

Dr. S.L. SATHYA SAI BABA

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Education

Ph.D. - Chemistry

Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India-2018

M.Sc. - Industrial Chemistry (73.7 %)

A.V.V.M Sri Pushpam College, Poondi, Thanjavur, Tamilnadu, India - 2006

B.Sc. – Chemistry (67 %)

The M.D.T. Hindu College, Pettai, Tirunelveli, Tamilnadu, India - 2004

Teaching and Research Experience

- Working in assistant professor of chemistry, **Manonmaniam Sundaranar University, Tirunelveli**. From 2022 to till date
- Worked as Assistant Professor at Department of chemistry, **J.P. college of Arts & Science**, Tenkasi from 2019 to 2022.
- Worked as Assistant Professor at Department of Chemistry, **Thamirabharani Engineering College**, Tirunelveli from 2nd January 2016 to 2019.
- Worked as Assistant Professor at Department of Chemistry, **Einstein College of Engineering**, Tirunelveli from 2nd June 2012 to 2nd December 2015.
- Worked as Assistant Professor in Chemistry at **S. Veerasamy Chettiar College of Engineering & Technology, Puliangudi, Tirunelveli** from 18th August 2011 to 31st May 2012.
- Worked as Lecturer at Department of Chemistry, **Joe Suresh Engineering College, Tirunelveli** from 2nd June 2006 to 31st December 2010.

Areas of Interest

- Computational Chemistry
- Electrochemistry

- Photochemistry
- Physical spectroscopy
- Engineering Chemistry

International/National Publications

- “Study of Quality of Ground water in Kallur Village, Tirunelveli, TamilNadu, India”, **S. L. SathyaSaibaba**, H. Perumpadaiyan, M. Sheik Muhideen Badhusa, S. Kamalesu, A. Anish Babu and P. Karthiga, *International Journal of Advanced Research* 2016, 4 (3) (ISSN 2320-5407).
- ‘Synthesis of a new Schiff base of *o*-phenylenediamine and evaluation of its anticancer and antibacterial activity’, **Sathya Saibaba. S L**, Karthiga, P & Swarnalatha, K 2018, *International Journal of Green and Herbal Chemistry* 2018, vol.7, no.1, pp. 130-142.
- ‘Spectroscopic and DFT Investigations on a New Macrocyclic Schiff Base Compound of *o*-Phenylenediamine’, **Sathya Saibaba. SL**, Kamalesu. S, AnishBabu. A & Swarnalatha. K, *International Journal for Research in Applied Science & Engineering Technology* 2017, vol. 5, no. XII, pp.2230-2240.
- 'In vitro evaluation of Antibacterial, Antioxidant and Anticancer activities of a new carbazole based Schiff base' , G. Suganthia, R. Ajithaa, P. Karthiga, **S.L. Sathya Saibaba**, S. Kamalesu, A. Anish Babu, *International Journal of Food and Nutritional Sciences*, ISSN PRINT 2319 1775 Online 2320 7876, pp. 18292-18305

Oral/Poster Presentations

- “A New Schiff base of *o*-phenylenediamine: Synthesis, Characterization, Crystal structure and DFT studies”**S. L. SathyaSaibaba**, A. Anish Babu and K. Swarnalatha, 2nd International Conference on Advances in Material Science and Technology organized by VIT University, Vellore during October 9-11, 2017.

- “Synthesis, Characterization and ion sensing studies of a new Schiff base of o-phenylenediamine” **S. L. SathyaSaibaba**, and K. Swarnalatha, Young Scientists Conclave India International Science Festival (IISF2017) held at Chennai during October 13-16, 2017.
- “Synthesis, Characterization and antioxidant activity of Ru(II) metal complex containing Schiff base of o-phenylenediamine” **S. L. SathyaSaibaba** and Kalaiyar Swarnalatha, National Conference on Advanced Materials Chemistry at the interfaces of Energy, Environment & Medicine, organized by Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India on 21-23rd February 2018.

Seminar/Symposium/Conference/Workshop

- National Conferences on Current Trends in Chemistry (NCCTC-2011), Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli on March 24-25, 2011.
- National Conference on Advanced Functional Materials and Applications, Department of Chemistry and Centre for Nanotechnology, Kalasalingam University, Srivilliputhur on 16-17 Decemeber 2011.
- National Symposium on Newer Horizons in Chemistry, Department of Chemistry, Manonmaniam Sundaranar University, Tirunelveli, Tamilnaduon 9 March 2012.
- National Academies Lecture Workshop on "Recent Advances in Chemistry" (RAC-2013), Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu during 23-24 January 2013.
- Advanced Instrumental Methods for Engineering Materials[2014] organised by Department of physical sciences during 18 & 19th October 2014 at Bannari Amman Institute of Technology(Autonomous), Sathyamangalam, Erode.
- UGC sponsored National Conference on Chemistry for Sustainable Energy, Clean environment & Health [CEEH] organised by Department of Chemistry during 22 & 23rd January 2015 at Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu.
- National Seminar on Nanomaterials and its applications (NSNA-2015) organised by Department of physical sciences during 1st October 2015 at Mar Ivanios College (Autonomous), Thirunvanathapuram, Kerala.

- International Seminar on Material science and Technology organised by Department of Chemistry during 28th December 2016 at A.P.C. Mahalaxmi College for Women, Thoothukudi.

Languages known

Read and Write: Tamil and English

Speak: Tamil and English

Technical Skills

- Spectroscopic Techniques (UV & Emission)
- FT-IR Spectrophotometer
- Electrochemical Work Station

Personal Skills

- Self confident
- Leadership
- Team work

References

Dr. K. Swarnalatha
Professor & Head
Department of Chemistry
Manonmaniam Sundaranar University
Tirunelveli - 627012
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Personal Profile

Father's Name : D. Lenin
Date of Birth : 02/06/1984
Gender : Male

Nationality : Indian
Marital status : Married
Passport Number : S8115972
Address : 7-36-3, R.K. Housing New colony,[Extension],
Viswanathan Nagar, Narasinganallur Village,
Tirunelveli-627604
Tamilnadu, India.

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge
and belief



S.L. SATHYA SAIBABA