



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

2014-2020

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.
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-2-yl-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
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 Delonix regia Fruit pods - Kinetic, Equilibrium and Thermodynamic	Journal for Advanced research in Applied Sciences	2018, Vol 5	375-381
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 Voltammetric 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 invitro antioxidant and antimicrobial properties-Acomparision	International Journal of Pharmaceutical Research	2018, Vol. 10	97-108
27.	Dr. K.Vanitha Bharathi	Phytochemical profile of Two greens: Amaranthus tristis and Basella alba, for their invitro antioxidant and antimicrobial properties-Acomparision	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 Delonix regia 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 Voltammetric 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 InVitro Antioxidant and AntimicrobialProperties	International Journal of Pharmaceutical Research	2018	-
33.	Dr. K.Vanitha Bharathi	Phytochemical Profile of Two Greens: Amaranthustristis and Basella alba, for their InVitro 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 CarbonBalls	Rasayan Journal of Chemistry	2018, 11	1663-1673

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S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.
1.	Dr.V.Sreeja	Electroanalysis of Reactive Dyes on Glassy Carbon Electrode	Materials Today: Proceedings, Elsevier	2022, 48(2)	338-342
2.		Synthesis of Silver/Hydroxyapatite/Tryptophan Nanaocomposite Particles by Biological Method	Materials Today: Proceedings, Elsevier	2022, 51 (4)	1685-1689
3.	Dr.J.Indira	Synthesis of Silver/Hydroxyapatite/Tryptophan Nanaocomposite Particles by Biological Method	Materials Today: Proceedings, Elsevier	2022, 51 (4)	1685-1689
4.		Comparison of Template Mediated Ultrasonic and Microwave Irradiation Method on the Synthesis of Hydroxyapatite Nanoparticles for Biomedical Applications	Materials Today: Proceedings	2022, 51 (4)	1765-1769
5.	Dr. K.Vanitha Bharathi	Recent Progress And Biomedical, Applications Of Metal Oxide Based Biodegradable Polymer Nanocomposites –An Overview	Journal of Pharmaceutical Research	2022, 14(1)	45-59

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S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.
1.	Dr.N.Vijaya	Book Chapter: Use of Nanocomposites as photocatalysts, Nanocomposites by N.B. Singh	Jenny Stanford Publishing	December 2022	283-328
2.	Dr.N.Vijaya	Book Chapter: Clay Supported TiO ₂ Nanocomposites as Photocatalysts, Nanocomposites by N.B. Singh	Jenny Stanford Publishing	December 2022	329-374
3.	Dr.V.Priya	Influence of using ICT Tools in Higher Education	International Journal of Progressive Research in Engineering Management and Science (IJPREAMS)	March 2023, 3(3)	376-382