

RÉSUMÉ

Dr. A. S. STELLA SHALINI

+91 - 96002 95818, 8778996675

stellaj28@yahoo.co.in

drstellaj28@gmail.com



PERSONAL PROFILE	Age & Date of birth	: 36 & 28-06-1982				
	Sex	: Female				
	Marital Status	: Married				
	Languages known	: Tamil, English, Hindi				
	Address for Communication	: No. 47, 2 nd Main Road, Kalyana Sundaram Nagar, Karumandapam, Tiruchirappalli - 620 001				
WORKING EXPERIENCE	12 Years +					
	❖ UG & PG in Chemistry					
ACADEMIC AWARDS & RECOGNITIONS	S. No.	INSTITUTION	DURATION			
	1.	National College (Autonomous), Trichy.	2006 - 2007 (1 year)			
	2.	St. Joseph's College (Autonomous) Trichy	2007 - Till date			
	👉	<i>Gold Medal for College first rank</i> in B.Sc. Chemistry, from Holy Cross College (Autonomous), Trichy-2				
	👉	<i>Two Gold Medals</i> and Cash Award for Bharathidasan University first rank in M.Sc. Chemistry.				
EXTRACURRICULAR ACTIVITIES	👉	Best faculty award from Indian Academic Researchers Association (<i>IARA AWARDS 2017</i>), Trichy				
	👉	Young Scientist'18 from International Journal For Research Under Literal Access (<i>IJRULA TITLE AWARDS 2018</i>), Malaysia.				
	•	Curriculum Designing skills (Board of Studies member in the Department)				
	•	Writing, Reading & Public Speaking skills				
	•	Computer skills				
EDUCATIONAL QUALIFICATION (COLLEGE)		COURSE	YEAR & MONTH	BOARD/ UNIVERSITY	INSTITUTION	%
		Ph. D. (Chemistry)	APRIL 2015	Bharathidasan University	St. Joseph's College (Autonomous), Trichy-2	77.5
		SET (Chemistry)	October 2006	Bharathiar University, Coimbatore	Bharathiar University Coimbatore	Qualified
		M. Phil. (Chemistry)	October 2006	Bharathidasan University	Centre for Distance Education, Bharathidasan University	81.4
		M. Sc.	April 2004	Bharathidasan University	Bishop Heber College, Trichy-17	86.88
		B. Sc.	May 2002	Bharathidasan University	Holy Cross College (Autonomous), Trichy-2	89.72
		B. Ed.	April 2005	Madras University	Lady Willington College of Education, Chennai	77.3
	SCHOOL EDUCATION	HSC	March 1999	State Board	Holy Cross Girls Higher Secondary School, Trichy-2	88

INTERNATIONAL

- 📖 Dr. A. S. Stella Shalini & Dr. M. Amaladasan, **Synthesis, Characterization and Biological Evaluation of Unsymmetrical 12-Membered Pentaaza Macrocylic Complexes**, International Journal of Innovative Research in Science, Engineering and Technology, Vol. No. :5, PP.:2053-2059, ISSNO.:2319-8753, 2016.
- 📖 Dr. A. S. Stella Shalini & Dr. M. Amaladasan, **Synthesis, Characterization and Biological Screening of 10 Membered Tetraazamacrocyclic Cobalt Complex against Drug Resistant Bacterial Pathogens**, International Journal of Advanced Scientific Research and Development, Vol.No.:02, PP.:112-120, ISSN: 2395-6089, 2015.
- 📖 A. S. Stella Shalini & Dr. M. Amaladasan, **Synthesis, Characterization and Biological Screening of Unsymmetrical 11-Membered Tetraaza Macrocylic Complexes containing Urea**, International Journal of ChemTech Research, Vol. No.:6, No.2, PP.:1028-1038, ISSNO.:0974-4290, 2014.
- 📖 A. S. Stella Shalini, M. Amaladasan, N. Prasanna Balaji & G. Muralidaran, **Design, Spectral Characterization and Biological Evaluation of Unsymmetrical 11-Membered Tetraaza Macrocylic Complexes Containing Thiourea**, International Journal of ChemTech Research, Vol. No.:6, No.2, PP. :1039-1050, ISSNO.:0974-4290, 2014.
- 📖 A. S. Stella Shalini, M. Amaladasan, N. Prasanna Balaji, J. Revathi & G. Muralidaran, **Synthesis, Characterization and antimicrobial studies on 13-Membered-N6-Macrocylic transition metal complexes containing Trimethoprim**, Arabian Journal of Chemistry, Vol.No.:1481, ISSNO.:1878-5352, Impact Factor:2.684, 2014.

NATIONAL

- 📖 A. S. Stella Shalini, Thangappa, T. Jeyaraj, M. Paramasivam & C. Raja, **2',3-Dicarboxylato-4-Hydroxyazobenzene as Corrosion Inhibitor for Aluminium in Sodium Hydroxide**, Transactions of the SAEST, Vol.No.:40, PP.:139-145, 2005.

REGIONAL

- 📖 M. Amaladasan & A. S. Stella Shalini, **Synthesis and Characterization of 12-Membered Tetraazamacrocyclic Transition Metal Complexes containing Ethylenediamine**, RETELL Vol.No.:13, No.2, PP.: 41-44, ISSNO.:0973-404X, 2013.
- 📖 M. Amaladasan & A. S. Stella Shalini, **Synthesis and Characterization of unsymmetrical macrocylic Transition metal complexes derived from Bis(benzil)ethylenediamine and o-phenylenediamine**, RETELL, Vol.No.:13, No.2, PP. :45-48, ISSNO.:0973-404X, 2013.
- 📖 M. Amaladasan & A. S. Stella Shalini, **Synthesis, Spectral Characterization, Electrochemical, Thermal And Antimicrobial Studies Of Macrocylic Complexes of Cobalt II, Nickel II and Copper II containing A Tetraaza-Macrocylic Ligand**, RETELL, Vol.No.:12, No.2, PP. :127-131, ISSNO.:0973-404X, 2012.

- 📖 Participated and presented a paper titled "Synthesis and Characterization of Cobalt^{II}, Nickel^{II} and Copper^{II} complexes containing a tetraaza-macrocylic ligand" in three days National Conference on Recent Advances in Inorganic Chemistry, School of Chemistry, Bharathidasan University, Tiruchirappalli, on 22,23 & 24 March 2012.
- 📖 Participated and Presented a paper titled " Chemical and Biological Characterization of Transition Metal ions of bis (benzyl)ethylenediamine with o-phenylenediamine" in two days International Conference on Biotechnological Innovations Towards Global Development, Department of Biotechnology and Bioinformatics, Bishop Heber College, Tiruchirappalli, on 9 & 10 January 2013
- 📖 Participated and Presented a paper titled " Synthesis, Characterization and biological screening of 10 membered tetraaza macrocylic transition metal complexes containing hydrazine hydrochloride" in three days International Conference on Biological Inorganic Chemistry, Department of Chemistry, Periyar University, Salem, on 20, 21 & 22 February 2013.
- 📖 Participated and presented a paper in Eleventh National Convention of Electrochemists conducted at Bishop Heber College, Trichy on 26 & 27 December 2003.
- 📖 Participated in two days NAAC Sponsored National Conference on "Quality Enhancement and

PAPERS
PUBLISHED

PAPERS
PARTICIPATED &
PRESENTED

Sustenance in Higher Educational Institutions through Six Sigma Quality Strategy”, St. Joseph’s College, Tiruchirappalli, on 23 & 24 October 2008.

- ☞ Participated in two days UGC Sponsored National Conference on “Higher Education and National Development: The Challenge of Expansion, Quality and Inclusion”, St. Joseph’s College, Tiruchirappalli, 30 & 31 January 2009.
- ☞ Participated in two days UGC sponsored National Seminar on “Emerging Trends in Medicinal and Analytical Chemistry”, Department of Chemistry, St. Joseph’s College, Tiruchirappalli, on 6 & 7 March 2009.
- ☞ Participated in one day National conference on “Role of ICT in Higher Education: Quality, Accessibility and Security”, St. Joseph’s College, Tiruchirappalli, on 29 January 2010.
- ☞ Participated in Research day on “Pursuing Socially Relevant Research - Possibilities and Concerns”, St. Joseph’s College, Tiruchirappalli, on 28 January 2012.
- ☞ Participated in two days National Conference on “Higher Education in the Knowledge Age : Techno-Pedagogical Perspectives and Innovations, IQAC and Bharathidasan university”, St. Joseph’s College, on 24 & 25 February 2016.
- ☞ Participated in two days International Conference on “Indian Traditional Medicine - A conglomeration of ancient knowledge and modern science”, SASTRA University, Trichy, on 21 & 22 July 2016.
- ☞ Participated in one day National Conference on “Recent advances in Chemistry research and its applications (NCRACRIA)”, Department of chemistry, St. Joseph’s College, Trichy-2, on 19 January 2017
- ☞ Participated and presented a paper titled “Evaluation of phytochemical and antibacterial potential of helicteres isora leaves against enteric bacterial pathogens” in one day National Conference on advanced materials in chemistry, St. Joseph’s College, Trichy-2, on 8th February 2018.

WORKSHOP PARTICIPATED

- ☞ Participated in One day Workshop on “Effective Teaching”, National College, Tiruchirappalli, on 29 October 2006.
- ☞ Participated in one day Workshop on “Communication Development” Lady Willington College of Higher Education, Chennai, September 2004.
- ☞ Participated in One day National Workshop on “Applications of Radiation and Radioisotopes (NWARRI-2008)”, Department of Physics, St. Joseph’s College, Tiruchirappalli, on 15 February 2008.
- ☞ Participated in Two days Workshop on “Magnetic Resonance in Chemistry and Biology in memory of Prof. Dr. Arthur Schweiger (1946-2007)”, Department of Chemistry, National Institute of Technology, Tiruchirappalli, on 13 & 14 March 2008.
- ☞ Participated in one day Workshop on “Green Experimental Techniques in Chemistry (GET 2014)”, Department of Chemistry, St. Joseph’s College, Tiruchirappalli, on 5 December 2014 .
- ☞ Participated in one day National Workshop on Capacity building workshop for faculty on "E-Content Development", St. Joseph’s College (Autonomous), Trichy – 2, on 9 June 2015.

RESEARCH WORKS

- ☞ **M. Phil. (Chemistry):** Inhibition of Alkaline Corrosion of Aluminium by bis(p’-hydroxyphenyl)-o-hydroxy-p-methoxyphenylmethane
- ☞ **Ph.D. (Chemistry):** Synthesis, Characterization and Biological evaluation of mixed ligand complexes derived from 1,2,7,8-Tetraphenyl-3,6-diazahexa-2,6-diene-1,8-dione.

ORIENTATION PROGRAMME

- ❖ Participated in one day Orientation Programme for Mentors, St. Joseph’s College, Tiruchirappalli, on 29 March 2008.
- ❖ Participated in four days Orientation Programme for Junior Staff, St. Joseph’s College, Trichy, from 11-14 June 2012.
- ❖ Undergone 10 days Soft skill training programme conducted in three phases between August 2012 & October 2012.
- ❖ Participated in ten days Orientation Training Programme for Newly Recruited Teaching staff at Loyola College, Chennai, from 14.5.2013 to 24.5.2013.
- ❖ Participated in 92nd Orientation Programme sponsored by UGC, Human Resource Development Centre, Bharathidasan University, Trichy -23, from 20.5.2016 to 16.6.2016

RESOURCE PERSON	<ul style="list-style-type: none"> ☞ Acted as a Resource person in one day State Level Workshop on, “Green Experimental Techniques in Chemistry” for School Teachers, Department of Chemistry, St. Joseph’s College, Trichy, on 5 December 2014. ☞ Acted as a Judge in Chemie fete’2017, for “Anybody can dance”, Department of Chemistry Association, on 27 February 2017.
REFRESHER COURSE	<ul style="list-style-type: none"> ☞ Participated in Refresher course in Chemistry sponsored by UGC, Human Resource Development Centre, Pondicherry University, Pondicherry, from 08.06.2018 to 28.06.2018 and obtained A grade.
NATIONAL CONFERENCE ORGANIZED	<ul style="list-style-type: none"> ☞ Organized one day National Conference on “Advanced Materials in Chemistry”, St. Joseph’s College, Trichy-2, on 8th February 2018.
COMMUNITY SERVICE	<ul style="list-style-type: none"> ❖ Actively involved in SHEPHERD Extension Department activities. ❖ Member of AICUF in Holy Cross College Unit during the year 1999-2001. ❖ Contributed and participated in Science Exhibitions conducted by the Department. ❖ Actively involved in Campus Ministry activities.
M. PHIL. GUIDANCE	<ul style="list-style-type: none"> ✍ S.A. Mercylin Angelis (13MCH112), “Influence of Catalyst in Synthesis, Characterization of Bimetallic Nanoparticles”, 2014. (Awarded) ✍ P. Priyadharshini (14MCH101), “Synthesis of Chiral-2-o-benzoyl-6-o-mesyl myo-inositol-1,3,5-orthoformate”, 2015. (Awarded) ✍ K. Bhuwaneshwari (15MCH108), “Estimation of Calcium, Phosphate, Reducing Sugar, Sulphated Ash from Sugarcane”, 2016. (Awarded) ✍ T. Devaki (16MCH114), “Phytochemical screening GC-MS analysis and antibacterial studies on the Medicinal plant Pteroserum”, 2017. (Awarded) ✍ Tamilselvi, (17MCH112) (Pursuing)
Ph. D. GUIDANCE	<ul style="list-style-type: none"> ➤ L. Bhuvana (Ref. No. 40384/Ph.D.K2/Chemistry/Full-Time/January-2017/Date 22.12.2016), Pursuing ➤ A. Kalai Selvan, (Ref. No. 09124/Ph.D.K2/Chemistry/Part-Time/January-2018/Date 02.03.2018), Pursuing