



## PSGR KRISHNAMMAL COLLEGE FOR WOMEN

College of Excellence

(An Autonomous Institution, Affiliated to Bharathiar University)  
(Reaccredited with 'A' Grade by NAAC, An ISO 9001:2008 Certified Institution)

Peelamedu, Coimbatore-641004



### List of Publication's-2017

S.No	Title of the paper	Name of the author	Title of the journal
1	Tight Focusing Properties of Azimuthally Polarized Pair of Vortex Beams through a Dielectric Interface	Janet, C. A. P.; Lavanya, M.; Rajesh, K. B.; Udhayakumar, M.; Jaroszewicz, Z.; Velauthapillai, D.	Chinese Physics Letters
2	Electrodeposition of WO <sub>3</sub> nanostructured thin films for electrochromic and H <sub>2</sub> S gas sensor applications	Poongodi, S.; Kumar, Palaniswamy Suresh; Mangalaraj, D.; Ponpandian, N.; Meena, P.; Masuda, Yoshitake; Lee, Chongmu	Journal of Alloys and Compounds
3	Aster koraiensis as nontoxic corrosion inhibitor for mild steel in sulfuric acid	Prabakaran, Mayakrishnan; Kim, Seung-Hyun; Mugila, Nithiyandham; Hemapriya, Venkatesan; Parameswari, Kandasamy; Chitra, Subramanian; Chung, Ill-Min	Journal of Industrial And Engineering Chemistry
4	Corrosion inhibition and adsorption behaviour of some bis-pyrimidine derivatives on mild steel in acidic medium	Anusuya, Nagarajan; Saranya, Jagadeesan; Sounthari, Palanisamy; Zarrouk, Abdelkader; Chitra, Subramanian	Journal of Molecular Liquids
5	Adsorption characteristics of Iota-carrageenan and Inulin biopolymers as potential corrosion inhibitors at mild steel/sulphuric acid interface	Gowraraju, Nirmala Devi; Jagadeesan, Saranya; Ayyasamy, Kiruthika; Olasunkanmi, Lukman O.; Ebenso, Eno E.; Subramanian, Chitra	Journal of Molecular Liquids
6	Experimental and theoretical studies on inhibition of benzothiazines against corrosion of mild steel in	Hemapriya, Venkatesan; Prabakaran, Mayakrishnan; Parameswari, Kandasamy; Chitra, Subramanian; Kim, Seung-Hyun; Chung, Ill-Min	Anti-Corrosion Methods and Materials

	acidic medium		
7	Structural, theoretical investigations and biological evaluation of Cu(II), Ni(II) and Co(II) complexes of mercapto-pyrimidine schiff bases	Kirubavathy, S. Jone; Chitra, S.	Journal of Molecular Structure
8	Utilization of magnetic nano cobalt ferrite doped Capra aegagrus hircus dung activated carbon composite for the adsorption of anionic dyes	Thangamani, K. S.; Andal, N. Muthulakshmi; Kumar, E. Ranjith; Saravanabhavan, M.	Journal of Environmental Chemical Engineering
9	Synthesis and characterization of dextrin-based polymer electrolytes for potential applications in energy storage devices	Devi, G. Nirmala; Chitra, S.; Selvasekarapandian, S.; Premalatha, M.; Monisha, S.; Saranya, J.	Ionics
10	Prognosis of muscular dystrophy with extrinsic and intrinsic descriptors through ensemble learning	Kalimuthu, Sathyavikasini; Vijayakumar, Vijaya	Turkish Journal of Electrical Engineering and Computer Sciences
11	Synthesis, characterization and biological evaluation of Ru(III) mercaptopyrimidine Schiff base complexes	Kirubavathy, SJ; Saranya, J; Sathya, N; Enoch, IVMV; Selvakumar, PM; Chitra, S	Applied Organometallic Chemistry
12	Nano-sheet-like KNiPO <sub>4</sub> as a positive electrode material for aqueous hybrid supercapacitors	Priyadharsini, N; Selvan, RK	Electrochimica Acta
13	Polyamidoaminoepichlorohydrin resin a novel synthetic anti-corrosive water soluble polymer for mild steel	Devi, GN; Saranya, J; Manjubaashini, N; Thangadurai, TD; Roopan, SM; Chitra, S	Progress in Organic Coatings
14	Isolation, spectroscopic and thermal properties of	Kanchana, P; Packiaraj, S; Pushpaveni,	Journal of Thermal Analysis

	hydrazinium tris(oxydiacetato)lanthanate(I II) hemi(pentahydrate)	A; Govindarajan, S	and Colarimetry
15	beta-Sitosterol isolated from rice hulls as an efficient corrosion inhibitor for mild steel in acidic environments	Prabakaran, M; Kim, SH; Sasireka, A; Hemapriyac, V; Chung, IM	New Journal of Chemistry
16	Synthesis and corrosion inhibition study of benzodiazepines on mild steel in sulphuric acid medium	Sasikala, T; Parameswari, K; Chitra, S; Kiruthika, A	Measurement
17	Development of smart clothing for military applications using thermochromic colorants	Karpagam, KR; Saranya, KS; Gopinathan, J; Bhattacharyya, A	Journal of The Textile Institute
18	Deep belief networks for phoneme recognition in continuous Tamil speech-an analysis	Raguram, LSB; Shanmugam, VM	Traitement Du Signal
19	Structural and molecular docking studies of biologically active mercaptopurimidine Schiff bases	Kirubavathy, S.J., Velmurugan, R., Karvembu, R., Bhuvanesh, N.S.P., Enoch, I.V.M.V., Selvakumar, P.M., Premnath, D., Chitra, S.	Journal of Molecular Structure
20	Multi-label Classification: Problem Transformation methods in Tamil Phoneme classification	Pushpa, M., Karpagavalli, S.	Procedia Computer Science
21	Effect of cobalt substitution on structural and magnetic properties of magnesium ferrite nanoparticles	Balavijayalakshmi, J., Sudha, T.	Springer Proceedings in Physics
22	Effect of Synthesis Conditions on Formation, Electrical Properties, and Seebeck Coefficient of p-	Radhika, T., Raghu, N., Powrnami, N., Jothi Ramalingam, R., Al-Lohedan, H.A.	Journal of Electronic Materials

	Type Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Thermoelectric Ceramics		
23	Impact of annealing on structural and magnetic properties of manganese co-doped magnesium-cobalt ferrite nanoparticles	Balavijayalakshmi, J., Annie Josphine, C.	Springer Proceedings in Physics
24	Ensemble learning for identifying muscular dystrophy diseases using codon bias pattern	Sathyavikasini, K., Vijaya, M.S.	Advances in Intelligent Systems and Computing
25	A Voice Activity Detector using SVM and Naive Bayes Classification Algorithm	Selvakumari, N. A. Sheela; Radha, V.	Proceedings of 2017 IEEE International Conference on Signal Processing and Communication (ICSPC'17)