

**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 - 2021**

S.No.	Department	Name of the Publication(s)	Name of the Author (s)	Name of the Publisher	ISSN Number	Month & Year	Vol.No & Page No	Indexed in		
								Scopus	WoS	Pubmed
1	Chemistry	Highly crystalline methylammonium lead iodide films: Phase transition from tetragonal to cubic structure by thermal annealing	T. S. Shyju P. Vengatesh <b>C. Karthik Kumar</b> M. Paulraj P. Kuppusami	Journal of Vacuum Science and Technology	0734-2101	Feb-21	Volume 39, Issue 2 Article No. 022801	Yes	No	No
2	Chemistry	Impact of Cu Addition on the Optoelectronic Properties of Zn <sub>3</sub> N <sub>2</sub> Thin Films: n to p-type Transitions	<b>Karthik Kumar Chinnakutti</b> , Vengatesh Pannerselvam, Shyju Thangaraj Salammal	Materials Science & Engineering B	0921-5107	Mar-21	Volume 265, Article No: 115039	Yes	Yes	No
3	Chemistry	A study on the interaction of nile blue with Uracils: A spectroscopic and computational approach	Sambathkumar S, Manivannan C, Baskaran S, Kumar R.R, <b>Anbazhagan V</b>	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	1386-1425	Feb-21	Volume 246, Article number 119011	Yes	Yes	No
4	Computer Science	Resource Aware Gaussian Regressive Jarvis Patrick Clustering for Reliable Data Transmission in E-Health using WSN-IoT	<b>M. Suguna</b> , Dr. S. Sathiyabama, Dr. R. Reka, Dr. K. V. Umashankar	Turkish Journal of Computer and Mathematics Education	2883-2899	Apr-21	Vol.12 No.6	Yes	No	No
5	Chemistry	Photoinduced Electron Transfer Reactions of Water Soluble Porphyrins in Zeolite Environment	Kandavelu Velappan, Renganathan Rajalingam, <b>Anbazhagan Venkattappan</b>	Journal of Fluorescence	1573-4994 (Electronic) 1053-0509 (Print)	May-21	In Press	Yes	No	No

6	Chemistry	Chemical Resistance, swelling behaviour and biodegradability of Woven Palm-Cotton Fiber reinforced in used Poly Styrene matrix Biocomposite	G. Sujaya, <b>V. Anbazhagan</b>	International conference on Inventive Material Science and Applications (ICIMA 2021) - Springer series in Advances in Sustainability Science and Technology		May-21	Accepted	Yes	No	No
7	Chemistry	Assessment of heavy metal concentration and their effects in mining waste disposal area of Shervaroyan Hills, Tamil Nadu, India	K. Ramesh Kumar and <b>V. Anbazhagan</b>	Indian Journal of Environmental Protection	0253 – 7141	Jun-21	In Press	Yes	No	No
8	Physics	Enhanced DC conductivity and Seebeck coefficient of CoWO <sub>4</sub> /PbWO <sub>4</sub> nanocomposites: Role of interface	<b>M. Jeyakanthan</b> , Uma Subramanian	Applied Physics A: Materials Science and Processing	ISSN:0947-8396- ISSN:1432-0630	Jun-21	Volume No. 120	Yes	No	No