



Academic Year 2022-2023 Research Publications (Journals)

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/IS SN Number	Vol/Month	Index No UGC/ Scopus	URL/DOI
1	Danaiah Puli	Effect of fuel flow analysis on a ECU controlled RCCI engine with ETBE blends	Materials Today: Proceedings	2214-7853	In Press	Scopus	https://doi.org/10.1016/j.matpr.2022.11.063
2	Danaiah Puli	Environmental investigation into performance parameters of MPFI SIE filled with IPA/TBA alcoholic blends	Nanotechnology for Environmental Engineering	2365-6379	In press	Scopus	https://doi.org/10.1007/s41204-022-00275-9
3	Danaiah Puli	Hydropower technology as a renewable energy source of power generation and its effects on environment sustainability	IEEE	1803-7232	In press	Scopus	10.1109/IIHC55949.2022.10059855
4	Dr.K.Siva Satya Mohan	The effect of Threaded Rod Inserts and Aluminium Oxide-Water Based Nanofluids on Performance of a U-Bend Double Pipe Heat Exchanger	Journal of Nanofluids	ISSN: 2169432 X	12/2023	Scopus	https://www.researchgate.net/publication/367762203_The_Effect_of_Threaded_Rod_Inserts_and_Aluminum_Oxide-Water_Based_Nanofluids_on_Performance_of_a_U-Bend_Double_Pipe_Heat_Exchanger

5	Dr.K.Siva Satya Mohan	Effect of Exhaust gas Recirculation on A CRDI Engine Powered by Diesel-Biodiesel Blends	International Journal of Enhanced Research in Science, Technology & Engineering	ISSN: 2319-7463	11/2022	UGC	https://search.proquest.com/openview/e002c7a722f66b4c93d483ca4cef94b8/1?pq-origsite=gscholar&cbl=60382
6	K. Siva Satya Mohan	Artificial Neural Network Technique for Estimating the Thermo-Physical Properties of Water-Alumina Nanofluid	Ecological Engineering & Environmental Technology	2719-7050	23/2022	UGC	10.1109/IIHC55949.2022.10059855
7	K. Siva Satya Mohan	Comparison of Heat transfer Analysis with Mass flow rate from Cylindrical jet Horizontally Impinging on Flat Plate	Journal of Emerging Technologies and Innovative Research	2349-5162	2/2023	UGC	
8	Dr. Pramod Kumar	Performance Enhancement of Tubular Solar Still with Various Rotating Wicked Materials—An Experimental Approach	Journal of Thermal Science and Engineering Applications	19485093	14/2023	SCI	https://asmedigitalcollection.asme.org/thermalscienceapplication/article-abstract/14/10/101004/1139424/Performance-Enhancement-of-Tubular-Solar-Still?redirectedFrom=fulltext
9	P V S Murali Krishna	Effect of Exhaust Gas Recirculation on A CRDI Engine Powered By Diesel-Biodiesel Blends	International Journal of Enhanced Research in Science, Technology & Engineering	2319-7463	11/2023	UGC	https://search.proquest.com/openview/e002c7a722f66b4c93d483ca4cef94b8/1?pq-origsite=gscholar&cbl=60382

10	P.V. Murali krishna	Comparison of Heat transfer Analysis with Mass flow rate from Cylindrical jet Horizontally Impinging on Flat Plate	Journal of Emerging Technologies and Innovative Research	2349-5162	2/2023	UGC	https://www.jetir.org/papers/JETIRAJ006141.pdf
11	V V M J satishChembuly	Multi-Objective Optimization Approach for Inverse Kinematics of Redundant Manipulator in Welding Applications	Materials Today	2214-7853	In.Press	Scopus	https://journal.umy.ac.id/index.php/jrc/article/view/17121
12	V V M J satishChembuly	Modelling and Simulation of a Redundant Agricultural Manipulator with Virtual Prototyping	Journal of Robotics and Control	2715-5056	4/1	Scopus	
13	Gangadhara rao P	Tribological behaviour of Al6061/Gr/WC hybrid MMCs using multi response optimisation	International Journal Mathematical modelling and numerical optimisation	20403607	1		10.1007/978-981-13-6374-0_54


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