



Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem – 533437

Academic Year 2019-2020 Research Publications (Conference papers)

S. No.	Name of the Faculty Author	Title of the Paper/ Name of Conference	Name of the Journal	ISBN/ ISSN Number	Vol/ Month	Index No UGC/ Scopus	URL/DOI	Citations
1.	Abdul Arif	Investigation of numerical modelling of TIG welding of austenitic stainless steel (304L)	Materials Today: Proceedings, 2020	1636-1640	Volume 27, Part 2	Scopus	10.1016/j.matpr.2020.03.544	10
2.	Abdul Arif	Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding	Materials Today: Proceedings, 2020	1733-1737	Volume 27, Part 2,	Scopus	https://doi.org/10.1016/j.matpr.2020.03.650	6
3.	DrGangadhara Rao	Optimization of tribological properties of Al6061/9% Gr/WC hybrid metal matrix composites using FGRA	ICRAMME-19	978-981-13-6373-3	19-21 December 2019		10.1007/978-981-13-6374-0_54	
4.	P.JaiKishan	Experimental study on a shell and tube heat exchanger with novel self agitating inserts	AIP Conference Proceedings 2200	020039-1–020039-6	Volume 2200 Issue 1 20 th Dec 2019	Scopus	https://doi.org/10.1063/1.5141209	3
5.	V.S.Suryaprakash	Thermal Performance Investigation Of MMC Heat Sinks For Low CTE Electronic Components Cooling	AIP Conference Proceedings 2200	020024-1–020024-8	Vol. 2200 Issue 1 20 th Dec 2019	Scopus	https://doi.org/10.1063/1.5141194	2

6.	V.S.Suryaprakash	Experimental study on a shell and tube heat exchanger with novel self-agitating inserts	AIP Conference Proceedings 2200	020039-1-020039-6	Vol. 2200 Issue 1 20 th Dec 2019	Scopus	https://doi.org/10.1063/1.5141209	3
7.	Ch.Ramprasad	Experimental studies on damping behaviour of nickel electroplated A356.2 alloy	Materials Today: Proceedings	2214-7853	27/ January	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785320304934	12
8.	Dr. Pramod Kumar	Comparative analysis of pulsed Nd:YAG laser welding of 304L and 904L stainless steel	Materials Today: Proceedings	2214-7853	33/ March	Scopus	https://doi.org/10.1016/j.matpr.2020.02.836	2
9.	Dr. Pramod Kumar	Investigation of numerical modelling of TIG welding of austenitic stainless steel (304L)	Materials Today: Proceedings	2214-7853	27/April	Scopus	https://doi.org/10.1016/j.matpr.2020.03.544	10
10.	Dr. Pramod Kumar	Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding	Materials Today: Proceedings	2214-7853	27/April	Scopus	https://doi.org/10.1016/j.matpr.2020.03.650	6
11.	Dr .N. Stanley	Experimental studies on damping behaviour of nickel electroplated A356.2 alloy	Materials Today: Proceedings	2214-7853	27/ January	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785320304934	12
12.	Dr. N. Stanley	Mechanical and microstructural characterization nickel electroplated metal matrix composites	Materials Today: Proceedings	2214-7853	27/ January	Scopus	https://doi.org/10.1016/j.matpr.2020.02.229	9

13.	N. Chaitanya Krishna	Potential and Applications of Green Composites in Industrial Space	Materials Today: Proceedings	2214- 7853	22/May	Scopus	https://doi.org/10.1016/j.matpr.2020.03.218	26
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Faculty in charge

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