SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited with 'A' Grade {3.45/4.00} by NAAC)
(An ISO 9001: 2015 Certified Institution)
SUNDARAKKOTTAI, MANNARGUDI-614 016, TAMILNADU, S.INDIA

DEPARTMENT OF CHEMISTRY

Details of Journal Publication

S. No.	Name of the Author(s)	Title of the Paper	Name of the Journal	UGC Care Listed JOURNAL/SCOPUS/ WEB OF SCIENCE	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
1	S.Sujatha	Synthesis of plant -mediated metal Silver nanoparticles for fabric coating	Materials Today Proceedings-ELSEVIER	Scopus	May-22	5684-5689	https://doi.org/10.1016/j.matpr.2022.05.115
2	S.Sujatha	Mechanisms of action of alkaloids in the management of Diabetes Mellitus	Journal of Advanced Scientific Research	UGC Approved	Apr-30	0976-9595	https://sciensage.info
3	S.Sujatha	Mild Steel Corrosion Inhibition by AndrographisPaniculata Leaves Extract in 10 percentage Hydrochloric Acid Solution	Key Engineering Materials	Scopus	Mar-23	1662-9795	www.scientific.net
4	D.Karthika	Adsorptin and Removal of Heavy Metal ions of Nickel of	Journal of Emerging	UGC APPROVED	Apr-23	2349 - 5162	www.jetir.org

		and Cadmium from Waste Water By Using acid Activated Carbon of Samanea Saman	Technologies and Innovative Research				
5	Mrs.Sasikruba	Multicomponent one -pot synthesis,Characterization and antimicrobialScreening of cyanoimino-6aryl-4-(6-methoxynaphthalene-2-yl)-3,4-dihydro-I H- Pyrimidines	Elsevier	Scopus	Sep-22	1359-5113	www.elsevier.com
6	Mrs S.Sujatha	An investigation into the corrosion inhibition mechanisms of mild steel using aqueous extract derived from Aerva lanata leaf in an acidic environment	Elsevier	Scopus	Jan-10	2214-7853	www.scientific.net
7	Mrs.T,Vimala	Novel TIO2 coupled BI2O4 Nanocomposites for effective removal of aqueous Rose Bengal dye under UV-A light Illumination	Eco.Eno & Cons.30 (January Suppl.Issue) : 2024:pp. (S428-S400) Copy right @ EM Internationa l	UGC Approved	Oct- 23	0971-765X	http://doi.org/10.53550/EEC.2023.v30i01s.086
8	Mrs.T,Vimala	Solar Light Driven Photocatalytic Activity of	Eco.Eno & Cons.30	UGC Approved	Oct-23	0971-765X	http://doi.org/10.53550/EEC.2023

		TIO2 coupled BI2O4 Nanocomposites	**(January Suppl.Issue) : 2024:pp. (S428-S400) Copy right @ EM Internationa l**				**.v30i01s.086**
9	**Dr. S.Sujatha**	**Green Synthesis and Multifunctional Applications of Moringa Oleifera-enhanced TiO2 Nanocomposites**	**J. Environ. Nanotechnol. , Vol. 14(1), 7-17 (2025)**	**UGC Approved**	**March-2025**	**2319-5541**	**https://doi.org/10.13074/jent.2025.03.2511225**
10	**Dr.D. Karthika**	**UV-A Induced Photocatalytic Degradation of Acid Green 16 Using La2WO6/ZnO Heterojunction Nanocomposites: Synthesis and Biological Applications**	**ChemistrySelect: Volume 11, Issue 136 2026 .**	**UGC Approved**	**April 26**	**2365-6549**	**https://doi.org/10.1002/slct.20250 7029**