

PROFILE



Name : **Ms. J. Jeevitha Rani**
Designation : **Assistant Professor**
Department : **Chemistry**
Date of Birth : **26.10.1990**
Date of Appointment : **24.08.2022**

Academic

S. No.	Degree	University / Institution	Year of Completion
1.	B.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2011
3.	M.Sc.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2013
4.	M.Phil.	Gandhigram Rural Institute, Gandhigram, Dindigul	2014
5.	Ph.D.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	2023

Total Experience: 1 year

Area of Specialization/Interest: Schiff Base Metal complexes, Binding studies

Research Publications:

National Publications: 03

1. **J. Jeevitha Rani**, A. Mary Imelda Jayaseeli, Green Synthesis, characterization and biological studies of Thiazole derived Schiff Base Complexes, International Journal of Advance Research In Science And Engineering, ISSN No. 2319-8354(2017)
2. **J. Jeevitha Rani**, B. Subasri Vidhaya, A. Mary Imelda Jayaseeli, Synthesis, Characterization and BSA binding studies of Co(II) and Cu(II) complexes derived from Benzalen ligand, JACJOSHAMJournalVol.8,Dec (2020) ISSN No.2347-9868, 21-30.

3. S. Maria Esther, **J. Jeevitha Rani** and A. Mary Imelda Jayaseeli, Photocatalytic Efficiency of Fe(III) Schiff base complex for Methylene Blue Dye, JAC JOSHAM Journal 2022

International Publication: 02

1. **J. Jeevitha Rani**, A. Mary Imelda Jayaseeli, S. Rajagopal, S. Seenithurai, Jeng-Da Chai, J. Dhaveethu Raja, R. Rajasekaran, Synthesis, characterization, antimicrobial, BSA binding, DFT calculation, molecular docking and cytotoxicity of Ni (II) complexes with Schiff base ligands, Journal of Molecular Liquids, 328, 115457, 2021.

2. **J. Jeevitha Rani**, A. Mary Imelda Jayaseeli, M. Sankarganesh and R. Nandini Asha Bovine serum albumin interaction, molecular docking, anticancer and antimicrobial activities of Co(II) Schiff base complex derived from Nophen ligand, Journal of Biomolecular Structure and Dynamics, 1-9, 2022.

Conference Presentations:

Year	Title of the paper	Conference/seminar	Place and date
2016	Binding studies of some Schiff Bases	International Conference on Cancer Biology: Drug Discovery and Novel Therapeutics	Department of Zoology and Chemistry, Saiva Bhanu Kshatriya college, Aruppukottai on 29 th and 30 th September 2016
2017	Green synthesis, characterization and biological studies of thiazole derived schiff base complexes	International Journal of Advance Research in Science and Engineering	Institution of Electronics and Telecommunication Engineers Ganganagar, Bengaluru on 20 th August, 2017
2018	Study of photocatalytic removal of methyl orange dye by copper oxide nanoparticles	International conference on Modern Trends in Chemistry	PG and Research Department of Chemistry, Vivekananda College, Tiruvedakam, Madurai, on 23 rd February 2018

2018	Mathematical Formulation in Intercalation of Biomolecules	International Conference on Emerging Trends in Mathematical Science and Technology	Research Centre and PG Department of Mathematics, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam on 20th -21st December 2018
2019	Photo degradation of methylene blue by nanoparticles	National Conference on Nano National Summit-Current Trends and Future Perspectives	PG and Research Department of Chemistry, Holy Cross College (Autonomous) Tiruchiappalli on 9th -10th January 2019
2019	Evaluation of protein interaction and cytotoxic activity of Ni(II)-salphen complexes (Best paper award)	International Seminar on Recent Trends in Bioinorganic Chemistry(RTBIC19)	Department of Chemistry, Loyola College(Autonomous), Chennai, on February 18, 2019
2019	Ni(II) Schiff Bases: A short Review of their Antimicrobial activities	National seminar on Recent Trends in Chemistry(RTC-10)	PG and Research Center of Chemistry, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, on 10th December, 2019
2019	Photocatalytic activity of nickel and copper oxide Nanoparticles for degradation of methylene blue dye	International Conference on Recent Advances in Nanoscience and Nanotechnology(ICRAN'19)	Department of Chemistry, Stella Maris College (Autonomous), Chennai, held on 11-12th December, 2019

2023	IPR and Pharmaceuticals challenges and opportunities	ICSSR sponsored international seminar on Economic Impact of Intellectual property Rights	Department of commerce, JAC, on 8th and 9th February, 2023
2024	BSA binding and biological evaluation of Co(II)-salen complex	International Conference on Advanced Functional Materials for Sustainable Development	Department of Chemistry, JAC, on 4th and 5th March, 2024

Research Expeience: 6 years

Books Published: Nil

Contact Details:

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