

Name of the Staff: **Dr. C. RAVI SAMUEL RAJ**

Designation : **Associate Professor of Chemistry**

S.No.	Title	Particulars
1.	Synthesis and characterization of u-mo dithiocarbamate complexes	<i>Journal of Indian Chemical Society</i> , <b>66</b> , 1989, 1.
2.	Furfuraldenevalinate: Solution chemistry of denticity reduction gas and solid phase complexing behavior	<i>Journal of Molecular Liquids</i> , <b>131-132</b> , 2007,196.
3.	Theoretical and solution chemistry of metal complexes of furfural	<i>Journal of Indian Chemical Society</i> , <b>84</b> , 2007, 643
4.	HF and MP2 calculations on two Schiff base ligands and stability constant studies on some of their metal complexes	<i>Journal of Indian Chemical Society</i> <b>84</b> , 2007, 1255
5.	Computation studies on Schiff base ligands and equilibrium studies on their metal complexes	<i>Journal of Indian Chemical Society</i> , <b>85</b> , 2008, 443.
6.	2,4,6-Tris(1-oxo-2-pyridylsulfanylmethyl)mesitylene methanol solvate	<i>Acta Cryst.</i> , <b>E64</b> , 2008, o1036–o1037
7.	Electronic structure and nonlinearity of Schiff bases of furfural and $\alpha$ -amino acids	<i>Journal of Indian Chemical Society</i> , <b>86</b> , 2009, 250.
8.	Studies on the complexing behaviour of a potentially tertradentate Schiff base ligand with some transition metal ions	<i>Journal of Coordination Chemistry</i> , <b>62</b> , 2009, 2903.

9.	Computational study of structure and vibration of Schiff base of furfural with glycine	<i>Journal of Indian Chemical Society</i> , <b>86</b> , 2009, 1098.
10.	Computational study on imidazole-2-carboxaldehyde-glycylglycine and indole-3-carboxaldehyde- glycylglycine Schiff base ligands and equilibrium studies on their metal complexes	<i>Journal of Indian Chemical Society</i> , <b>87</b> , 2010,655.
11.	Molecular modeling and potentiometric study of some metal complexes of o-vanilineglutamate Schiff base	<i>Journal of Indian Chemical Society</i> , <b>87</b> , 2010,729.
12.	Molecular modeling, Synthesis and Characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes involving some Schiff base ligands	<i>Journal of Indian Chemical Society</i> , <b>88</b> , 2011,189.
13.	Graph Theory and Computational Study of Lithium Oxide	Advance Materials, Excel India Publisher, New Delhi-2010
14.	Quantum Mechanical Study of Benzil	
15.	Ultra sonic and Computational Studies of some Organic Liquids	
16.	Study on the Antibacterial Activity of Shrimp Cell Derived Chitosan	