueous Extract of *Trifolium pratense* plant leaves on mild steel immersed in acidic media. P.Selvi, **S.Valarselvan**, K. Vijaya and S.Syed Abuthahir. Bull. Env. Pharmacol. Life Sci., Special Issue [1]2022 : 468-478.
  13. Corrosion resistance, electrochemical studies and surface morphology of mild steel by using dibutyl sulphide inhibitor in sulphuric acid medium. P.Vijayakumar, **S.Valarselvan**, Portugaliae Electrochimica Acta 41 (2023) 1-15. (Impact Factor 1.1)

## Research Guidance

|        |                 |
|--------|-----------------|
| M.Phil | 27 ( Completed) |
| Ph.D   | 2 ( Completed ) |

## Paper Presentation / Participation in Conference/Seminar/Workshop

1. Presented a Research paper in the **International Conference** on ‘Recent Advances in Textile and Electrochemical Sciences-2013’ organised by Department of Industrial Chemistry Alagappa University during 21<sup>st</sup> to 23<sup>rd</sup> March 2013.
2. Presented a Research paper in the **International Conference** on ‘Frontier Areas in Chemical Technologies-2016’ organised by Department of Industrial Chemistry,

Nanoscience & Technology and Bioelectronics & Biosensor, Alagappa University during 21<sup>st</sup> to 23<sup>rd</sup> March 2016.

3. Presented a Research paper in the **International Conference** on ‘Frontier Areas in Chemical Technologies-2017’ organised by Department of Industrial Chemistry, Alagappa University during 6<sup>th</sup> to 8<sup>th</sup> July 2017.
4. Presented a Research paper in the **International Conference** on ‘Trends in Organometallic and Bioinorganic Chemistry (i-TOB 2025)’ held at Bharathidasan University during January 3 & 4, 2025..
5. Presented a Research paper in the **International Conference** on ‘Recent Advances in Nanomaterials (ICRAN- 2025)’ held at J.J.College of Arts and Science during January 20 & 2, 2025.
6. Participated in the **International Workshop** on ‘Frontier Areas in Chemical Technologies-2014 (FACTs-2014)’ organised by Department of Industrial Chemistry Alagappa University during 21<sup>st</sup> and 22<sup>nd</sup> February 2014.
7. Presented a Research paper in the **National Seminar** on ‘Recent Advances in Textile and Electrochemical Sciences’ held at Department of Industrial Chemistry, Alagappa University during June 1 & 2, 2007.
8. Presented a Research paper in the **National Seminar** on ‘Recent Advances in Textile and Electrochemical Sciences (RATES-2008)’ held at Department of Industrial Chemistry, Alagappa University during December 19 & 20, 2008.
9. Presented a Research paper in the **National Seminar** on ‘Recent Advances in Chemical Sciences (RACS-2012)’ held at Department of Chemistry, H.H. The Rajah’s College (Autonomous). Pudukkottai, on 18<sup>th</sup> February 2012.
10. Presented a Research paper in the **National Seminar** on ‘Frontier Areas in Chemical Technologies-2015 (FACTs-2015)’ organised by Department of Industrial Chemistry Alagappa University during 6<sup>th</sup> and 7<sup>th</sup> March, 2014.
11. Presented a Research paper in the **National Conference** on ‘Recent Advances in Textile and Electrochemical Sciences (RATES-2009)’ held at Department of Industrial Chemistry, Alagappa University during December 4 & 5, 2009.
12. Presented a Research paper in the **National Conference** on ‘Recent Trends in Green Synthesis’ (RTGS-2011)’ held at Department of Industrial Chemistry, Alagappa University , on August 5-6, 2011.
13. Participated and presented a Research paper in the **National Conference** on ‘Fundamental and Applied Chemistry 2013 (NACFAC 2013) organised by Dhirajlal Gandhi College of Technology, Salem, on 4<sup>th</sup> October 2013.
14. Participated and presented a Research paper in the **National Conference** on ‘New Vistas in Material Science organised by J.J.College of Arts and Science, Pudukkottai on 8<sup>th</sup> and 9<sup>th</sup> March 2018.
15. Presented a Research paper in the **National Conference** on ‘Recent Innovation in Phytochemistry’” organised by J.J.College of Arts and Science, Pudukkottai on 21<sup>st</sup> and 22<sup>nd</sup> August 2019.
16. Participated in **State Level conference** on “Role of IQAC in Quality Sustenance and

- Enhancement in Higher Education Institutions” on 21<sup>st</sup> and 22<sup>nd</sup> December 2018 organised by J.J.College of Arts and Science, Pudukkottai
17. Participated in 19<sup>th</sup> **State conference** on “Quality Education for all: Challenges and Achievements” on 5<sup>th</sup> and 6<sup>th</sup> January 2019 organised by Tamilnadu Government Collegiate Teachers” Association.
  18. Participated in the **Inter Collegiate Seminar** on ‘Conservation of Environment & Global Warming’ organised by the Ananda College, Devakottai on 10<sup>th</sup> February, 2010.
  19. Participated in the **National Workshop** on ‘ Nanomaterials – Synthesis, Characterization and Applications ( NMSCA-2006) organised by Department of Industrial Chemistry, Alagappa University during December 14 &15, 2006.
  20. Participated in the **National Workshop** on ‘ Green Process Techniques for Industrial Applicatio (GREPTIA-2009) organised by Department of Industrial Chemistry, Alagappa University during March 20 &21, 2009.
  21. Participated in the **UGC sponsored National Workshop** on ‘ Chemistry – our Environment, Our Life and Our future’ organised by Department of Industrial Chemistry, Alagappa University during December 22 &23, 2011.
  22. Participated in the one day **National workshop for Academic Administrators** on “Institutional Assessment and Accreditation” organised by Internal Quality Assurance Cell, H.H. The Rajah’s College (Autonomous), Pudukkottai on 12<sup>th</sup> February 2019.
  23. Participated in the **Lecture Workshop** on ‘ Advances in Chemistry’ organised by Department of Industrial Chemistry, Alagappa University during September 20 &21, 2013.
  24. Participated in the **Webinar** on ‘ Recent Advances in Material Chemistry’ organised by Department of Sciences and Humanity, Vignan University, Guntur, Andhrapradesh, on 3<sup>rd</sup> June 2021.
  25. Participated in the **National Webinar** on ‘ Climate Change’ organised by Department of Chemistry, Thiruthangal Nadar College, Chennai- 600 051 on 15<sup>th</sup> June 2021.

### **Achievements and Recognition**

1. **Coordinator**, Departmental Research Committee, H.H.The Rajah’s College (Autonomous), Pudukkottai. (2017 to 2018).
  2. Board of Studies, **Subject Expert**, J.J.College of Arts and Science(Autonomous), Pudukkottai. (From 2012 to 2015).
  3. Board of Studies, **University Nominee** (BDU), Dhanalakshmi Srinivasan College of Arts and Science (Autonomous), Perambalur. (From 2018-2021).
  4. **Chairman**, Question Paper Setting Board (UG-Chemistry) for affiliated colleges from 2013 to 2021, Alagappa University, Karaikudi.
- 5. Head of the Department,**  
 Kamaraj College, Tuticorin (2002-2004)  
 V.S.S. Government Arts and Science College, Pulankurichy (2009-2010).  
 J.J. College of Arts and Science (Autonomous), Pudukkottai (2024 till date)
6. **Placement Officer**, J.J.College of Arts and Science (Autonomous), Pudukkottai. (From 2007 to 2009).

7. N.S.S **Programme Officer**, Kamaraj College, Tuticorin (2004-2005)  
 8. **Fellow** of Indian Chemical Society, Indian Chemical Society, Calcutta.  
 9. **Doctoral committee Member** for seven Ph.D scholars.

**NUMBER OF RESOURCE PERSON / LECTURE PRESENTATIONS GIVEN -15**

**UGC -Refresher Courses / Orientation Courses Attended**

| <b>S. No</b> | <b>Name of the Training Programme</b>  | <b>Place</b>               | <b>Duration</b>                                    |
|--------------|--|----------------------------|--|
| <b>1.</b>    | <b>Orientation course</b> conducted by Tamilnadu State Council for Higher Education and UGC- Academic staff college, University of Madras. | University of Madras       | <b>(28 days)</b><br>09-07-2009<br>to<br>05-08-2009 |
| <b>2.</b>    | <b>Refresher course</b> conducted by UGC-Academic Staff College, Madurai Kamaraj University.   | Madurai Kamaraj University | <b>(21 days)</b><br>10-11-2010<br>to<br>30-11-2010 |
| <b>3.</b>    | <b>Refresher course</b> conducted by HRDC, Madras University   | University of Madras       | <b>(21 days)</b><br>04-07-2018<br>to<br>24-07-2018 |
| <b>4.</b>    | <b>Refresher course</b> conducted by HRDC, Pondicherry University  | Pondicherry University     | <b>(14 days)</b><br>15-07-2021<br>to<br>28-07-2021 |