



Aditya College of Engineering & Technology

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Department Mechanical Engineering Academic Year 2018-2019 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.Akhilesh Kumar Singh	Weld bead geometry dimensions measurement based on pixel intensity by image analysis techniques	Journal of The Institution of Engineers (India): Series C	2250-0553	100	Scopus	https://doi.org/10.1007/s40032-017-0392-8	7
2.	Mr M Srinivas	Heat transfer enhancement in double pipe heat exchanger using water-based nano-fluid (SiO ₂) with twisted tape inserts	International Journal for Science and Advance Research in Technology		Vol. 5 issue 2, 2019	UGC		0
3.	Mr M Srinivas	Nanomaterial and thermal properties	International Journal of Technical Innovation in Modern Engineering & Science		Vol. 4 issue 9, 2018	UGC		0
4.	Mr M Srinivas	Accommodative capabilities of smart material	Journal of Emerging Technologies and Innovative Research		Vol. 5 issue 9, 2018	UGC		0

5.	V.Siva Nagi Reddy	CFD Analysis of Fin and Tube Intercooler with Different Fin Models	IJIRT	12 – DECEMBER 2018	Vol 3 Issue 5	UGC		0
6.	Abdul Arif	Optimization of Helical Spring Weight using Metaheuristic Algorithms	Trends in Machine Design	ISSN: 2455-3352 (Online)	Vol 5, Issue 2	UGC	https://www.researchgate.net/profile/Abdul-Arif-2/publication/341397559_Trends_in_Machine_Design_Optimization_of_Helical_Spring_Weight_using_Metaheuristic_Algorithms/links/60a7913aa6fdcc6d6262fec6/Trends-in-Machine-Design-Optimization-of-Helical-Spring-Weight-using-Metaheuristic-Algorithms.pdf	


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