

**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 (2021-2022)**

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	Mr.P. Stephen Selvamani, Mr.J. Judith Vijaya *, Mr. L. John Kennedy, <b>Dr.B. Saravanakumar</b> , Mr.M. Bououdina	Facile microwave synthesis of cerium oxide@molybdenum di-sulphide@reduced graphene oxide ternary composites as high performance supercapacitor electrode	Journal of Electroanalytical Chemistry	895,15401. ISSN: 1572-6657	Aug 2021
2	Mr.P. Stephen Selvamani, Mr.J. Judith Vijaya, Mr.L. John Kennedy, <b>Dr.B. Saravanakumar</b> , Mr.M. Bououdina,	Design of Copper (II) oxide nanoflakes decorated with Molybdenum disulfide@reduced graphene oxide composite as an electrode for high performance supercapacitor	Synthetic Metals	278, 116843-116849. ISSN : 0379-6779	Aug 2021
3	<b>Dr.S. Parveen</b> , Mr.Thathan Premkumar , Mr.Hung-Huy Nguyen , Mr.Subbiah Govindarajan	A facile one-pot synthesis of a new 3,7-diethyl-1 H - [1,2,4]triazino [4,3- b ] [1,2,4]triazine-4,8-dione: Structural, thermal, and photoluminescent properties,	Journal of Molecular Structure	1260, 132823 & 0022-2860	July 2022
4	Mr.Stephen Selvamani, Mr.J. Judith Vijaya *, Mr.L. John Kennedy, <b>Dr.B. Saravanakumar</b> , Mr.M. Bououdina,	Microwave synthesized a-Fe2O3/MoS2/rGO composites as high performance supercapacitor	Materials Letters	293, 129721	June 2021
5	Ms.B. Suganya, Dr.S. Maruthamuthu, Mr.J. Chandrasekaran *, <b>Dr.B. Saravanakumar</b> , Mr.E. Vijayakumar, Mr.R. Marnadu, Mr.H. Elhosiny Ali, Mr.Tien Dai Nguyen,	Nitrogen doped 2D graphene/Zn3V2O8 nanocomposite with enhanced supercapacitive features,	Surfaces and Interfaces	24, 101124. ISBN	June 2021

6	<b>Ms.K. Kalaiselvi</b> , AP, Mr.N. Mohanapriya,AP, Mr.J. Vernold Vivin	On r-dynamic coloring of comb graphs	Notes on Number Theory and Discrete Mathematics	Vol. 27, 2021, No. 2, 191–200 and Online ISSN 2367–8275	June 2021
7	<b>Dr.R. Ramesh</b> Mr.Ahmad Al-Omari	b-H $\sigma$ -Open Sets In Hgts	Poincare Journal of Analysis & Applications	Vol. 9, No. 1 (2022), 31-40	May 2022
8	Mr.B. Carmel Jeeva Mary, Mr.J. Judith Vijaya *, Ms.Radhika Mr.R. Nair,A. Mustafa, Mr.P. Stephen Selvamani, <b>Dr.B. Saravanakumar</b> , Mr.M. Bououdina,	Reduced Graphene Oxide-Tailored CuFe <sub>2</sub> O <sub>4</sub> Nanoparticles as an Electrode Material for High-Performance Supercapacitors	Journal of Nanomaterials	Article ID 9861440. ISSN : 1687- 4110	April 2022
9	<b>Ms.K. Kalaiselvi</b> , Mr.N. Mohanapriya, Mr.V Aparna Scholar,	On r-dynamic coloring of central vertex join of path, cycle with certain graphs	IOP Publishing	2157 (2022) 012007	January 2022