

LRG GOVERNMENT ARTS COLLEGE FOR WOMEN, TIRUPUR

**DEPARTMENT OF CHEMISTRY
RESEARCH PUBLICATIONS FROM 2018 – 19 ONWARDS**

S.No	Year	Name of the faculty	Publication Details
1	2018-19	Dr. T. Santhi	Malachite Green Dye degradation using ZnCl ₂ activated <i>Ricinus Communis</i> Stem by Sunlight irradiation V. Nirmala Devi, M. Makeswari and T. Santhi. <i>Rasayan J. Chem.</i> 2018 , <i>11(1)</i> , 219-227.
2	2018-19	Dr. T. Santhi	Degradation of Methylene Blue by Chitosan Alumina Composite using Sunlight Irradiation Saraswathi P. Makeswari M. and Santhi T. <i>Res. J. Chem. Environ.</i> 2018 , <i>22(5)</i> , 58-64.
3	2018-19	Dr. N. Suganthi	Effective Utilization of Eichhornia Crassipes in Decolourisation of Cationic dyes from Aqueous solution Kalai Selvi S., Suganthi. <i>N Chem Sci Rev Lett.</i> 2018 , <i>7(25)</i> , 201-213
4	2019-20	Dr. N. Suganthi	Adsorption of Congo red from aqueous solution onto activated carbon obtained from Eichhornia Crassipes – Batch Study Kalai Selvi S., and Suganthi. <i>N. International Journal of Research and Analytical Reviews</i> , 2019 , <i>6(2)</i> , 181-189.
5	2019-20	Dr. N. Suganthi	Adsorption of Synthetic Textile Wastewater with Phosphoric acid modified Carbon and Commercial Carbon. Kalai Selvi S., and Suganthi. <i>N. International Journal of Research and Analytical Reviews</i> , 2019 , <i>6(2)</i> , 334-342.
6	2019-20	Dr. N. Suganthi	Optimization of column studies on the adsorption of congo red dye using phosphoric acid-treated eichhornia crassipes Kalai Selvi S., and Suganthi. <i>N. International Journal of ChemTech Research</i> , 2019 , <i>12(5)</i> , 188-199
7	2019-20	Dr. P. K. Kasthuri	Corrosion inhibition and adsorption properties of mild steel in 1 M hydrochloric acid medium by expired amroxol drug P. Geethamani, M. Narmatha, R. Dhanalakshmi, S. Aejitha, P. K. Kasthuri <i>Journal of</i>

			<i>Bio- and Tribo-Corrosion</i> 2019 , 5(16), 1-18
8	2020-21	Dr. N. Suganthi	Continuous Fixed-Bed Column Study and Adsorption Modeling for Cadmium Removal. N. Suganthi <i>International Journal of Science and Research</i> , 2020 , 9(4), 1227-1232.
9	2021-22	Dr. T. Santhi	Electrochemical Degradation of Reactive Red 195 from its Aqueous Solution using RuO ₂ /IrO ₂ /TaO ₂ Coated Titanium Electrodes M Umadevi, R Rathinam, S Poornima, T Santhi, S Pattabhi. <i>Asian Journal of Chemistry</i> , 2021 , 33(8)1919-1922
10	2022-23	Dr. S. Annapoorani	Electrochemical Degradation of Reactive Red 195 from its Aqueous Solution using RuO ₂ /IrO ₂ /TaO ₂ Coated Titanium Electrodes P.Palani Murugan, C.Nirmala, K.Velumani, M.Obulichetty, S.S.Subramanian, S.Annapoorani, S.Rameshkumar <i>Eur. Chem. Bull.</i> 2023 , 12(5), 1772-1787.