

## DR.Jegan Jennifer S

Assistant Professor,  
Department of Chemistry,  
Bishop Heber College,  
Tiruchirappalli - 17.

E-mail :

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### Qualification

Degree	Branch	Institution / University	Year of Passing
B.Sc Chemistry	Chemistry	St. Josephs College	
M.Sc Chemistry	Chemistry	St. Josephs College	
Doctor of Philosophy	Chemistry	Bharathidasan University	
Kothari Postdoctorate Fellowship	Uranyl Organic Frameworks	Indian Institute Of Science (IISc) Bangalore	
Teaching Fellow	Chemistry	Universiti Sains Malaysia	

### Ph.D. Details

<b>Title of Thesis</b>	<b>Area of Specialization</b>	<b>Research Supervisor</b>	<b>Research Centre</b>	<b>Year of Award</b>
"MOLECULAR CRYSTAL ENGINEERING INVOLVING MOF's / COORDINATION MOTIF's AND SUPRAMOLECULAR ARCHITECTURES IN SOME SALTS / COCRYSTALS CONTAINING THIOPHENE CARBOXYLIC ACID DERIVATIVES"	Metal Organic Frameworks	Dr. C. Thomas Munir	Bharathidasan University	2014
<b>Obtained Post Doctoral Fellowship :</b>	Yes	<b>Host Institution :</b>	Indian Institute of Science	<b>Agency</b>
				Dr. S. Kothari Postdoctoral Fellowship

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bharathidasan University		Guest Lecturer	08/07/2019	31/10/2019

## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	<b>4</b>
2.	<b>Research Papers Presented</b>	<b>2</b>
3.	<b>Publication in Journals</b>	<b>18</b>
4.	<b>Publication in Books</b>	<b>0</b>
5.	<b>Books Published / Edited</b>	<b>0</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>0</b>
7.	<b>Research Projects</b>	<b>0</b>
8.	<b>Resource Person</b>	<b>0</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>0</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>0</b>
13.	<b>Professional Membership</b>	<b>0</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

## CONFERENCES / WORKSHOPS / SEMINARS ATTENDED

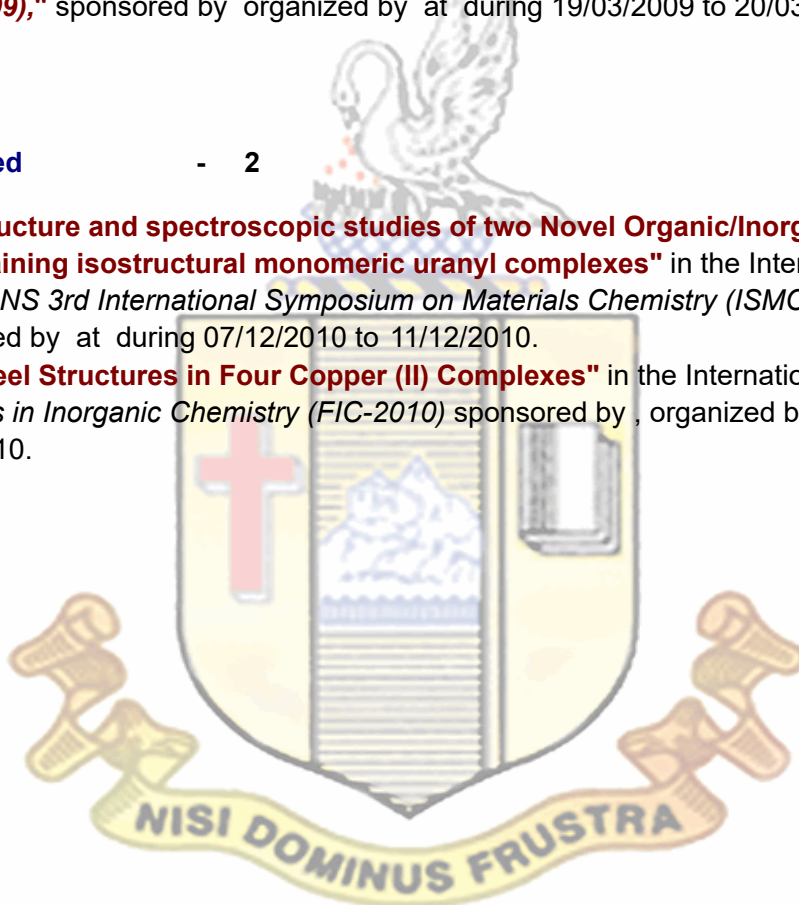
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1. International level Conference on **"International Symposium on Frontiers in Inorganic Chemistry (FIC-2010)"** sponsored by organized by at during 11/12/2010 to 13/12/2010.
2. -1 level Conference on **"DAE-BRNS 3rd International Symposium on Materials Chemistry (ISMC-2010)"** sponsored by organized by at during 07/12/2010 to 11/12/2010.
3. -1 level Conference on **"National conference on recent trends in chemical research (NCRTCR-2010)"** sponsored by organized by at during 08/03/2010 to 10/03/2010.
4. International level Conference on **"International Conference on Coordination & Organometallic Chemistry (ICCOC-2009),"** sponsored by organized by at during 19/03/2009 to 20/03/2009.

## Research Papers Presented

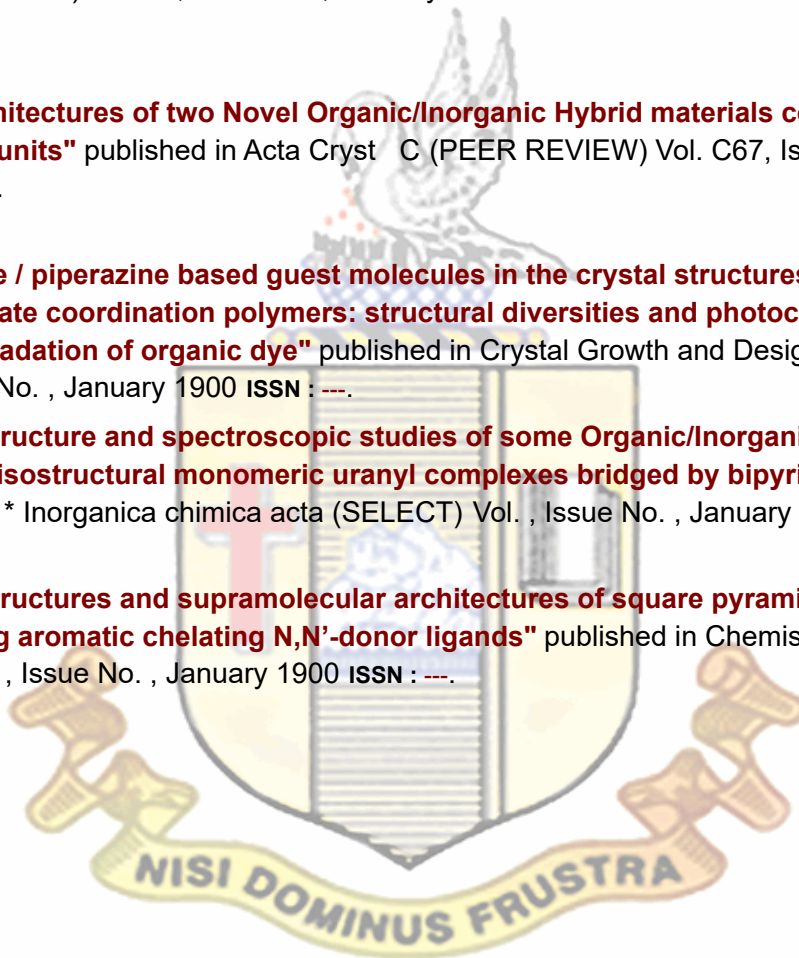
- 2

1. **"Synthesis, crystal structure and spectroscopic studies of two Novel Organic/Inorganic Hybrid materials containing isostructural monomeric uranyl complexes"** in the International conference on *DAE-BRNS 3rd International Symposium on Materials Chemistry (ISMC-2010)* sponsored by , organized by at during 07/12/2010 to 11/12/2010.
2. **"Dinuclear Paddle Wheel Structures in Four Copper (II) Complexes"** in the International conference on *Frontiers in Inorganic Chemistry (FIC-2010)* sponsored by , organized by at during 11/03/2010 to 13/03/2010.



1. **"Multicomponent one-pot reactions offer new route towards the synthesis of stereoisomers of new dipicolylamine complexes"** published in Chemistry – An Asian Journal (SELECT) Vol. , Issue No. , January 2016 ISSN : ---.
2. **"Mixed-ligand complexes of Ca(II), Ba(II), Mn(II) and Pd(II) with 1,10 phenanthroline and 5-chloro thiophene-2-carboxylic acid ligands: Role of hybrid carboxylate-water clusters and ligands of crystallisation in building up of supramolecular architectures"** published in <sup>\*</sup> Inorganica chimica acta (SELECT) Vol. , Issue No. , January 2014 ISSN : ---.
3. **"Importance of halogen bonding interactions at Hoogsteen sites in supramolecular architectures of some coordination metal complexes of N6-benzyl/furfuryl adenine"** published in Chemistry central journal (SELECT) Vol. 8:58, Issue No. , January 2014 ISSN : ---.
4. **"Syntheses And Characterization Of Two Novel Tetranuclear Lead(II) Clusters Containing Halogen Bonding Interactions"** published in Chemistry central journal (SELECT) Vol. 39, Issue No. , January 2014 ISSN : ---.
5. **"Design of co-crystals/salts of some Nitrogenous bases and some derivatives of thiophene carboxylic acids through a combination of hydrogen and halogen bonds"** published in Chemistry central journal (PEER REVIEW) Vol. , Issue No. , January 2014 ISSN : ---.
6. **"Synthesis, Characterization and Crystal Structure of Lead(II) Complexes with 5-Chloro thiophene-2-carboxylate and chelating N,N'-donor ligands"** published in Chemistry central journal (PEER REVIEW) Vol. , Issue No. , January 2013 ISSN : ---.
7. **"Solvent dependent supramolecular interactions in two 5-chloro thiophene 2-carboxylate bridged dinuclear copper (II) complexes"** published in Inorganica chimica acta (SELECT) Vol. 406, Issue No. , January 2013 ISSN : ---.
8. **"Synthesis, Characterization, Antimicrobial, Anticancer-, and Antituberculosis Activity of Some New Pyrazole-, Isoxazole-, Pyrimidine- and Benzodiazepine Derivatives Containing Thiochromeno- and Benzothiepine Moieties"** published in RSC Advances (SELECT) Vol. 3, Issue No. , January 2013 ISSN : ---.
9. **"Synthesis, crystal structure and magnetic properties of nickel (II) and cobalt (III) complexes of a pentadentate Schiff base"** published in Journal of Molecular Structure (SELECT) Vol. 1036, Issue No. , January 2013 ISSN : ---.
10. **"Syntheses of Phenoxyalkyl esters of 3, 3'-Bis (indolyl) methanes and Studies on Their Molecular Properties from Single Crystal XRD and DFT Techniques"** published in Journal of Molecular Structure (SELECT) Vol. 1047, Issue No. , January 2013 ISSN : ---.
11. **"Synthesis and X-ray structural studies of four copper (II) complexes containing dinuclear paddle wheel structures"** published in Chemistry central journal (PEER REVIEW) Vol. 7:35, Issue No. , January 2013 ISSN : ---.

12. **"Synthesis, Spectral and Structural characterization of Bisthiocarbohydrazone Derivatives"** published in Phosphorus, Sulfur, and Silicon and the Related Elements (PEER REVIEW) Vol. 188, Issue No. , January 2013 ISSN : ---.
13. **"Synthesis, Characterization And Supramolecular Architectures Of Two Lead(II) Complexes Of 8-Quinolino"** published in Journal of coordination Chemistry (PEER REVIEW) Vol. 65, Issue No. , January 2012 ISSN : ---.
14. **"2,6,6-Trimethyl-cyclo-hexene-1-carbaldehyde oxime"** published in Acta Crystallogr Sect E Struct Rep Online (SELECT) Vol. 67, Issue No. , January 2011 ISSN : ---.
15. **"Supramolecular architectures of two Novel Organic/Inorganic Hybrid materials containing identical monomeric units"** published in Acta Cryst C (PEER REVIEW) Vol. C67, Issue No. , January 2011 ISSN : ---.
16. **"Influence of pyrazine / piperazine based guest molecules in the crystal structures of uranyl thiophene dicarboxylate coordination polymers: structural diversities and photocatalytic activities for the degradation of organic dye"** published in Crystal Growth and Design (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : ---.
17. **"Synthesis, crystal structure and spectroscopic studies of some Organic/Inorganic Hybrid materials containing isostructural monomeric uranyl complexes bridged by bipyridyl typed ligands."** published in \* Inorganica chimica acta (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.
18. **"Synthesis, crystal structures and supramolecular architectures of square pyramidal Cu(II) complexes containing aromatic chelating N,N'-donor ligands"** published in Chemistry central journal (SELECT) Vol. , Issue No. , January 1900 ISSN : ---.



**Signature of Staff**  
**(Jegan Jennifer S)**