

Dr.Mahalingam College of Engineering & Technology, Pollachi 642 003
(An Autonomous Institution)

Details of faculty publications by Department of Science and Humanities

Papers Published in Journals:Academic Year (2020-2021)

S.No.	Name of the Authors	Title of the Paper	Name of the Journal	Volume No,Issue No & Page(s) No.	Year of Publication
1	Dr.S. Parveen, Mr.Thathan Premkumar,* Mr.Hung-Huy Nguyen, Mr.Subbiah Govindarajan, Dr.Manikandan, Mr.Suresh Kumar Mr.Anandasadagopane, Mr.Elayappan Vijayakumar	Isostructural metal hydrazones of 2-(methoxycarbonylhydrazono)-pentanedioic acid, H ₂ L: Synthesis, cytotoxic activity of nano spinel ZnCo ₂ O ₄ derived from single source precursor, [Zn _{1/3} Co _{2/3} (HL) ₂ ·3H ₂ O	Inorganica Chimica Acta	516, 120142, 0020-1693	Feb 2021
2	Ms.B.Suganya, Dr.S.Maruthamuthu, Mr.J.Chandrasekaran *, Dr.B.Saravanakumar, Mr.E. Vijayakumar, Mr.R.Marnadu, Mr.Abdullah Mr.M.Al-Enizi, Mr.MohdUbaidullah	Design of zinc vanadate (Zn ₃ V ₂ O ₈)/nitrogen doped multiwall carbon nanotubes (N-MWCNT) towards supercapacitor electrode applications	Journal of Electroanalytical Chemistry	881, 114936: ISSN : 1572-6657	Jan 2021
3	Mr.P. Stephen Selvamani, Mr.J. Judith Vijaya Mr.L. John Kennedy, Dr.B. Saravanakumar, Mr.M. Bououdina,	High-performance supercapacitor based on Cu ₂ O/MoS ₂ /rGO Nanocomposite	Materials Letters	275, 128095-128100: ISSN: 0167-577X	Sep 2020
4	Dr.S Parveen, Mr.Hung Huy Mr.Nguyen, Mr.T. Premkumar, Mr.Horst Puschmann Mr.S. Govindarajan	Nano Spinel Cobaltites and Their Catalytic and Electrochemical Properties: Facile Synthesis of Metal (Co, Ni, and Zn) and Mixed Metal (Co-Ni and Co-Zn) Complexes of Schiff Bases Prepared from α-Ketoglutaric Acid and Ethyl Carbazate	New Journal of Chemistry	2020, 44 , 12729-12740	July 2020

5	Dr.B Saravanakumar, Mr.N Karthikeyan, Dr.P.A.Periasamy, Mr.Allen J Britten, Mr.Martin Mkandawire	Polyethylene glycol mediated synthesis of iron vanadate (FeVO ₄) nanoparticles with supercapacitive features	Material Research Express	7, 064010-064020 : ISSN :2053-1591	June 2020
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