

**Name** : **Ebenezer. R**  
**Designation** : **Lecturer**  
**Department** : **Chemistry**  
**Date of Joining** : **24.07.2013**  
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**Educational Qualification:**

Degree	Subject	College / University & Place	Year Completed
B.Sc	Chemistry	The American College	2007
M.Sc	Chemistry	The American College	2009
NET	Chemical Sciences	UGC-CSIR	2008
Ph.D	Chemistry	Madurai Kamaraj University	2015

**Specialisation in Teaching** : Physical Chemistry, Inorganic Chemistry

**Specialisation in Research** : Bio-Inorganic & Organometallic Chemistry

**Research Interests** : Computational Chemistry

**Administrative /Academic Position/s (held / currently holding):**

Positions held / currently holding	Year - From (month/year) To month/year
Superintendent	24.07.2013 – till date
SCM staff in-charge(Chemistry Department)	20.12.2014 – till date

**Articles Published in International Journals:**

1. R.Ebenezer, P. Tharmaraj, C.D.Sheela and S. Sumathi; Synthesis, spectral, bioactivity, and NLO properties of chalcone metal complexes; Journal of Coordination Chemistry; Vol. 64; No. 10; 20 May 2011; 1707–1717.

2. R.Ebenezer, P. Tharmaraj, C.D.Sheela, S. Sumathi and P. Saravana Bhava; Synthesis, characterization, NLO study, and antimicrobial activities of metal complexes derived from 3-(3-(2-hydroxyphenyl)-3-oxoprop-1-enyl)- 4H-chromen-4-one and sulfanilamide; *Journal of Coordination Chemistry*; Vol. 64; No. 10; 20 May 2011; 1673–1682.
3. R.Ebenezer, P. Tharmaraj, C.D.Sheela and S. Sumathi; Synthesis, spectral, NLO studies, and antimicrobial activities of curcumin diketimine metal complexes; *Journal of Coordination Chemistry*; Vol. 65; No. 3; 10 Feb 2012; 506-515.
4. R.Ebenezer, P. Tharmaraj, C.D.Sheela and Shyamala Devi ; Synthesis, Structural, Thermal and Photo-Physical Properties of Triazine Based NLO materials; *Journal of Fluorescence*; 2012; 1-8
5. R.Ebenezer, P. Tharmaraj, C.D.Sheela and D. Kodimunthiri, Synthesis, spectral characterization and biological activity of vanillin substituted silane Schiff base and their metal(II) complexes; *International Journal of Emerging Trends in Pharmaceutical Sciences*; Vol. 1; No. 2; Mar 2013; 5-11.

#### Conference / Seminar Presentations:

Sl.No	Place	Date	Title
1.	Thiagarajar College, Madurai-9	13.09.2006	Intercollegiate Students seminar on <i>Antioxidants</i> (on Synthesis, Characterization and Antimicrobial Studies of Schiff Base Having a silane group and their Transition Metal Complexes)
2.	Bharathidar University, Coimbatore - 46	19 <sup>th</sup> &20 <sup>th</sup> Mar 2009	International Conference on <i>Coordination &amp; Organometallic Chemistry</i>
3.	Sri Paramakalyani College, Alwarkurichi	21 & 22 Dec 2010	National seminar on <i>Emerging Trends in NanoScience</i> (Single pot synthesis of Silver nano particles using silver diethyldithiocarbamate complexes)
4.	IIT Madras	11 <sup>th</sup> -13 <sup>th</sup> Feb 2011	<i>Chennai Chemistry Conference-2011</i> (Synthesis, Spectroscopic Characterization, Biological Screening, Corrosion Inhibition and DNA Activity of Transition Metal Complexes Derived From diketone and 4-aminoantipyrene)
5.	Thiagarajar College, Madurai-9	07.10.2011	College Seminar on <i>Research Problem and objectives</i>
6.	IIT Guwahati	8 <sup>th</sup> -10 <sup>th</sup> Dec 2011	International Conference on <i>Advanced Nanomaterials and nanotechnology</i> (Synthesis and Characterization of metal nanoparticles using thiol containing ligands for various potential applications)

7.	CPA College, Bodi	4 <sup>th</sup> -5 <sup>th</sup> Oct 2012	National seminar on <i>Emerging trends in chemistry-4</i> (Synthesis, Characterization And Potential Applications Of Phosphazene Based Metal Complexes)
8.	ICT, Mumbai	29 <sup>th</sup> -31 <sup>st</sup> oct 2012	International Conference on <i>Indo-German Symposium-2012</i> (Green synthesis and characterization of metal nano-particles from sulphur containing ligands for catalytic, optical and anti-tumor studies)
9.	Periyar University, Salem;	20 <sup>th</sup> -22 <sup>nd</sup> Feb 2013	<i>International conference on biological inorganic chemistry-2013</i> (Synthesis, characterization and studies of hydroxyl and amino substituted cyclotriphosphazene and its metal(II) complexes)
10.	Bishop Heber College, Trichy	10 <sup>th</sup> Jan 2014	<i>International conference on Chemistry in Synergy with materials and biology</i> , (Biological activity of phosphazene based Materials)
11.	JA College, Periyakulam	9 <sup>th</sup> Jan 2015	<i>National conference on Recent Trends in Chemistry-VI</i> , (synthesis, studies and characterization of metal nanoparticles with silane as capping agent)
12.	St. Xavier's college, Palayamkottai	16 <sup>th</sup> Dec 2015	<i>International conference On "recent advances in materials Research and its applications" Icratria-15</i> (Synthesis, characterization and studies on 2-aminopyrimidine based Ligand and its metal (II) complexes)
13.	St. Xavier's college, Palayamkottai	16 <sup>th</sup> Dec 2015	<i>International conference On "recent advances in materials Research and its applications" Icratria-15</i> (Synthesis and characterization on bis(hydrazino)-s-triazine based ligand & its metal(II) complexes)
14.	Jamal Mohamed College, Trichy	17 <sup>th</sup> Dec 2015	<i>International Conference on Chemical and Environmental Research (ICCER 2015)</i> Synthesis and spectral characterization of large s-triazine based ligand and its Transition metal(II) complexes

#### Other Activities / Academic Credentials:

#### Workshop Attended:

Sl.No	Place	Date	Title
1	Alagappa University, Karaikudi	11 <sup>th</sup> to 13 <sup>th</sup> Oct 2010	National Workshop on <i>Electroanalytical Techniques</i>
3	Thiagarajar College, Madurai-9	9 <sup>th</sup> -10 <sup>th</sup> Jan 2012	Hands on Training on <i>Chromatography</i>
4	Thiagarajar College, Madurai-9	12 <sup>th</sup> Jan 2012	Workshop on <i>Research Philosophies and methods</i>
5	IIT Bombay	26 <sup>th</sup> -29 <sup>th</sup> Mar 2012	CEP Course on <i>Advanced Analytical Techniques</i> (Synthesis and Characterization of metal nanoparticles for various potential applications using sulphur containing ligands)

**Seminars attended:**

<b>Sl.No</b>	<b>Place</b>	<b>Date</b>	<b>Title</b>
1.	The American College, Madurai-2	5 <sup>th</sup> – 24 <sup>th</sup> Jan 2006	Winter Term Program (collaboration Oberline College, USA) –India on <i>Environmental Concerns and conflicts</i>
2.	Bharathidasan University, Tiruchirappalli - 24	20 <sup>th</sup> – 21 <sup>st</sup> Feb 2006	National Seminar on <i>Current Developments in bio-diesel technology and its future prospects</i>
3.	The American College, Madurai-2	10 <sup>th</sup> & 11 <sup>th</sup> Jan 2008	National Symposium on <i>Frontier Areas in Chemistry</i>
4.	VIT University, Vellore - 14	25 <sup>th</sup> & 26 <sup>th</sup> Aug 2010	International Symposium on <i>Nanotechnology-Present and Future trends</i>
5.	IITR, Lucknow	1 <sup>st</sup> -3 <sup>rd</sup> Feb 2011	International Symposium & Workshop on <i>The safe use of nanomaterials &amp; Nanomaterial safety</i>
6.	Fatima College, Madurai-9	15.02.2011	National seminar on <i>Green Chemistry</i>
7.	Nano Commission India, Hyderabad	20 <sup>th</sup> -23 <sup>rd</sup> Jan 2012	International Conference on <i>Nanoscience and technology</i>