



Aditya College of Engineering & Technology

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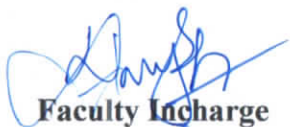
Department Mechanical Engineering

Academic Year 2021-2022 Research Publications (Journals)

S. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ ISSN Number	Vol/ Month	Index No UGC/ Scopus	URL/DOI	Citations
1.	Dr.Puli Danaiah	RENEWABLE ENERGY SYSTEMS FOR MACHINE LEARNING	International Journal of Mechanical Engineering	0974-5823	4/April	Scopus	https://kalaharijournals.com/resources/APRIL_16.pdf	0
2.	Dr.Puli Danaiah	PROSPECTS OF SECONDARY AND TERTIARY ALCOHOLS FOR MPFI SI ENGINES	International Journal of Mechanical Engineering	0974-5823	7/February	Scopus	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=FcusKRrAAAIAJ&sortby=pubdate&citation_for_view=FcusKRrAAAAJ:qxL8FJ1GzNcC	0
3.	Dr.M.Murugan	Thermal management system of lithium-ion battery packs for electric	Journal of Energy Storage	2352-152X	52/May	SCI	https://www.sciencedirect.com/science/article/abs/p	0

		vehicles: An insight based on bibliometric study					ii/S2352152X22007356	
4.	Dr.M.Murugan	Analysis of performance, combustion, and emission parameters in a reactivity-controlled combustion ignition (RCCI) engine—an intensive review	International Journal of Ambient Energy	2162-8246 .	43/Mar	Scopus	https://doi.org/10.1080/01430750.2022.2056914	0
5.	Dr.M.Murugan	An overview on energy and exergy analysis of solar thermal collectors with passive performance enhancers	Alexandria Engineering Journal	1110-0168.	60/Feb	SCI	https://doi.org/10.1016/j.aej.2022.01.052	4
6.	Dr. CHVVMJ Sarish	Collision-Free Inverse Kinematics of Redundant Manipulator for Agricultural Applications through Optimization Techniques	International Journal of Engineering	1728-1431	35/J	ESCI	10.5829/IJE.2022.35.07A.13	0
7.	Dr.Pramod	Thermal management system of lithium-ion battery packs for electric vehicles: An insight based on bibliometric study	Journal of Energy Storage	2352-152X	52/May	SCI	https://www.sciencedirect.com/science/article/abs/pii/S2352152X22007356	0
8.	Dr.Pramod	Analysis of performance, combustion, and emission parameters in a reactivity-controlled combustion ignition (RCCI) engine—an intensive review	International Journal of Ambient Energy	2162-8246 .	43/Mar	Scopus	https://doi.org/10.1080/01430750.2022.2056914	0
9.	Dr.Pramod	An overview on energy and exergy analysis of solar thermal collectors with	Alexandria Engineering Journal	1110-0168.	60/Feb	SCI	https://doi.org/10.1016/j.aej.2022.01.052	4

		passive performance enhancers					ej.2022.01.0 52	
10.	Dr. 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/Feb	Scoop u s	https://doi.org/ 10.12912/271 97050/145583	0


Faculty Incharge


Head-ME