

VINAYAKA MISSION'S KIRUPANANDA VARIYAR ARTS AND SCIENCE COLLEGE, SALEM
A Constituent College of Vinayaka Mission's Research Foundation
Deemed to be University

List of Publications - 2023

S.No	Department	Authors Name	Paper Title	Journal-name	Month	Year	Indexed in (Scopus/ Web of science/ Pubmed/UGC care)	ISSN number
1	Computer Science	Vinumon Jacob, M. Prakash	A Review of Big Data Analytics on Post-COVID Health Issues	IEEE Xplore	March	2023	Scopus	2473-2001
2	Computer Science	G. Prem Kumar, M. Prakash	COLOR DETECTION OF RGB IMAGE USING PYTHON	Dogo Rangsang Research Journal	April	2023	UGC care	2347-7180
3	Chemistry	Govindasamy Murugadoss, Karthik Kumar Chinnakutti , Gunasekaran Manibalan, Rajesh Kumar Manavalan, Kathirvel Brindhadevi, Arivalagan Pugazhendhi	Cost-effective carbon black-graphite composite with solid-state based CuSCN electrode for dye-sensitized solar cells	Fuel	April	2023	Scopus	0016-2361
4	Chemistry	Karthik kumar Chinnakutti , Madappa C. Maridevaru, Reshma Kaimal, Naveena Paramasivam, Kamalan Kirubaharan, Jayaraman Theerthagiri, Aruna Kumari M.L., Sivakumar Manickam, Sambandam Anandan, Myong Yong Choi.	Electrochemical detection of arsenic (III) hazardous chemicals using cubic CsPbBr ₃ single crystals: Structural insights from DFT study	Environmental Research	April	2023	Scopus	0013-9351

5	Chemistry	Senthilkumar Chandrasekaran, Venkattappan Anbazhagan	Green Synthesis of ZnO and V-Doped ZnO Nanoparticles Using Vinca rosea Plant Leaf for Biomedical Applications	Applied Biochemistry and Biotechnology	April	2023	Scopus	ISSN 1559-0291, 0273-2289
6	Computer Science	S. Asvathanand, M. Prakash	ONLINE DIGITAL BOOK WITH QR CODE USING PYTHON	Dogo Rangsang Research Journal	May	2023	UGC care	2347-7180
7	Computer Science	P. Deepak Niranjan, M. Suguna	GOOGLE NEAREST HELP ZONE USING ANDROID APPLICATION	Dogo Rangsang Research Journal	May	2023	UGC care	2347-7180
8	Computer Science	K. Thirukumar, M. Prakash	HAND GESTURE VOLUME AND BRIGHTNESS CONTROL - PYTHON OPENCV	Dogo Rangsang Research Journal	May	2023	UGC care	2347-7180
9	Computer Science	K. Praveenkumar, V. Vaidegi	NUMBER PLATE RECOGNITION USING PYTHON OPENCV	Dogo Rangsang Research Journal	May	2023	UGC care	2347-7180
10	Computer Science	P. Karuppan, M.Devaraj	FACE REGIONTION FOR AGE AND GENDER FINDER USING PYTHON OPENCV	Dogo Rangsang Research Journal	May	2023	UGC care	2347-7180
11	Chemistry	R. Gomathi , R. Ganesamoorthy , S. Madeswaran, R. Parameswari, G. Vinitha, C. Ramki	Synthesis and characterization of cyclohexylammonium hydrogen maleate hemihydrate single crystal and its anti-bacterial activities	Materials Today: Proceedings	May	2023	Scopus	2214-7853
12	Chemistry	Ramesh Kumar K, C. Manivannan and Anbazhagan V	Evaluation of heavy metals and ecological risk factors in agricultural industrial (SAGO) soil of Attur, Salem District, South India	Indian Journal of Environmental Protection	June	2023	Scopus	0253–7141
13	Mathematics	B.Anitha, A.Venkatachalam, G. Mangalam , M.Dhanapal	Improved Approach for Oscillatory Solutions of Second Order Half-Linear Neutral Delay Difference Equation	European Chemical Bulletin	June	2023	Scopus	2063-5346

14	Chemistry	Suriyanarayanan Sarvajayakesavalu ^{1,2*} , Pisit Chareonsudjai ³ , Wirmon Mongkonthum ³ and Ravikumar Mathaiah	A perspective study on occurrence, impacts and sources of microplastics in the marine environment of south China Sea and Gulf of Thailand	Research Journal of Chemistry and Environment	June	2023	Scopus	0972-0626
15	Chemistry	Arunkumar Kathiravana, Mahalakshmi Narayanana, Mariadoss Asha Jhonsib, Venkattappan Anbazhagan	Receptor-free phenothiazine derivative as fluorescent probe for picric acid: Investigation of the inner filter effect channel	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	December	2023	Scopus	1386-1425
16	Chemistry	Parameswari R,, R. Babujanarthanam , T.B. Sridharan, T. Yogesh, S. Nithyanandan, R. Gomathi, R. Ganeshmoorthy	Cinnamon mediated- zinc oxide nanoparticles and its cryogenic effect on SARS-CoV-2 recovered HTPI patients – An in vitro cum pilot study	Materials Today: Proceedings	August	2023	Scopus	2214-7853
17	Commerce	V. Ramesh	Challenges and Opportunities of small scale industries in coimbatore	Journal of the asiatic society of mumbai	August	2023	UGC Care	0972-0766
18	Chemistry	C. Manivannan, S. Baskaran, K.A. Sharanya, N. Vedichi, V. Anbazhagan	Spectroscopic study on the Reaction of Singlet-Excited Nile blue with certain catecholic antioxidants	Research Journal of Pharmacy and Technology	September	2023	Scopus	0974-360X
19	Computer Science	J. Abinesh, M. Prakash , D. Vinod Kumar	Improving Node Energy Efficiency in Wireless Sensor Networks (WSNs) Using Energy Efficiency-Based Clustering Adaptive Routing Scheme	Lecture Notes in Networks and Systems	Scopus	November	2023	2367-3370
20	.Environmental Science	Tian Xie a, Meie Wang, Rong Jiang, Lei Li, Xinyue Chen, Suriyanarayanan Sarvajayakesavalu , Weiping Chen	Comparative study on anthropogenic impacts on soil PAHs: Accumulation and source apportionment in tourist and industrial cities in Hebei Province, China	Science of the Total Environment	Scopus	November	2023	0048-9697