



# KONGUNADUCOLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

NAMAKKAL-TRICHY MAIN ROAD, THOTTIAM, TRICHY

DEPARTMENT OF SCIENCE AND HUMANITIES

## FACULTY PUBLICATIONS-International / National Journals

S. No.	DETAILS
<b>ACADEMIC YEAR 2022-2023</b>	
1	K Ravichandran, N Siva Jyothi, R.Rathi, N Dhnieshbabu, R Shalini, <b>A Viji</b> and K 'Intermediate Electron Trap levels Generation and Enhanced Carrier Concentration in ZnO by Strontium and Molybdenum Co-doping: an effective approach for dye degradation' J Mater Sci: Mater Electron, DOI: 10.1007/s10854-022-09404-1 January 2023, SCI.
2	<b>Ponniah Anusha</b> , Chinnasway Ragavendran, Chinnaperumal Kamaraj, Kanagaraj Sangeetha, Annadurai Sakthi Thesai, Devarajan Natarajan and Guilherme Malafaia 'Eco-friendly bioremediation of pollutants from contaminated sewage wastewater using special reference bacterial strain of Bacillus cereus SDN1 and their genotoxicological assessment in Allium cepa' Elsevier, DOI:10.1016/j.scitotenv.2022.160935 December 2022, SCI.
3	A Viji, R Vijaykumar, V Balachandran, K Vanasundari and <b>M Janaki</b> 'Molecular docking and computational studies investigation on a bioactive anti-cancer drug: Thiazole derivatives' Indian Journal of Chemical Technology, DOI: 10.56042/ijct.v29i6.67406 November 2022, SCI.
4	M Premkumar, J Juliet Jayapackiam, Priya Shirley Muller, S Maheswari, Rachanna Kanabur, and <b>M Kalaiselvi</b> 'Doubt Q-Fuzzy T-Ideals under the Normalization of T-Algebra' Springer, DOI: 10.1007/s10649-022-ESM.2022, SCI.
5	J Richards Joshua, V Sharmila, <b>A Viji</b> , Mir Waqas Alam, Amal Baqais, Shanavas Shajahan, Mohammad Abu Haija, and Roberto Acevedo 'Electrochemical Performance of Spongy Snowballs of O <sub>3</sub> - NaFeO <sub>2</sub> @ SnO <sub>2</sub> Cathodes for Sodium Ion Batteries' Hindawi International Journal of Energy Research, DOI: 10.1155/2023/6616567.2023, SCI.
6	G Velmurugan, R Gnapathi Raman, <b>D Prakash</b> , Ikhyum Kim, Jhelai Sahadevan and P Sivaprakash 'Influence of Ni and Sn Perovskite Nis(OH) <sub>6</sub> Nanoparticles on Energy Storage Applications' Nanomaterials MDPI, DOI: 10.3390/nano 13091523.2023, SCI.
7	S Manivannan, R Venkatesh, M Kubendiran, C Ramesh Kannan, <b>N Karthikeyan</b> and S Naveen 'Conservation of Waste Melon Shell and fly ash utilized as reinforcements for aluminium alloy matrix in terrestrial ecosystem acquired green hybrid composites' Wiley Periodicals, DOI: 10.1002/tqem.21990.2023, SCI.
8	Rathinevelu Venkatesh, Subramanian Manivannan, <b>Natarajan Karthikeyan</b> , Murugan Kubendran, Chidambaram Ramesh Kannan and Subbaiyan Naveen 'Performance evaluation and conservation of waste solid plastics into alternative fuel for a pollution free-environment' Wiley Periodicals, DOI:10.1002/tqem.21991.2022, SCI.
9	K Kannan, S Agilan, P Peulakumari and <b>G Saveetha</b> 'Exploration of third order nonlinear optical features of CuO/PVA-PEG polymer nanocomposites' Digest Journal of Nanomaterials and Biostructures Vol.18, No.1, Jan-Mar 2023, p.367-375, SCIE.
10	G Veeramalai, V Hemalatha, M Angayarkanni and <b>B Raguraman</b> 'Learning Can use Mathematical Concepts Effectively in the Future for Structural Transformation, International Journal of Early Childhood Special Education (INT-JECS), ISSN: 1308-5581 Vol 14, Issue 04 2022, p.1934-1936.
11	K Saravanan, Chilkhe Ganesh Nagorao, Dhivya Muraleedharan, <b>B Raguraman</b> , A Kabilath Begum and Maya P R 'Comprehensive Research on the Importance of English Language in the Health Care Services, Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery, ISSN:1001-1781 Vol.: 27 Issue:1, 2023, p.3575-3584, Scopus.