



VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

Thindal, Erode – 638 012.



PUBLICATIONS

DEPARTMENT OF CHEMISTRY

2014-2021

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor
1.	Dr. N. Vijaya	Role of Zn ²⁺ in Enhancing the inhibition efficiency of Tri Sodium Citrate"	European Chemical Bulletin	2013, Vol.2 (5)	275-278	-
2.	Dr. N. Vijaya	Influence of Al ³⁺ on Corrosion Inhibition of Trisodium Citrate	Influence of Al ³⁺ on Corrosion Inhibition of Trisodium Citrate	2014, Vol. 4, No. 2;	937-945	-
3.	Dr. N. Vijaya	Corrosion inhibition by Trisodium Citrate-Ni ²⁺ System for carbon steel in well water	Nature and Science Journal	2014, 2 (5)	-	-

4.	Dr. N. Vijaya	Influence of Potassium Permanganate-Zn ²⁺ System on Inhibition of Corrosion of Mild Steel in Simulated Concrete Pore Solutions	Chemical Science Review and Letters	2014, 3 (11)	415-424	-
5.	Dr. N. Vijaya	Investigation on the Inhibition of Mild Steel Corrosion in Neutral Solution by 1-(8-Hydroxy quinolin-2yl-methyl) thiourea	Journal of chemical , Biological and Physical Sciences	2014, Vol.4(4)	3001-3010	-
6.	Dr. N. Vijaya	Corrosion Inhibition By Trisodium Citrate (TSC)-Al ³⁺ System in Well water	Innovative approaches in biological sciences towards sustainable development organized by PG & Research Department of Botany on 23.7.2014 & 24.7.2014	2014	131-137	-
7.	Dr. V. Sreeja	Electrochemical and Spectroelectrochemical Behaviour of Reactive Red 2 Dye	Journal of Management and Science, Special Issue XIV	Jan 2014, Vol.3	7-15	-
8.	Dr. J. Indira	Novel banana peel pectin mediated green route for the synthesis of hydroxyapatite nanoparticles and their spectral characterization	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	Jan. 2014, Vol.118	589-597	-

9.	Dr.J.Indira	Influence of surfactant concentration on nanohydroxyapatite growth	Bulletin of Materials Science	October 2013, Vol. 36, (5)	799-805	-
10.	Dr.V. Sreeja	A study on efficient dyeing and preparation of activated carbon from peels of citrus fruits for adsorption studies	Innovative approaches in biological sciences towards sustainable development organized by PG & Research Department of Botany on 23.7.2014 & 24.7.2014	2014	162-170	-
11.	Dr.V. Sreeja	Dextrose stabilized green synthesis route for ZnO nanoparticles	Innovative approaches in biological sciences towards sustainable development organized by PG & Research Department of Botany on 23.7.2014 & 24.7.2014	2014	54-57	-
12.	Dr.S.K.Kavitha	SciXplore:International Journal of Research in Science	Heterogeneous photocatalytic Treatment of Textile Effluent using Semiconductor Oxide under UV irradiation	December 2015, Vol.2 (2)	7-12	-
13.	Dr.J.Indira	Dextrose stabilized green synthesis route for ZnO nanoparticles	Innovative approaches in biological sciences towards sustainable development organized by PG & Research Department of Botany on 23.7.2014 & 24.7.2014.	2014	54-57	-
14.	Dr.J.Indira	A study on efficient dyeing and preparation of activated carbon from peels of citrus fruits for adsorption	Innovative approaches in biological sciences towards sustainable development organized by PG & Research Department of Botany on	2014	162-170	-

		studies	23.7.2014 & 24.7.2014			
15.	Dr.J.Indira	Starch mediated synthesis of hydroxyapatite nanoparticle for biomedical applications	Kongunadu Research Journal	January 2015, 2 (1)	15-17	-
16.	Dr.J.Indira	Synthesis and characterization of bioceramic/triterpenoid porous nanocomposite for biomedical applications	Nanomaterials and Nanotechnology (NANO-15)	2015	95-98	-
17.	Dr.S.Deepika Priyadharshini	Journal of the Indian Chemical Society	Phytochemical profile of Allmanianodiflora through in vitro antioxidant assays and GC-MS analysis	2015	904-907	-
18.	Dr.S.Deepika Priyadharshini	Journal of the Indian Chemical Society	Investigation of antioxidant activity and isolation of bioactive constituents from Albiziaamara bark extracts	2015	555-558	-
19.	Dr.N.Vijaya	Corrosion Inhibition of Carbon Steel in Well water by Trisodiumcitrate-Cu ²⁺ as Inhibitor	World Journal of Pharmacy and pharmaceutical sciences	2017, Vol 6	642-659	-
20.	Dr.V.Sreeja	Adsorption Efficiency of Activated Carbon Prepared from <i>Delonixregia</i> Fruit pods - Kinetic, Equilibrium and Thermodynamic	Journal for Advanced research in Applied Sciences	2018, Vol 5	375-381	-

		Studies				
21.	Dr.V.Sreeja	Comparative Efficiency of Pb-Pb, Pb-SS, Pb-Cu Electrodes in the Electrochemical Destruction of Reactive Orange M2R	Journal for Advanced research in Applied Sciences	2018, Vol. 5	333-337	-
22.	Dr.V.Sreeja	Cyclic Volammetric Studies of Reactive Anthraquinone Dye RB4	Journal for Advanced research in Applied Sciences	2018, Vol. 5	448-493	-
23.	Dr.V.Sreeja	Gramma Theivangal	Namakal Gandhipuram Gramma Theivangal	Feb 2018	200-204	-
24.	Dr.S.Deepika Priyadharshini	Biodegradability of Starch Blends- A Review	International Journal of Pharmacy and Technology	2017, Vol 9	6541-6550	-
25.	Dr. K.Vanitha Bharathi	Biodegradability of Starch Blends- A Review	International Journal of Pharmacy and Technology	2017, Vol 9	6541-6551	-
26.	Dr.S.Deepika Priyadharshini	Phytochemical profile of Two greens: Amaranthus tristis and Basella alba, for their in vitro antioxidant and antimicrobial properties-A comparison	International Journal of Pharmaceutical Research	2018, Vol. 10	97-108	-

27.	Dr. K.Vanitha Bharathi	Phytochemical profile of Two greens: <i>Amaranthus tristis</i> and <i>Basella alba</i> , for their in vitro antioxidant and antimicrobial properties-A comparison	International Journal of Pharmaceutical Research	2018, Vol. 10	97-109	-
28.	Mrs.V.Priya	Studies on the adsorption of Rhodamine B using Novel Nanocarbon balls	Rasayan Journal of Chemistry	2018, Vol. 11	4	-
29.	Dr.V.Sreeja	Adsorption Efficiency of Activated Carbon Prepared from <i>Delonixregia</i> Fruit pods - Kinetic, Equilibrium and Thermodynamic Studies	Journal for Advanced Research in Applied Sciences	2018, 5 (1)	375-381	-
30.	Dr.V.Sreeja	Comparative Efficiency of Pb-Pb, Pb-SS, Pb-Cu Electrodes in the Electrochemical Destruction of Reactive Orange M2R	Journal for Advanced Research in Applied Sciences	2018, 5 (1)	333-337	-
31.	Dr.V.Sreeja	Cyclic Volammetric Studies of Reactive Anthraquinone Dye RB4	Journal for Advanced Research in Applied Sciences	2018, 5 (1)	448-493	-

32.	Dr.S.Deepika Priyadharshini	Phytochemical Profile of Two Greens: Amaranthustristis and Basella alba, for their In Vitro Antioxidant and Antimicrobial Properties	International Journal of Pharmaceutical Research	2018	-	-
33.	Dr. K.Vanitha Bharathi	Phytochemical Profile of Two Greens: Amaranthustristis and Basella alba, for their In Vitro Antioxidant and Antimicrobial Properties	International Journal of Pharmaceutical Research	2018, 10	-	-
34.	Mrs.V.Priya	Studies on the Adsorption of Rhodamine-B using novel Nano Carbon Balls	Rasayan Journal of Chemistry	2018, 11	1663-1673	-
35.	Dr.J.Indira	Comparison of template mediated ultrasonic and microwave irradiation method on the synthesis of hydroxyapatite nanoparticles for biomedical applications	Materials Today proceedings	2021	-	1.8