



SENGAMALA THAYAR EDUCATIONAL TRUST WOMEN'S COLLEGE
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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 and Cadmium from Waste Water By Using acid Activated Carbon of Samanea Saman | Journal of Emerging Technologies and Innovative Research | UGC APPROVED | Apr-23 | 2349 - 5162 | www.jetir.org |

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|---|---------------|--|--|--------------|------------|-----------|---|
| 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/00 | 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 International | UGC Approved | 16.10.2023 | 0971-765X | http://doi.org/10.53550/EEC.2023.v30i01s.086 |
| 8 | Mrs.T,Vimala | Solar Light Driven Photocatalytic Activity of TIO2 coupled BI2O4 Nanocomposites | Eco.Eno & Cons.30 (January Suppl.Issue): 2024:pp. (S428-S400) Copy right @ EM International | UGC APPROVED | 16.10.2023 | 0971-765X | http://doi.org/10.53550/EEC.2023.v30i01s.086 |