ATME College of Engineering

Department of Mechanical Engineering

Department of Mechanical Engineering - 2024

Sl. No.	Authors Name (As in the journal)	Title of the Paper	Journal Name	Volume No / Issue No/ Pg. No	Date of Publication	DOI	ISSN/ISBN	Indexing	Link to the journal	Link to the Article/ Abstract
1	Manjunath Shetty, Karnan Manickavasakam Chethan Sabbanahalli Chandrakantha Bekal Izan Izwan Misnon Ashwath Subrahmanya P Kunal Roy Prasanna D. Shivaramu Satish Shenoy. B Dinesh Rangappa	Rapid single pot synthesis of hierarchical Bi2WO6 microspheres/RGO nanocomposite and its application in energy storage: A supercritical water approach	Journal of Energy Storage	Volume 72		https://doi.org/10.1016/j.est.2023.108116	2352-1538	SCI - SCOPUS	https://www.sciencedirect.com/science/article/pii/S2352152X2301513X	https://www.sciencedirect.com/science/article/pii/S2352152X2301513X
2	S. Chetana, Vikas N. Thakur, Niraj Kumar, Naveen Chandra Joshi, Sanjay Upadhyay, Kunal Roy, K. G. Basava Kumar, Dinesh Rangappa	Electrochemical investigation of silk G/MoS2/PDOT: PSS synthesized using supercritical fluid approach	Journal of Materials Science: Materials in Electronics	Volume 34		https://doi.org/10.1007/s10854-023-11267-z	0957-4522.	SCI - SCOPUS	Electrochemical investigation of silk G/MoS2/PDOT: PSS synthesized	Electrochemical investigation of silk G/MoS2/PDOT: PSS

3	M. Praveen Kumar, Sarika Raga, S. Chetana, K. Avinash, Arjun Dey & Dinesh Rangappa	Evaluation of Strong Microwave Absorption Property of PVB-PEDOT:PSS-Ti3C2Tx MXene Nanocomposite With Materials Data-Driven Discovery	Transactions on Electrical and Electronic Materials	Volume 24		DOIhttps://doi.org/10.1007/s42341-023-00439-7	2092-7592	**SCI - SCOPUS**	https://link.springer.com/article/10.1007/s42341-023-00439-7#citeas	https://link.springer.com/article/10.1007/s42341-023-00439-
4	S. Chethan B. R. Hemanth Hemaraju M. Jayashree Santhosh Kumar	Experimental Analysis on the Impact Behaviour of Graphite-Filled Glass Fibre Reinforced Epoxy Composites Subjected to Sea Water Ageing and Notch Depth	Journal of The Institution of Engineers (India): Series D			https://doi.org/10.1007/s40033-023-00529-z	2250-2130 2250-2122	**SCOPUS**	https://www.springer.com/journal/40033	Experimental Analysis on the Impact Behaviour of
5	AN Mohan Das, MR Haseebuddin, N Shreyas, HK Shivanand, S Chethan	Effect of Split and Re-Entrant Type Piston Bowl Geometry and Preheated Calophyllum Inophyllum Methyl Ester on the Conventional CI Engine Performance	Journal of The Institution of Engineers (India): Series D			https://doi.org/10.1007/s40033-023-00571-x	2250-2130 2250-2122	**SCOPUS**	https://www.springer.com/journal/40033	https://link.springer.com/article/10.1007/s40033-023-00571-x
6	Chetana S. Muhammad Amirul Aizat Mohd Abdah, Vikas N Thakur, Priyvart Choudhary, M.S Govindegowda, Jagadeesh Babu Sriramoju, Dinesh	Progress and Prospects of MXene-Based Hybrid Composites for Next-Generation Energy Technology	The Electrochemical Society	Volume 64		DOI 10.1149/1945-7111/ad0c64	1945-7111	**SCI - SCOPUS**	https://iopscience.iop.org/article/10.1149/1945-7111/ad0c64/meta	https://iopscience.iop.org/article/10.1149/1945-7111/ad0c64/meta
7	Niraj Kumar M. N. M. Ansari, Sanjay Upadhyay, Vikash Gajraj, Chetana S., Naveen Chandra Joshi, Sirajuddin Sikiru, Arijit Sen.	Blending of a 3D cloud-like morphology with a 1D structure in a VO2/MXene nanocomposite to enhance the charge storage capability	Journal of Materials Chemistry C	Volume 30		DOI.org/10.1039/D3TC02738D	2050-7534	**SCI - SCOPUS**	https://pubs.rsc.org/en/content/articlelanding/2023/tc/	https://pubs.rsc.org/en/content/articlelanding/2023/tc/d3tc02738d/un
8	Chethan G R, Govinde Gowda M S, Lavakumar K S, Ananda G K	An Experimental Examination into the Efficiency of a Shell-and-Tube Heat Exchanger for an EGR Cooler	Tuijin Jishu/Journal of Propulsion Technology	Vol. 44 No. 5		https://doi.org/10.52	1001-4055		https://propulsiontechjournal.com/index.php/journal/index	https://propulsiontechjournal.com/index.php/journal/article/view/2514/1713

9	Lavakumar K S, Govinde Gowda M S, Chethan G R, Ananda G K	Optimization Design and Simulation Approach of an Axial Inward Flow Reaction Turbine Incorporating with Organic Rankine Cycle	Tuijin Jishu/Journal of Propulsion Technology	Vol. 44 No. 5		https://doi.org/10.52	1001-4055		https://propulsiontechjournal.com/index.php/journal/index	https://propulsiontechjournal.com/index.php/journal/article/view/2515/1714
10	Vikas N. Thakur, S. Chetana, V. Gajraj, Niraj Kumar, Naveen C. Joshi, K. G. Basavakumar	Chemical vapour deposition synthesized novel LaFe2O3/Al2O3/Fe/CNT heterostructure for enhanced super-capacitive performance	Journal of Materials Science: Materials in Electronics	Volume 34		https://doi.org/10.1007/s10854-023-11723-w	0957-4522.	SCI - SCOPUS	https://link.springer.com/article/10.1007/s10854-023-11723-w	https://link.springer.com/article/10.1007/s10854-023-11723-w
11	S. CHETANA, , HALLIGUDRA GUDDAPPA, , SANJAY UPADHYAY, , NAVEEN CHANDRA JOSHI, , NIRAJ KUMAR, , PRIYVART CHOUDHARY, [illegible]	Photocatalytic and Oxygen Evolution Reaction (OER) of Novel Supercritical Fluid Synthesized Nanobiocomposite MoS2/Silk G	Asian Journal of Chemistry	Volume 36	31-Jan-24	https://doi.org/10.14233/ajchem.2024.30910	0970-7077	SCI - SCOPUS	https://asianpubs.org/index.php/ajchem/article/view/36_2_20	file:///C:/Users/CHETANA/Downloads/020-30910+(425-
12	Chetana S, shravan v, Navya Rani, Ashutosh Verma, Puneetha G.K and Dinesh rangappa	Enhancing Red Brick Performance: A Study on Aluminum Oxide/Graphite Composite Material Effects	ECS Journal of Solid State Science and Technology	Volume 36	28-Feb-24	DOI 10.1149/2162-8777/ad2e19	2162-8777	SCI - SCOPUS	https://iopscience.iop.org/article/10.1149/2162-8777/ad2e19/pdf	https://iopscience.iop.org/article/10.1149/2162-8777/ad2e19/pdf
13	Niraj Kumar, Sanjay Upadhyay, Muthukkumaran Karthikeyan, Arijit Sen, S. Chetana, Naveen Chandra Joshi, Neeraj Priyadarshi, Ismail Hossain, M.N.M. Ansari	Facile one-step solid-state synthesis of CuO nanoparticles finely decorated over carbon sheets for improved OER activity	Journal of Alloys and Compounds	Volume 983	20-Feb-24	https://doi.org/10.1016/j.jallcom.2024.173842		SCI - SCOPUS	https://www.sciencedirect.com/science/article/abs/pii/S0925838824	https://www.sciencedirect.com/science/article/abs/pii/S0925838824
14	S. Chetana, Halligudra Guddappa, Vikas N. Thakur, Niraj Kumar, Naveen Chandra Joshi, Vinuth Mirle & Manjunath Shetty	Electrochemical investigation of Fe3O4/TNT/PANI composites for enhanced supercapacitor applications	Journal of Materials Science: Materials in Electronics	Volume 35	18-Mar-24	https://doi.org/10.1007/s10854-024-12369-y	0957-4522.	SCI - SCOPUS	https://link.springer.com/article/10.1007/s10854-024-12369-	https://link.springer.com/content/pdf/10.1007/s10854-024-12369-

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16	G. S. Girishkumar, M. R. Kamesh, V. R. Srinivasan, Syed Mustafakhadri, D. Aravinda, S. R. Ravi Kumar, C. Somashekhar and B. R. Hemanth	Solar Driven Organic Rankine Cycle System and Hydrogen Fuel Production with Waste Heat Recovery	Journal of Mines, Metals and Fuels	Vol 72 Issue 03 Page No: 189-198	01-Mar-24	10.18311/jmmf/2024/43457	0022-2755	**SCOPUS**	www.informaticsjournals.com/index.php/jmmf	https://www.informaticsjournals.com/index.php/jmmf/article/vie
17	G. S. Girishkumar, M. R. Kamesh, S. Rohith, D. Yogaraj, M. Abhilash, H. Sathish, R. Vinayakumar and C. Somashekar	Modelling and Analysis of a Single Slope Solar Still for Desalination of Water	Journal of Mines, Metals and Fuels	Vol 72 Issue 04 Page No: 313-321	01-Apr-24	10.18311/jmmf/2024/44523	0022-2755	**SCOPUS**	https://informaticsjournals.com/index.php/jmmf	https://informaticsjournals.com/index.php/jmmf/article/view/445
18	C. V. Srinivasa, Hemaraju, Ashok R. Banagar, **S. Chethan** and Udaya Devadiga	Bending Behavior of Clamped Skew Plates	Journal of Mines, Metals and Fuels	71 (12B) 217 - 226		https://doi.org/10.18311/jmmf/2023/45587	0022-2755	**SCOPUS**	Metals and Fuels (informaticsjournals.com)	maticsjournals.com/index.php/jmmf/article/view/45587
19	M. Arunadevi, S. Saravanan, G. Mahesh and **S. Chethan**	Machine Learning Based Surface Finish Prediction and Optimization of Process Parameters in Pulsed CO2 Laser Cutting of Particle (TiC) Reinforced Al6061 Composite Using KNN & ANN	Journal of The Institution of Engineers (India): Series D		Aug-24	https://doi.org/10.1007/s40033-024-00795-5	2250-2130 2250-2122	**SCOPUS**	https://www.springer.com/journal/40033	r.com/article/10.1007/s40033-024-00795-5
20	Rayyan Ahmed Tanveer, Adarsha M, Akshay S, Madhusudan R,Dr. Chethan S,Mr. Hemanth B R	Development of Multi Crop Agricultural Insecticide Sprayer	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 7, Issue 5	May-24	10.15680/IJMRSET.2024.0705150	2582-7219	oogle Scho	w.ijmrset.c	https://www.ijmrset.com/upload/150_Development.pdf

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22	Nagesha S, Preethi S, Raghu L, Mr. Hemanth B R, Mr. Rohith S, Dr. Chethan S	Automated Sensor based Fire Extinguisher Mounted on AGV	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 7, Issue 5	May-24	10.15680/IJMRSET.2024.0705144	2582-7219	oogle Scho	w.ijmrset.c	https://www.ijmrset.com/upload/144_Automated.pdf
23	HITHESH T L, SHAYAN PASHA, POOJA, DEVARAJ M R	Development and Testing of Agave Fiber Reinforced Polymer Based Composite	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 7, Issue 6, June 2024 10762-10767	Jun-24	DOI:10.15680/IJMRSET.2024.0706008	ISSN: 2582-7219	oogle Scho	www.ijmrset.com	https://www.ijmrset.com/upload/8_Development.pdf
24	Mr. Niranjan Kumar V S, Dr. Mohanakumara K C, A R Ujwal Gowda, Karthik M,Thashwin Gowda D, Balakrishna G L	Characteristics Analysis of Cooking Oil Extracted from Oil Expeller	International Journal Of Multidisciplinary Research In Science, Engineering and Technology (IJMRSET)	Volume 7, Issue 6, June 2024	Jun-24	DOI:10.15680/IJMRSET.2024.0706017	ISSN: 2582-7220	Google Sc	www.ijmrset.com	https://www.ijmrset.com/upload/17_Characteristics.pdf