



PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution

[JAISAKTHI EDUCATIONAL TRUST]

Approved by AICTE | Affiliated to Anna University | Recognized by UGC

All Eligible UG Programs are Accredited by NBA

Bangalore Trunk Road, Varadharajapuram, Poonamallee, Chennai- 600 123

DEPARTMENT OF AND HUMANITIES AND SCIENCE JOURNAL PUBLICATIONS AY 2021-22

S.NO	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	DR.A.VENKATESAN	Green inspired synthesis of ZnO nanoparticles and its characterizations with biofilm, antioxidant, anti-inflammatory and anti-diabetic activities	Journal of molecular structure	SCI	https://www.Scopus.com/authid/detail.uri?authorId=57359869400
2.	DR.A.VENKATESAN	Self-Assembled Hierarchical Microporous ZrO ₂ nanoparticles and Mg Doped ZrO ₂ synthesized by non-aqueous sol gel route	Journal of material science: materials in electronics	SCI	https://www.Scopus.com/authid/detail.uri?authorId=57359869400
3.	DR.S.SAKTHIVEL	Molecular Structure and stability conformations of 2-Acetyl-gamma-butyrolactone in aqueous phase and the solvent effects on its electronic structures	Computational and theoretical chemistry	SCI	https://www.Scopus.com/authid/detail.uri?authorId=57218539046
4.	DR.S.SAKTHIVEL	Synthesis, Spectroscopic, Molecular Docking and Inhibitory activity of 6-Bromo-2(4-chlorophenyl)-1H-benzimidazole a DFT approach	Journal of molecular structure	SCI	https://www.Scopus.com/authid/detail.uri?authorId=57218539046
5.	DR. C. ESTHER JEYANTHI	Columnar structure growth of Mn-doped ZnO (MZO) thin films by radio frequency co-sputtering and studies on films properties	Materials technology	SCI	https://www.Scopus.com/authid/detail.uri?authorId=57218711789

6.	Mrs. P. SANGEETHA	Vibrational spectroscopy, quantum computational and molecular docking studies on 2-chloroquinoline-3-carboxaldehyde	Journal of Molecular Liquids	SCIE	https://www.scopus.com/authid/detail.uri?authorId=57193875760
7.	Mrs. P. SANGEETHA	Spectroscopic Investigation of 2-Amino-1-naphthalenesulfonic acid and utilizing the IEFPCM model analyzing the electronic properties of various solvents (Methanol, DMSO, Benzene,)	Journal of Molecular Liquids	SCIE	https://www.scopus.com/authid/detail.uri?authorId=57193875760
8.	DR. T.M. USHA MARY	Elucidating the role of N440K mutation in SARS-CoV-2 spike-ACE-2 binding affinity and COVID-19 severity by virtual screening, molecular docking and dynamics approach	Journal Of Biomolecular Structure And Dynamics	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=57765693200
9.	DR. T.M. USHA MARY	Enhanced biodegradation of thiocyanate by immobilized Bacillus brevis	Journal of the Indian chemical society	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=57765693200
10.	MR.ALVIN KALICHARAN	Scavenging methyl orange dye from aqueous solution using an effective low-cost activated carbon prepared from delonix regia seeds.	Indian journal of chemical technology	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=59066522000
11.	MR.ALVINKALICHARAN	INVESTIGATION OF ENHANCING THE PERFORMANCE AND DEPOSITION CHARACTERISTICS OF COPPER (II) METHANE SULPHATE SALT COMPLEXED WITH MANNITOL BATH	Rasayan Journal of Chemistry	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=59066522000
12.	DR T.KAMATCHI	Study of Polymer Matrix Composites for Electronics Applications	Journal of nanomaterials	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=13607252200

13.	MR. B. VIJAYAKUMAR	Synthesis and Characterization of CdO-SnO ₂ NPs with excellent performance for naphthol Blue Black(NBB) dye photodegradation and multi-application study	Advances in materials sciences and engineering	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=57053646800
14.	MRS. SHINY WILSON	Co-Pyrolsis of hardwood combined with Industrial pressed oil cake and agricultural residues for enhanced bio oil production	Journal of chemistry	SCOPUS	https://doi.org/10.1155/2022/9884766
15.	Dr. A. JAYATHI	A Linguistic Study of Chemistry	Oriental Journal of Chemistry	WOS	http://dx.doi.org/10.13005/ojc/38023
16.	Dr. A. JAYATHI	Experimental investigation on mechanical behavior of Kevlarandramie fiber reinforce epoxy composite	Journal of Nano materials	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57408135700
17.	Dr. A. KISTAN	Structure-Based Virtual Screening of Benzaldehyde Thio semicarbazone Derivatives against DNA Gyrase B of Mycobacterium tuberculosis	Evidence-Based Complementary and Alternative Medicine	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56771385900
18.	Dr. A. KISTAN	Removal of COD from Groundwater in and Around Industrial Areas-Using Activated Carbon Powder Prepared by Groundnut Foliage and Ground nut husk	Oriental Journal of Chemistry	WOS	http://dx.doi.org/10.13005/ojc/37042
19.	Dr. A. KISTAN	A simple treatment of tannery wastewater using modified activated carbon by metal chloride	Asian Journal of Chemistry	SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=56771385900
20.	Dr. A. KISTAN	Physiological emotion recognition by means of machine learning demonstration	Journal of Positive School Psychology	SCOPUS	https://journalppw.com/index.php/jpsp/article/view/1143
21.	Dr. S.VASANTHAN	Seasonable spatial distribution and water quality by tannery activities in Vaniyambadi, Vellore District, India	Oriental Journal of Chemistry	WOS	http://dx.doi.org/10.13005/ojc/37033

22.	Mrs. A. SARAL	Evaluation of electronic properties in different solvents, spectroscopic exposition molecular docking studies of 5-Chloro-2-hydroxypyridine-Insulys in inhibitor	Journal of Molecular Liquids	WOS	https://www.scopus.com/authid/detail.uri?authorId=57226079850
23.	Mrs. A. SARAL	Anti-microbial activity, molecular profiling, electronic properties and molecular docking investigations of 5-[1-hydroxy-2-(isopropylamino)ethyl] benzene-1,3-diol	Journal of Molecular Structure	WOS	https://www.scopus.com/authid/detail.uri?authorId=57226079850
24.	Mrs. A. SARAL	Electronic properties of solvents(Water, Benzene, Ethanol) using IEFPCM model, spectroscopic exploration with drug likeness, molecular docking on Octa nesulfonic Acid Sodium Salt	Journal of Molecular Liquids	WOS	https://www.scopus.com/authid/detail.uri?authorId=57226079850
25.	Mrs. A. SARAL	Evaluation of electronic and biological interactions between N-[4-(Ethyl sulfamoyl)phenyl] and some polar liquids with Fukui function and molecular docking analysis	Journal of Molecular Liquids	WOS	https://www.scopus.com/authid/detail.uri?authorId=57226079850
26.	Mrs. A. SARAL	Elucidation of molecular structure, UV - Vis.vibrational spectra, quantum computational & molecular docking techniques on 4-Phenyl(1,2-13C2) butanoic acid	Journal of Molecular Structure	WOS	https://www.scopus.com/authid/detail.uri?authorId=57226079850
27.	DR. M. SUNDAR RAJ	A Practical Approach To The Defect Prediction Model For Software Testing	Journal of nuclear energy science & power generation technology	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=57237620600
28.	DR. R. BALAJI	Computation of magneto hydrodynamic electro-osmotic modulated rotating squeezing flow with zeta potential effects	Colloids and surfaces a: Physicochemical and engineering aspects	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=57204338689

29.	Mr.A.S.PRAKAASH	A novel combined power generation and argon liquefaction system; investigation and optimization of energy, and Entransy phenomena	The Journal of Energy Storage	SCOPUS	https://doi.org/10.1016/j.est.2022.104613
30.	Mr.A.S.PRAKAASH	Optimized recurrent neural network with fuzzy classifier for data prediction using hybrid optimization algorithm: Scope towards diverse applications	International Journal of Wavelets, Multi resolution and Information Processing	SCOPUS	https://doi.org/10.1142/s0219691320500745
31.	DR. L.JEYANTHI	Mathematical Model for Energy and Exergy-Based Simulation of Triangular Solar Energy Extractor for Air Heating Applications.	Mathematical problems in engineering.	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=56826067600
32.	MR. V. KAMALAKANNAN	Mittag-Leffler-Hyers-Ulam Stability of a linear differential equations of second order using Laplace Transform	Journal of mathematical and computational science	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=58220200300
33.	MR. V. KAMALAKANNAN	Recurrence of Generalized limiting ratio relations	International journal of mechanical engineering	SCOPUS	https://www.Scopus.com/authid/detail.uri?authorId=58220200300
34.	Mrs. C.MOHANAPRIYA	Total number of ways of transmission from a higher level to lower level using truth table and combinatorics	Materials Today: Proceedings	SCOPUS	https://doi.org/10.1016/j.matpr.2020.12.459
35.	MRS. V. MANIMOZHI	Twin vertices in fault-tolerant metric sets and fault-tolerant metric dimension of multistage interconnection networks	Applied mathematics and computation	SCIE	https://www.Scopus.com/authid/detail.uri?authorId=57226437307
36.	MERCY MARCUS	A Linguistic Study of Chemistry	Oriental Journal of Chemistry	WOS	http://dx.doi.org/10.13005/ojc/38023
37.	MRS. D. SAGAYA RANIEBA	On detour index of cyclo para-phenylene and poly phenylene molecular structures	Scientific Reports	SCOPUS	https://doi.org/10.1038/s41598-021-94765-6