



Aditya College of Engineering & Technology

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Department Mechanical Engineering

Academic Year 2019-2020 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.	A Chiranjeevi V S Prasad	Modal and Static Structural Analysis of Heavy Vibrating Screen Box	IJRASET	ISSN: 2321-9653	Volume 7 Issue IX, Sep 2019	UGC	DOI:10.22214/ijraset.2019.9029	
2.	Dr.M. Murugan	Performance enhancement of centrally finned twist inserted solar collector using corrugated booster reflectors	Energy	0360-5442	168/February	SCI	https://doi.org/10.1016/j.energy.2018.11.134	22
3.	Dr.M. Murugan	Influence of corrugated booster reflectors in a centrally finned twist inserted solar thermal collector on heat transfer and thermal performance characteristics	Journal of Heat Transfer	0022-1481	141(6)/June	SCI	https://doi.org/10.1115/1.4043172	4

4.	Dr.M. Murugan	Improving Performance of a Trapezoidal-Trough Thermosyphon Solar Collector using Peripherally Wing - Cut Swirl Generator	International Journal of Green Energy	1543- 5083	16(14)/Ooct ober	SCI	https://doi.org/10.1080/15435075.2019.1671395	4
5.	A Swathi	Thermo structural analysis on cylinder head of 4 stroke vcr diesel engine	International journal of engineering and management research	2250-0758	09/ March	UGC	IJEMR/V-10-2/09/2020	0


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