

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 - 2025**

S.No.	Department	Author Name (Faculty Name of VMRF (DU))	Paper Title	Journal-name	Month	Year	Indexed in (Scopus/ Web of science /Pubmed/UGC care)	ISSN number
1	Commerce	C. Kamalesh Kanna	Integrated IoT and Random Forest Algorithm Solutions for Agricultural Waste Management and Biomass Valorization	IEEE-Xplore	January	2025	Scopus	ISBN:979-8-3503-7651-7
2	English	S. Priyadarshini	Enhancing Postal Convenience and Security IoTEnabled Smart Postboxes and Delivery Lockers using Cloud Computing	IEEE-Xplore	January	2025	Y	ISSN: 2767-1097
3	Computer Science	M Prakash	Big Data Analytics on Irritating Anxiety of Long COVID	IEEE-Xplore	January	2025	Y	ISBN: 979-8-3503-6790-4

4	Computer Science	M.Prakash	Evaluating Energy Consumption for Routing Selection using the Multi-Routing Clustering Protocol using Timeslot Transmission in Dynamic Path Selection in Wireless Sensor Networks	Procedia Computer Science	February	2025	Y	1877-0509
5	Chemistry	Senthilkumar Nangan	AHP-TOPSIS-based analysis for the wettability of agro-industrial waste particulates Bhimal fiber-reinforced epoxy bio-composites in different oil water environments	Green Chemistry Letters and Reviews	February	2025	Y	ISSN:1751-8253E- ISSN:1751-7192
6	Chemistry	V Anbazhagan	Unlocking the potential of photocatalysts: Recent advances in layered double hydroxide and future outlook	Journal of Environmental Sciences	March	2025	Y	ISSN:1001-0742E- ISSN:1878-7320
7	Chemistry	R. Ganesamoorthy	Synthesis, characterization, DFT, HOMO-LUMO, MEP analysis, and in-silico docking studies of piperidine derivatives	Journal of the Indian Chemical Society	March	2025	Y	0019-4522

8	Chemistry	R. Ganesamoorthy	One-pot synthesis and characterization of spirooxindole-3,4'-pyran derivatives via FeCl ₃ -Catalyzed multicomponent reaction: A facile approach with high yields and eco-friendly methodology	Journal of the Indian Chemical Society	March	2025	Y	0019-4522
9	Chemistry	R. Ganesamoorthy	Sustainable Approach of Real Municipal Wastewater Treatment using Lactobacillus plantarum Strain, Aluminum Chloride and Moringa oleifera Seed	BIOLOGICAL METHODS OF WATER TREATMENT	March	2025	Y	1063-455X
10	Mathemaics	N Kasthuri	Optimizing Sewage Systems for Real-Time Flow Analysis and Predictive Maintenance with IoT and LSTM	IEEE-Xplore	April	2025	Y	979-8-3503-7495-7
11	Chemistry	Senthilkumar Nangan	Bioactive Hydrogels (Bio-HyGs): Emerging Trends in Drug Delivery and Wound Healing Applications	Polymers for Advanced Technologies	March	2025	Y	ISSN:1042-7147E- ISSN:1099-1581
12	Computer Science	N. Meenatchi Ammai	Emotion Recognition in Speech: Exploiting ResNet50 and Attention Mechanism	IEEE-Xplore	March	2024	Y	ISBN 979-833153495-0

13	Chemistry	R. Ganesamoorthy	Spherical -shaped ZnO nanoparticles and their diverse surface morphological applications in various biological applications against ROS	Applied Physics A	April	2025	Y	0947-8396
14	Chemistry	R. Ganesamoorthy	Green synthesis of metal oxide nanoparticles using plant extracts: A sustainable approach to combat antimicrobial resistance	Environmental Nanotechnology, Monitoring & Management	April	2025	Y	2215-1532
15	Computer Science	M. Gowthami	Deep Learning for Facial Emotion Recognition: Insights from EmoNet	IEEE-Xplore	April	2025	Y	ISBN: 979-8-3315-1189-0
16	Chemistry	R. Ganesamoorthy	Recent developments on Ursolic Acid and its Potential Biological Applications	Toxicology Reports	June	2025	Y	2214-7500
17	Chemistry	R. Ganesamoorthy	Role of TiO2 nanomaterial in the treatment of polluted Cauvery river water in Tiruchirappalli district, Tamil nadu, India	Desalination and Water Treatment	May	2025	Y	ISSN:1944-3994E- ISSN:1944-3986
18	Computer Science	M. Suguna	Enhanced Rheumatoid Arthritis Treatment Optimization through Deep Learning	IEEE-Xplore	May	2025	Y	979-8-3315-1958-2

19	Computer Science	M. Gowthami	Deep Learning for Facial Emotion Recognition: Insights from EmoNet	IEEE-Xplore	May	2025	Y	979-8-3315-1189-0
20	Chemistry	E. Shinyjoy	Eco-Friendly Hydroxyapatite/Cissus quadrangularis composite coating on AISI 316L stainless Steel: A novel Approach for enhanced biomedical applications	Journal of Industrial and Engineering Chemistry	May	2025	Y	ISSN: 1226-086X
21	Chemistry	R. Ganesamoorthy	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	Desalination and Water Treatment	May	2025	Y	1944-3986
22	Chemistry	R. Ganesamoorthy	Studies On Cardiac Biomarkers And Coagulation Parameters In Normal And Obese Patients To Assess Coronary Heart Disease	International Journal of Environmental Sciences	June	2025	Y	2229-7359

23	Chemistry	N. Senthilkumar	Nitrogen-doped carbon dots from Brahmi (Bacopa monnieri): Metal-free probe for efficient detection of metal pollutants and methylene blue dye degradation	Green Processing and Synthesis	July	2025	Y	2191-9550
24	Computer Science	M. Gowthami	Tele-ICU Command Centers Performance through Cloud Computing and ML	IEEE-Xplore	July	2025	Y	979-8-3315-3536-0
25	Chemistry	R. Ganesamoorthy	An investigation into male infertility caused by hormonal imbalance and hypertension brought on by SARS CoV-2	Middle East Fertility Society	June	2024	Y	2214-7500
26	Chemistry	R. Ganesamoorthy	Advancements in biogenic nanoparticles synthesis, characterization and its mechanism in disease management	Bioresource Technology Reports,	June	2025	Y	2589-014X

27	Chemistry	R. Ganesamoorthy	Surface characterization and bio-functionalization of irreversible hydrocolloid impression material enhanced with silver vanadate nanoparticles: An in vitro study	Next Nanotechnology	June	2025	Y	2949-8295
28	Chemistry	Yogapriya Selvaraj	Development of Boron-Doped Nickel Zinc Oxide Electrodes for Efficient Energy Storage in Asymmetric Supercapacitors	Industrial & Engineering Chemistry Research	August	2025	Y	ISSN:0888-5885E- ISSN:1520-5045
29	Chemistry	E. Shinyjoy	Interface-Driven Enhanced Dielectric Constant of Dy2O3/CoWO4 Nanocomposites Prepared by Coprecipitation Method	Applied Physics A (Special Issue)	July	2025	Y	0947-8396
30	Chemistry	E. Shinyjoy & V. Anbazhagan	Structural, optical and magnetic properties of Co doped PbWO4 and CaWO4 nanomaterials	Journal of the Australian Ceramic Society	August	2025	Y	ISSN:2510-1560 E-ISSN:2510-1579