



Dr.A.SIMI

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY
ST.JOSEPH'S COLLEGE (AUTONOMOUS), TIRUCHIRAPALLI 620 002.

INFO



D.O.B

27TH MAY 1981



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SOCIAL



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INTERESTS



Music



Photography

ABOUT ME

Expert in Chemistry and computer languages, Assistant Professor with more than +10 years of experience teaching at the college level. Distinguished record of publication in academic journals all over the world. Commitment to helping college students develop their full potential in their studies. Possess a strong teaching philosophy and knowledge of a wide range of methods for motivating students to develop their expertise in specific areas. Dedicated partner to my college programs and outreach events that help promote learning and support the community

RESEARCH



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<https://www.researchgate.net/profile/Dr-Simi>



Scopus Author ID: 57193916244



<https://mjl.clarivate.com/home/Dr-Simi>

EDUCATION

2009 Ph.D Chemistry, St. Joseph's College, Trichy

2002 - 2004 M.Sc. Chemistry, St. Joseph's College, Trichy

1999 - 2002 B.Sc. Chemistry, St. Joseph's College, Trichy

WORK EXPERIENCE

ST.JOSEPH'S COLLEGE Trichy - 2006 June to 2007 April

LOYOLA COLLEGE Chennai - 2007 June to 2008 May

SATHYABAMA UNIVERSITY Chennai - 2008 June to 2009 June

ST.JOSEPH'S COLLEGE Trichy - 2009 July to 2011 May (FIP)*

NOORUAL ISLAM UNIVERSITY Nagercoil - 2011 May to 2012 June

ST.JOSEPH'S COLLEGE Trichy - From 18th June 2012 onwards (Aided)



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INFO

LANGUAGES

ABC	ENGLISH	■■■■■
தமிழ்	TAMIL	■■■■■
മലയാളം	MALAYALAM	■■■■■
हिन्दी	HINDI	■■■■■

OBJECTIVE

 AGE: 39

 GENDER: MALE

 NATIONALITY: INDIAN

 CIVIL STATUS: MARRIED

SKILLS

Photoshop ■■■■■

Adobe Premiere ■■■■■

ChemSketch 21.1.3 ■■■■■

Macromedia Flash 8 ■■■■■

ChemLab 2.6.2 ■■■■■

OriginLab Pro 2022 ■■■■■

INTERNATIONAL PUBLICATIONS

1. Effect of Anti Polar Mass on Nickel Positive Electrode in Nickel Cadmium Batteries **International Journal of Recent Scientific Research**. Vol.5: p304 - 311 (2014)
ISSNO: 0976-303, 1Impact Factor:7.383, NAAS Score: 3.65
2. Liquid Crystalline Carborane Diester Molecules Structure and Ultraviolet Absorption Behavior based on DFT and Semiempirical Methods **International Journal Advanced Research Science Engineering Technology**. Vol.2 : p14 (2015) ISSNO: 2278-1021
Impact Factor:7.105,
3. Thermodynamic and Ultraviolet Stabilities of para-azoxyanisole: **A Nematic Liquid Crystal J Macro & Nano Phys**. Vol.1 (2016) ISSNO: 2456-2483 Impact Factor:1.62
4. Estimation of spectral shifts of fluorinated liquid crystals in ultraviolet region: Role of correlations in molecular structures **Journal of optoelectronic and advanced materials** Vol.19:p1-2 (2017), ISSNO: 1454-4164, Impact Factor: 0.587
5. Quantum and Thermodynamics Estimation of Mesostate Behaviour of Alkyl Benzoic Acids in Dielectric Medium: Comparative Study. **Arabian J. Science & Engineering** , Vol. 44 Issue 7, p6601-6608 (2018), ISSNO:21914281, Impact factor2.334
6. Theoretical Study on Ultraviolet Profile and Reactivity Descriptors of Fluorinated Liquid Crystals: Effect of End Chain Length and Substituent **Molecular Crystals and Liquid Crystals Materials Science - Poland** Vol. 665, p119-132(2019), ISSNO:15421406, Impact Factor: 0.896
7. Phase Behaviour Analysis, Estimation of Absorption, Electrochemical, and Non- linear Optical Properties of Fluoro Liquid Crystals: **Theoretical Approach Acta Physica Polonica A** (2018)
8. Theoretical Model of a Nematogen: Estimation of Phase Stability, Absorption, Electrochemical and Nonlinear Optical Properties **Acta Physica Polonica** Vol.134, (2018) ISSNO: 0587-4246, Impact Factor : 0.577
9. Estimation of high and low UV intensity profiles of mesogenic oxovanadium (IV) salen complexes: Doubling effect of homologue number **Molecular Crystals and Liquid Crystals** Vol.650, p46-55, (2017) ISSNO:15421406, Impact Factor: 0.896
10. Facile Cetyl Trimethyl Ammonium Bromide-assisted Hydrothermal Synthesis of Spinel NiCo₂O₄ Nanoplates as an Electrode Material for Supercapacitor Application **Journal of Materials Engineering and Performance**. Vol.29, p8395-8405 (2020) ISSNO. : 1059-9495, Impact Factor : 1.819
11. Facile and Cost-Effective CTAB Templated Hydrothermal Synthesis and Characterization of MgCo₂O₄ Electrode Material for Supercapacitor Application **Journal of Inorganic and Organometallic Polymers and Materials**. 3Vol.1 p251-260, (2020) ISSNO. : 1574-1443 Impact Factor : 1.67
12. Morphology controlled synthesis of one-dimensional CoMn₂O₄ nanorods for high-performance supercapacitor electrode application **Chemical Papers**. Vol.75 p2295-2304 (2021) ISSNO. : 1575-413J Impact Factor : 1.680
13. Removal of Methylene Blue using low cost adsorbent **Asian J. Chem** Vol. 22, 6(2010)
14. Effective removal of Safranin O using Date Seed as adsorbent **J. RETELL** Vol.4(2011)
15. Equilibrium, pH and mechanism modelling and simulation of Cd (II) metal ion sorption onto Coconut Shell **J. RETELL.**, Vol.6, 20(2010)