

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 (2022-2023)

SEP 2022- OCT 2022

S.No.	Name of the Authors	Title of the Paper	Name of the Journal	Volume No. ,Issue No.and Page(s) No.	Year of Publication
1	Dr. P S Devi Prasadh, Dr. B. Saravanakumar	Determination of growth exponent for percolating clusters of various lattices	Journal of Physics: Conference Series	2349 (2022) 012011	Oct 2022
2	Mr.B.Shalini Reghunath, Ms.Sruthi Rajasekaran, Ms.Sunaja Devi K R *, Dr.B.Saravanakumar Dr.J. JohnsonWilliam, Mr.DephanPinheiro, Mr.Durai Govindarajan, Mr.Soorathep Kheawhom.	Fabrication of bismuth ferrite/graphitic carbon nitride/N-doped graphene quantum dots composite for high performance supercapacitors	Journal of Physics and Chemistry of Solids	171, 10985-110993 & ISBN 0022-3697	September 2022
3	Dr.J. Johnson William, Dr.Saravanakumar Dr.Mariyappan Mr.Muralidharan Gopalan, Mr.Allen J. Britten Martin Mkandawire *	Mesoporous β -Ag ₂ MoO ₄ Nanopotatoes as Supercapacitor Electrodes	Materials Advances	Advance Article, ISSN 2633-5409	September 2022

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23 JAN 2023- 1 MAR 2023

S. No	Name of the Authors	Title of the Paper	Name of the Journal	Volume No. , Issue No. and Page(s) No.	Year of Publication
1	Ms.Sruthi Rajasekaran Ms.B.Shalini Mr.Reghunath Ms.K.R.Sunaja Devi Dr.B. Saravanakumar Dr.J. Johnson William Mr.Dephan Pinheiro	Facile synthesis of Mn-Ni bimetal organic framework decorated with amine as an electrode for a high-performance supercapacitor https://link.springer.com/article/10.1007/s10008-023-05382-4	Journal of Solid State Electrochemistry - (Q2) SCIE, Scopus - https://doi.org/10.1007/s10008-023-05382-4	On Line ISSN 1433-0768 Print ISSN 1432-8488	23-01-2023
2	Ms.Sruthi Rajasekaran, Ms.B.Shalini Mr.Reghunath Ms.K.R.Sunaja Devi Dr.B. Saravanakumar Dr.J. Johnson William Mr.Dephan Pinheiro	Bi Functional Manganese-Pyridine 2,6 Dicarboxylic Acid Metal Organic Frameworks with Reduced Graphene Oxide as an Electroactive Material for Energy Storage and Water Splitting Applications https://iopscience.iop.org/article/10.1149/1945-7111/acbfe3	Journal of The Electrochemical Society (Q1), Scopus DOI: 10.1149/1945-7111/acbfe3	Online ISSN: 1945-7111 Print ISSN: 0013-4651	23-02-2023
3	Dr.P. A. Periyasamy Ms.G.Gohulavani Mr.G. Vadivelan Mr.M. Sekar	Sorption studies of sago waste activated carbon on acid violet 7 dye https://gjstx-e.cn/?page_id=1375	High Technology Letters Scopus https://doi.org/10.37896/HTL29.02/8171	Volume 29, Issue 2, 2023,p 221-233 ISSN NO : 1006-6748	01-02-2023

4	Ms.K.Banupriya Dr.S.Parveen Ms. R.Rathinam Ms.R.Umarani	New Tetrapropylammonium tetrabromozincate complex [(c3h7)4n]2znbr4(ii) - synthesis, spectral, thermal Characterization and antioxidant activity https://www.ajol.info/index.php/bcse/article/view/242900	Bull. Chem. Soc. Ethiop. SCIE https://dx.doi.org/10.4314/bcse.v37i3.7	37, 3, 623-631. ISSN 1011- 3924	01-03-2023
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