

Staff Profile



Name: Dr.R V SAKTHIVEL

Position: Associate Professor

Department: Chemistry

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Office Location: NKR Govt. Arts College for Women, Namakkal.

Degree:

Education – S.No	Degree/ Examination Passed	Subject/ Specialization	Board/ University/ Institute	Month & Year of Passing
	B.Sc.	Chemistry	Bharathidasan University, Trichy	April 1997
	M.Sc.	Chemistry	Bharathidasan University, Trichy	1999
	M.Phil	Chemistry	Bharathidasan University, Trichy	May - 2005
	Ph.D.	Chemistry	Bharathidasan University, Trichy	

Professional Experience

S. No	Institute/ University	Designation	Period	Length of Service
1	Arignar Anna Government Arts College	Assistant Professor	13-10-2008 to 14-09-2015	7
2	Govt Arts College, Nandanam	Assistant Professor	15.09.2015 to 15.08.2018	3

Research Interests

Study of novel Schiff base metal complexes for the biomedical applications.

Publications

1. R.V. Sakthivel, P. Sankudevan, P. Vennila, G. Venkatesh, S. Kaya, G. Serdaroğlu, “Experimental and theoretical analysis of molecular structure, vibrational spectra and biological properties of the new Co(II), Ni(II) and Cu(II) Schiff base metal complexes”, Journal of Molecular Structure, Volume 1233, 5 June 2021, 130097.
2. P. Sankudevan, R. V. Sakthivel, A. Prakasam, Abdullah M. Al-Enizi, Mohd Ubaidullah, Bidhan Pandit, Chandra Sekhar Dash, S. Revathi, A. Roniboss & M. Sundararajan, “Enhancement of Luminescence Mechanisms in Structural, Morphological, and Catalytic Properties of Undoped CuCr₂O₄ and Mn-Doped CuCr₂O₄”, Journal of Cluster Science, Volume 34, pages 1527–1534, (2023).
3. R.V. Sakthivel, Catalytic and Photocatalytic Degradation Activities of Nanoscale Mn-Doped ZnCr₂O₄, Advances in Material Science and Engineering, 20 December 2022, <https://doi.org/10.1155/2022/7056380>.
4. R.V. Sakthivel, Reactivity of Cyclanols Towards Quinaldinium Fluorochromate Oxidation, Journal of Solution Chemistry, Volume 42, pages 1748–1756, (2013).
5. R.V. Sakthivel, Effects of Different Precursors on Particle Size and Optical–Magnetic Properties of ZnCr₂O₄ Nanoparticles Prepared by Microwave-Assisted Method, Journal of Nanomaterials, 07 January 2023 <https://doi.org/10.1155/2023/2856806>.

Awards and Honors: NIL

Courses Taught: UG and PG

Professional Memberships: NIL

Projects and Grants : NIL

Contact Information

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