

**Name : M. VATHANARUBA**

**Designation : Assistant Professor**

**Department : Chemistry**

**Date of Joining : 17.09.2007**

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**Educational Qualification:**

<b>DEGREE</b>	<b>SUBJECT</b>	<b>COLLEGE / UNIVERSITY &amp; PLACE</b>	<b>YEAR COMPLETED</b>
B.Sc	Chemistry	Pope's college, Sawyerpuram	1993
M.Sc	Chemistry	Sarah Tucker College, Palaymkottai	1995
M.Phil	Chemistry	VO.C. College, Thoothukudi	1998

**Specialisation in Teaching:**

- General Chemistry
- Inorganic Chemistry

**Specialisation in Research:**

- Coordination chemistry

**Research Interests:**

- Chemistry of main group elements

**Other Work Experience:**

<b>Designation</b>	<b>Institution / Company</b>	<b>Year - From (month/year) To (month/year)</b>
Lecturer	APC mahalaami College for women, Thoothukudi	Dec 1995 – July 2000
Lecturer	Lady Doak College Madurai	Aug 2000 – May 2001
Lecturer	Fatima College, Madurai	June 2003 – May 2004

## Minor Project

Title	Funding Agency	Period	Amount sanctioned(Rs.)
Novel photoactive and electroactive compounds of triazine based ligands and metal complexes for DSSC and NLO applications	UGC	2014-2016	4,40,000

## Paper published in International Journals

1. **M.Vathanaruba**, P.Tharmaraj, C.D.Sheela “Studies on a novel S-Triazinebased ONO donor heterocyclic ligand and its transition metal(II) complexes” *Int. J. of Advanced Research in Chemical Science Volume 1, Issue 2, April 2014, PP 21-27*

## Paper presented in Conferences

1. P. Tharmaraj, M. Vathanaruba, and P.Suhasini “Synthesis and spectral studies of cyclotriphosphazene based Schiff base and pyrazolylmultidentate ligands and their metal complexes”, National symposium on Frontier areas in Chemistry 11&12<sup>th</sup> Jan2008,The American college, Madurai.
2. M.Vathanaruba, P.Tharmaraj, C.D.Sheela “Synthesis and antimicrobial studies on new metal(II) complexes of 4,6-bis(antipyrin-4-ylamino) –phenyl-2-amino-1,3,5-triazine National symposium on Frontier areas in Chemistry-II ,27 &28<sup>th</sup>Jan 2014. The American college, Madurai.
3. M.Vathanaruba, P.Tharmaraj, C.D.Sheela “Studies on new copper (II) complexes of N<sup>2</sup>-phenyl-N<sup>4</sup>,N<sup>6</sup>-di(thiazol-2-yl)-1,3,5-triazine-2,4,6-triamine”, International Conference on Emerging Frontiers and Challenges in Chemistry, 17&18<sup>th</sup>Feb 2014,All Saints College, Thiruvananthapuram, Kerela.

## Workshop/conferences attended

1. DST sponsored National level workshop on NMR spectroscopy –Theory and applications, 28-29<sup>th</sup> March 2008, School of Chemistry, MKU
2. One day Workshop on Nuclear Chemistry,19<sup>th</sup> Sep 2009, Thiagarajar College, Madurai

## Countries Visited

Israel, Jordan, Egypt

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