

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 - 2022

S.No	Department	Authors Name	Paper Title	Journal-name	Month	Year	Indexed in (Scopus / Web of science /Pubmed / UGC care)	ISSN number
1	Chemistry	R Gomathi , R Ganesamoorthy , D R Babu , G Vinitha and S Madeswaran	Investigation on growth, structural, DFT and third-order nonlinear optical studies of cyclohexylammonium 4-nitrobenzoate for optical limiting applications	Indian Journal of Physics	January	2022	Scopus/ Web of Science	0973-1458
2	English	A.Divya	Psychological Ambivalence in Aravind Adiga's The White Tiger	International Journal of Creative Research Thoughts (IJCRT)	January	2022	UGC Care	2320-2882
3	Chemistry	Senthilkumar Chandrasekaran, Venkattappan Anbazhagan , Shanmugam Anusuya	Green route synthesis of ZnO nanoparticles using Senna auriculata aqueous flower extract as reducing agent and evaluation of its antimicrobial, antidiabetic and cytotoxic activities	Applied Biochemistry and Biotechnology	March	2022	Scopus	1559-0291
4	Chemistry	G. Kanagasabapathy, S. Britto, V. Anbazhagan	Synthesis, characterization and molecular docking studies of acetamide derivatives of 2- aminothiazole and 2-dihydropyridinone derivative of benzimidazole	Journal of Molecular Structure	April	2022	Scopus	0022-2860

5	Chemistry	Senthilkumar Chandrasekaran, Shanmugam Anusuya, Venkattappan Anbazhagan	Anticancer, anti-diabetic, antimicrobial activity of zinc oxide nanoparticles: A comparative analysis	Journal of Molecular Structure	April	2022	Scopus	0022-2860
6	Chemistry	Ramalingam Kothai, · Balasubramanian Arul, · Venkattappan Anbazhagan	Anti-Dengue Activity of ZnO Nanoparticles of Crude Fucoidan from Brown Seaweed <i>S.marginatum</i>	Applied Biochemistry and Biotechnology	May	2022	Scopus	2732289
7	Physics	V. Manivannan, · N. Bhadusha, · T. Gunasekaran, · R. Rajapriya, · R. Uthrakumar, · M. Jeyakanthan	Growth and studies of Ba ²⁺ -doped ADP single crystal for optical and dielectric applications	Applied Physics A: Materials Science and Processing	May	2022	Scopus	SSN: 0947-8396 (print); 1432-0630 (web)
8	Chemistry	Kongrui Zhu, Suriyanarayanan Sarvajayakesavalu , Yingnan Han, Haifeng Zhang, Junmin Gao, Xinyan Li, Mei Ma	Occurrence, distribution and risk assessment of organophosphate esters (OPEs) in water sources from Northeast to Southeast China	Environmental Pollution	May	2022	Scopus	0269-7491

9	Chemistry	Durai Govindarajan, Nithyadharseni Palaniyandy, Karthik Kumar Chinnakutti , Mai Thanh Nguyen, Tetsu Yonezawa, Jiaqian Qin and Soorathep Kheawhom	Sputter-Deposited Binder-Free Nanopyramidal Cr/ γ -Mo ₂ N TFEs for High-Performance Supercapacitors	Nanoscale Research Letters	July	2022	Scopus	1556-276X
10	Chemistry	Tian Xie, Meie Wang, Yuan Zhang, Changfeng Liu, Fei Lu, Shoukang Ding, Weiping Chen, Suriyanarayanan Sarvajayakesavalu	Ambient background estimation of PAHs in urban soils: A case study in Macau, China	Ecological Modelling	August	2022	Scopus	0304-3800
11	Commerce	S. Maniraj, C. Kamalesh Kanna	A Study on Consumer Behaviour and Purchase decision with special reference to selected consumers of durable products in Salem district	Journal of Asiatic Society of Mumbai	August	2022	UGC Care	0972-0766
12	Chemistry	Balasubramanian Arul, Ramalingam Kothai Venkattappan Anbazhagan	Antiproliferative Activity of Green Synthesised Silver Nanoparticles of Cassia Marginata Roxb	Applied Biochemistry and Biotechnology	September	2022	Scopus	0273-2289

13	Chemistry	Karthik kumar Chinnakutti, Lokanath Patra, Vengatesh Panneerselvam, Durai Govindarajan, Soorathep Kheawhom, Jayaraman Theerthagiri, Yiseul Yu, Shyju Thankaraj Salammal, Myong Yong Choi,	Lithium inserted ZnSnN ₂ thin films for solar absorber: n to p-type conversion	Materials Today Chemistry	September	2022	Scopus	2468-5194
14	Chemistry	G.Kanagasabapathy, S.Britto, V.Anbazhagan	Synthesis, characterization and molecular docking studies of highly functionalized and biologically active derivatives of 2-aminothiazole	Journal of Molecular Structure	November	2022	Scopus	0022-2860
15	Computer Science	Dr.U.Nilabar Nisha, Dr.R.Reka, M.Suguna, R. Kanimozhi	Affording Conservation to Users' Particulars and Subside Power Capability of Sensor Nodes by Utilizing Cryptography and Clustering Algorithms	NeuroQuantology	November	2022	Scopus	1303-5150
16	Physics	M. Kalpana, R. Nagalakshmi, M. Jeyakanthan	Development of Hydroxyapatite Coating on Titanium Alloy for Orthopedic Applications	ECS Journal of Solid State Science and Technology	November	2022	Scopus	2162-8769 (print) 2162-8777 (web)
17	Chemistry	Anusuya Shanmugam, Anbazhagan Venkattappan, and M. Michael Gromiha	Structure Based Drug Designing Approaches in SARS-CoV-2 Spike Inhibitor Design	Current Topics in Medicinal Chemistry	November	2022	Scopus	1568-0266

18	Computer Science	J. Abinesh, M. Prakash	Adversary Distributed Time Series Routing Protocol for Improving the Performance of Linkage Data Collection in WSN	IEEE Xplore	November	2022	Scopus	2473-2001
19	Computer Science	M. Suguna, S. Sathiyabama	Shift invariant deep convolution neural learning for resource efficient healthcare data transmission in WSN	Measurement: Sensors	December	2022	Scopus	E-ISSN:2665-9174