



**PSGR KRISHNAMMAL COLLEGE FOR WOMEN**  
College with Potential for Excellence  
(An Autonomous Institution, Affiliated to Bharathiar University)  
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Peelamedu, Coimbatore-641004



### List of Publication's-2016

S.No	Title of the paper	Name of the author	Title of the journal
1	Existence and exponential stability for neutral stochastic integrodifferential equations with impulses driven by a fractional Brownian motion	Arthi, G., Park, J.H., Jung, H.Y.	Communications in Nonlinear Science and Numerical Simulation
2	Non-fragile observer-based passive control for discrete-time systems with repeated scalar non-linearities	Arthi, G., Lee, T.H., Park, J.H., Jung, H.Y.	IMA Journal of Mathematical Control and Information
3	Investigation of structural, optical and morphological properties of copper doped zinc sulphide nanoparticles	Balavijayalakshmi, J., Manju, S.	Materials Science in Semiconductor Processing
4	Effect of particle size on optical and electrical properties in mixed CdS and NiS nanoparticles synthesis by ultrasonic wave irradiation method	Mohanraj, V., Jayaprakash, R., Robert, R., Balavijayalakshmi, J., Gopi, S.	Materials Science in Semiconductor Processing
5	Corrosion inhibition property of polyester groundnut shell biodegradable composite	Sounthari, P., Kiruthika, A., Saranya, J., Parameswari, K., Chitra, S.	Ecotoxicology and Environmental Safety
6	Dry and wet lab analysis on benzofused heterocyclic compounds as effective corrosion inhibitors for mild steel in acidic medium	Hemapriya, V., Prabakaran, M., Parameswari, K., Chitra, S., Kim, S.-H., Chung, I.-M.	Journal of Industrial and Engineering Chemistry
7	Synthesis, Characterization, Single-Crystal XRD, and Biological Evaluation of Nickel(II) Salen Sulfadiazine	Jone Kirubavathy, S., Velmurugan, R., Tamilarasan, B., Karvembu,	Synthesis and Reactivity in Inorganic, Metal-Organic and

	Complex	R., Bhuvanesh, N.S.P., Chitra, S.	Nano-Metal Chemistry
8	Co(II) complex of 2-amino-6-methylbenzothiazole: Synthesis, structure and biological evaluation	Jone Kirubavathy, S., Velmurugan, R., Karvembu, R., Bhuvanesh, N.S.P., Enoch, I.V.M.V., Mosae Selvakumar, P., Chitra, S.	Indian Journal of Chemistry - Section A Inorganic, Physical, Theoretical and Analytical Chemistry
9	Biosorption of divalent ion onto treated prosopis juliflora bark from aqueous solutions: Isothermal and statistical analysis	Andal, N.M., Charulatha, S., Gayathri, N.S.	Oriental Journal of Chemistry
10	Tragia plukenetii extract as an eco-friendly inhibitor for mild steel corrosion in HCl 1 M acidic medium	Prabakaran, M., Kim, S.-H., Hemapriya, V., Chung, I.- M.	Research on Chemical Intermediates
11	Synthesis and corrosion inhibition study of benzothiazepine derivatives on mild steel in acid medium	Sasikala, T., Parameswari, K., Chitra, S.	Oriental Journal of Chemistry
12	N-heterocycles as corrosion inhibitors for mild steel in acid medium	Saranya, J., Sowmiya, M., Sounthari, P., Parameswari, K., Chitra, S., Senthilkumar, K.	Journal of Molecular Liquids
13	Evaluation of polyphenol composition and anti-corrosion properties of Cryptostegia grandiflora plant extract on mild steel in acidic medium	Prabakaran, M., Kim, S.-H., Hemapriya, V., Chung, I.- M.	Journal of Industrial and Engineering Chemistry
14	Soya bean oil based polyurethanes for corrosion inhibition of mild steel in acid medium	Eswaramoorthi, V., Jagadeesan, S., Palanisamy, S., Kandhasamy, P., Chitra, S.	Journal of Adhesion Science and Technology
15	Experimental and density function theory calculations to investigate the adsorption of an anti-inflammatory drug on aluminum surface in acid solution	Monisha, R., Ramkumar, S., Nalini, D.	NACE - International Corrosion Conference Series

16	Acenaphtho[1,2-b]quinoxaline and acenaphtho[1,2-b]pyrazine as corrosion inhibitors for mild steel in acid medium	Saranya, J., Sounthari, P., Parameswari, K., Chitra, S.	Measurement: Journal of the International Measurement Confederation
17	Corrosion abatement in acid pickling industries by effective N-heterocyclic compounds: Dry and wet lab studies	Ramkumar, S., Nalini, D.	NACE - International Corrosion Conference Series
18	Corrosion inhibition of N80 steel in 15% HCl by pyrazolone derivatives: Electrochemical, surface and quantum chemical studies	Ansari, K.R., Quraishi, M.A., Singh, A., Ramkumar, S., Obote, I.B.	RSC Advances
19	Rhus verniciflua as a green corrosion inhibitor for mild steel in 1 M $H_2SO_4$	Prabakaran, M., Kim, S.-H., Hemapriya, V., Gopiraman, M., Kim, I.S., Chung, I.-M.	RSC Advances
20	Assessment of physicochemical characteristics and the level of nutrient contents as well as heavy metal ions in waters of three lakes at Coimbatore, Tamil Nadu, India	Manikandan, R., Ezhili, N., Muthulakshmiandal, N., Favas, P.J.C., Venkatachalam, P.	Journal of Materials and Environmental Science
21	Highly efficient Ligularia fischeri green extract for the protection against corrosion of mild steel in acidic medium: Electrochemical and spectroscopic investigations	Prabakaran, M., Kim, S.-H., Kalaiselvi, K., Hemapriya, V., Chung, I.-M.	Journal of the Taiwan Institute of Chemical Engineers
22	Biosynthesis of PVA encapsulated silver nanoparticles	Chandran, S., Ravichandran, V., Chandran, S., Chemmanda, J., Chandarshekar, B.	Journal of Applied Research and Technology
23	Assessment of competence of the Pseudomonas aeruginosa to solubilize insoluble form of zinc under various cultural parameters	Devi, S.N.P., kumari, K.S., Vasandha, S.	Arabian Journal for Science and Engineering

24	Organic cultivation of medicinal plants: Influence of composted coir pith on the growth and yield of <i>Coleus forskohlii</i> (willd.) Briq	Padmadevi, S.N., Bai, R.S.M., William, S.P.M.P., Sunithakumari, K.	Compost Science and Utilization
25	Phosphorus Supplementation Alleviation of the Cadmium-Induced Toxicity by Modulating Oxidative Stress Mechanisms in Vetiver Grass [ <i>Chrysopogon zizanioides</i> (L.) Roberty]	Manikandan, R., Ezhili, N., Venkatachalam, P.	Journal of Environmental Engineering (United States)
26	Cancellable multimodal biometric user authentication system with fuzzy vault	Sorubae, S.R., Radha, N.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
27	Multimodal biometric template authentication of finger vein and signature using visual cryptography	Nandhinipreetha, A., Radha, N.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
28	Classification of Heart Rate data using BFO-KFCM clustering and improved extreme learning machine classifier	Kavitha, R., Christopher, T.	2016 International Conference on Computer Communication and Informatics, ICCCI 2016
29	New possibility on InZnO nano thin film for green emissive optoelectronic devices	Sugumaran, S., Noor Bin Ahmad, M., Faizal Jamlos, M., Bellan, C.S., Chandran, S., Sivaraj, M.	Optical Materials
30	Predicting muscular dystrophy with sequence based features for point mutations	Sathyavikasini, K., Vijaya, M.S.	Proceedings of 2015 IEEE International Conference on Research in Computational

			Intelligence and Communication Networks, ICRCICN 2015
31	Community detection based on girvan newman algorithm and link analysis of social media	Sathiyakumari, K., Vijaya, M.S.	Communications in Computer and Information Science
32	Zinc solubilizing bacterial isolates from the agricultural fields of Coimbatore, Tamil Nadu, India	Sunithakumari, K., Padma Devi, S.N., Vasandha, S.	Current Science
33	Graph cut based segmentation method for tamil continuous speech	Laxmi Sree, B.R., Vijaya, M.S.	Communications in Computer and Information Science
34	Identification of rare genetic disorder from single nucleotide variants using supervised learning technique	Sathyavikasini, K., Vijaya, M.S.	International Journal of Control Theory and Applications
35	A survey on web video classification based on descriptor	Amsaveni, R., Nedunchezian, R.	International Journal of Control Theory and Applications
36	Stop Consonant-Short Vowel (SCSV) classification for Tamil speech utterances	Karpagavalli, S., Chandra, E.	International Review on Computers and Software
37	Robust model to improve the energy efficiency in IEEE 802.15.4 sensor network	Sophia Reena, G., Nedunchezian, R.	International Journal of Control Theory and Applications
38	Efficacy of Pleurotus sajor caju as an excellent potting medium for garden plants	Harathi, P.B., Radha, R., Gayathri, M.	International Journal of Pharma and Bio Sciences
39	Efficiency of Aspergillus terreus to solubilize insoluble form of phosphorus into soluble form under various cultural conditions	Anitha, S., Padma Devi, S.N.	International Journal of Pharma and Bio Sciences