

PBR VISVODAYA INSTITUTE OF TECHNOLOGY AND SCIENCE, KAVALI

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DEPARTMENT OF MECHANICAL ENGINEERING

Research Publications in the Journals notified on UGC website during the year 2018-19

S.No.	Name of the Faculty	Title of the paper	Publisher and ISBN/ISSN	Level & Type (IJ/NJ/ IC/NC)	Month & Year	Website link	SCI / UGC /Scopus	Impact Factor (IF)
1	T.MUNEIAH	System analysis of lubrication	International Journal of Innovative Reseach in Advanced Technology	IJ	July, 2018			
2	DR.B.KONDA REDDY	Design And Analysis of Industrial Helmet	International Journal of Innovative Reseach in Advanced Technology	IJ	July, 2018	http://www.ijarest.com/papers/finished_papers/150731121234.pdf		
3	C.MADAN MOHAN RAO	Multi Response Optimization of Process Parameters for Ball End Milling Using Taguchi Based Grey Relation Analysis	International Journal of Scientific Engineering and Technology Research	IJ	Aug., 2018			5.762
4	SESHAIAH NAGAM	Influence of Process Parameters and Magnetic Field in Electrical Discharge Machining of Untreated High Speed Steel (M2)	International Journal of Scientific Engineering and Technology Research	IJ	Aug., 2018	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6556808/		5.762
5	T.MUNEIAH	Mechanical Characterization,Influence Processs Parameters And Magnetic Field On Machining Characteristics Of Al/ Cu Metal Matri Composites In Edm	International Journal of Scientific Engineering and Technology Research	IJ	Oct., 2018	http://www.ijsetr.com/uploads/134265IJSETR17191-350.pdf		5.762
6	S PRAKASH	Emission study of alohol-biodiesel blends propelled diesel engine	International Journal of Ambient energy	IJ	Nov, 2018	https://doi.org/10.1080/01430750.2018.1542629	Scopus (Taylor & Francis)	0.45
7	AMAR BABU B	An Experimental Study On Drill Vibration, thrust Force and Surface Roughness in Drilling of SCF/CARBON Fibre Composites	International Journal of Scientific Engineering and Technology Research	IJ	Nov, 2018	https://www.ijstr.org/fin al-print/july2017/An-Experimental-Study-On-Drill-Vibration-Thrust-Force-And-Surface-Roughness-In-Drilling-Of-Scfcarbon-Fibre-Composite.pdf		5.762
8	DR.B.KONDA REDDY	Fabrication And Testing Of Fsw Of Aluminium Alloys Using Different Toolprofiles	International Journal Of Multidisciplinary Educational Research	IJ	Nov, 2018	http://www.ijmetmr.com/olmarch2016/IVSKaruna-IBalaBhaskarRao-5.pdf		6.014

9	B.SUNEEL KUMAR	Design And Development Of Aircraft Wing Rib Optimized Weight Saving Using Optistruct	International Journal Of Scientific Engineering And Tehnology Research	IJ	Nov, 2018	http://www.ijirset.com/upload/2017/march/306_DESIGN.pdf		5.762
10	C.MADAN MOHAN RAO	Optimization Of Process Parameters Using Taguchi Method While Machining H13 Hot Die Steel Material On Die Sink Edm	International Journal of Scientific Engineering and Technology Research	IJ	Dec, 2018	https://www.sciencedirect.com/science/article/pii/S2215098615001135		5.762
11	AMAR BABU B	Modelling And Analysis Of A Drive Shaft Made Of Different Materials	International Journal of Scientific Engineering and Technology Research	IJ	Dec, 2018	http://ijsetr.com/uploads/316245IJSETR17249-371.pdf		5.762
12	Y.RAJESH KUMAR	Design And Structural Analysis Of Missile Cone Using Different Materials	International Journal of Advanced Technology and Innovative Research	IJ	Dec, 2018	http://ijatir.org/uploads/125346IJATIR17255-216.pdf		5.87
13	S PRAKASH	Assesment of the emission characteristics of the diesel engine with nano-particle in neem biodiesel	Energy Sources,Part-A:Recovery,Utiliza	IJ	May, 2019	https://www.tandfonline.com/loi/ueso20	SCI (Taylor & francis	0.55
14	S PRAKASH	Deformation studies in natural plant fiber composites using finite element analysis	International Journal Of Engineering Computational Reareach And Technology, Vol.No.3 Issue No.1 Page No.54-57	IJ	Jun, 2019	https://linkinghub.elsevier.com/retrieve/pii/S101836391300041X		
14	S PRAKASH	Emission impact of pentanol on Pongamia biodiesel propelled diesel engine	International journal of ambient energy - Taylor & francis	IJ	Jun, 2019	https://www.tandfonline.com/doi/abs/10.1080/01430750.2019.1636883	Scopus (Taylor & francis	