

STAFF PROFILE

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Name : **Dr.S.Sujarani**
Designation : **Assistant Professor**
Date of Entry into Service : **17.06.2015**
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Education : **M.Sc., M.Phil., Ph.D.,P.G.D.C.A.,**
Areas of specialization : **Bio- inorganic chemistry, Co-ordination chemistry**

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

Seminars Organized

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener

Seminars, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
Synthesis, Characterization and their biological activities of mixed ligand Cu(II)/Co(II) complexes,	16-17 th May 2019.	UGC	International Conference on Recent trends in Chemistry and	MKU

			Biosciences	
Docking, Protein binding and antimicrobial activities of coumarin based Schiff base and mixed ligand with 1,10-phen / 2,2-bipy complexes	22 nd August, 2018	PASC	International Conference on emerging trends in Science, Technology and Mathematics	Parvathy's arts & science college
Spectroscopic studies on the interaction of Copper nanoparticles and copper nanocomposites with bovine serum albumin	22,23 February, 2017	UGC,DST	Recent trends in Nanobiosensors	Madras University
Protein docking and biological studies of Fe(III) and Ru(III) Schiff base with mixed ligand complexes	15,16 July 2013	DRDO PURSE MKU	International Conference on biological inorganic chemistry	MKU
Protein binding and antimicrobial studies of Fe(III) and Ru(III) coumarin Schiff base and mixed ligand with 1,10-phen/ 2,2-bipy complexes	15,16 July 2013	DRDO PURSE MKU	International Conference on biological inorganic chemistry	Periyar university
Studies on diphenylethanamine based schiff's base Cu(II), Co(II), Ni(II) and Mn(II) complexes	22 nd to 24 th March 2012	UGC	National Conference on Recent Advances in Inorganic Chemistry	Bharathidasan University
Synthesis, characterization and DNA interaction studies of 2-(thiophen-2-ylmethyleneamino)phenol derivatives and their lanthanum complexes	28 th and 29 th July 2011	UGC	UGC National seminar on Emerging trends in chemistry	VHNSN College, Virudhunagar
Comparative studies on synthesis and characterization of 1-((4-chlorophenylimino)methyl)naphthalene-2-ol derivatives and its transition metal complexes	March 24 and 25, 2011	UGC	National conference on Role of Chemists in Advanced Chemistry	ANJA college, Sivakasi
Synthesis, characterization and biological studies of 4-((Z)-2-hydroxy-4-methoxyphenyl)(phenyl)methylbenzene-1,3-diol derivatives of mixed ligand and its copper complexes	March 24 and 25, 2011	UGC	National conference on Role of Chemists in Advanced Chemistry	ANJA college, Sivakasi
Schiff bases anchored silver	March	UGC	UGC National	MKU

nanoparticles – Synthesis, Characterization and toxicity studies of Nano silver -2-((2,2-diphenyl ethylimino)methyl)phenols	4&5, 2011		seminar on Nano structured materials and applications	
Synthesis and Structural Characterization studies of 2,2-diphenyl-N-(thiophen-2ylmethylene) ethanamine and their metal complexes	March 29 &30 2010	UGC	Recent advances in Inorganic and Nano chemistry	MKU

Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited

Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/ National/State
Docking, Protein Binding and Antimicrobial Activities of Coumarin Based Schiff Base and Mixed Ligand with 1, 10-Phen / 2, 2-Bipy Complexes, International Journal of Innovative Research in Science Engineering Technology	2319-8753	7, 54 - 64.	2018	International
Spectroscopic studies on the interaction of Copper nanoparticles and copper nanocomposites with bovine serum albumin, JAC Journal of science, humanities and management	2347-9868	5, 23-34	2017	National
Docking of ethanamine Schiff base imines & metal (II) complexes, cytotoxicity & DNA interaction studies, Journal of Molecular Structure	0022-2860	1079, 353-362.	2015	International
Docking of imines, cytotoxicity and DNA interaction studies of metal(II) complexes, Journal of Molecular Structure	0022-2860	1059, 299–308	2014	International
Synthesis, characterization, antimicrobial and dna interaction studies of benzophenone – ethanamine schiff base with transition metal (II) [Cu(II), Co(II), Mn(II) and Ni(II)] complexes, Journal of Chemical and Pharmaceutical Research	0975-7384	5(4), 347-358	2013	International
Synthesis, Characterization and toxicity studies of Schiff bases [2-2,2-	1842-3582	7(4),	2012	International

diphenylethylimino)methyl)phenols] anchored silver nanoparticles, Digest Journal of Nanomaterials and Biostructures		1843-1857		
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Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether NSS/NCC/AEEP/YRC	Period

Reviewer/editor of a journal

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h-index

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration

		from	to

Any Other Information :