

Department of Mechanical Engineering

RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS during the Academic Year 2017-18

Sl. No.	Name of the Faculty	Title of Paper	Publication citation	National or International Journal
1	Dr. K. Ramanarasimha	Parametric Analysis on Pulsating Heat Pipes	Recent Trends in Fluid Mechanics ISSN: 2455-1961 (Online) Volume 4, Issue 1	International Journal
		Thermal performance of a vertical closed loop pulsating heat pipe and analysis using dimensionless numbers	Journal of Mechanical Engineering and Sciences ISSN (Print): 2289-4659; e-ISSN: 2231-8380 Volume 11, Issue 4, pp. 3240-3255, December 2017	International Journal
		Effect of Rayleigh Number with Rotation on Natural Convection in Differentially Heated Rotating Enclosure	Journal of Applied Fluid Mechanics, Vol. 10, No. 4, pp. 1125-1138, 2017. Available online at www.jafmonline.net , ISSN 1735-3572, EISSN 1735-3645.	International Journal
2	Umashankar M	Investigation of transition in Sliding Wear Resistance of Nickel based Zinc Alloy	Materials today, Vol-4, Issues, 2017, Page: 9141-9146	International Journal
		Investigation of Tesla Turbine	Vol.6, Issue 12, Dec 2017, PGNO. 23-27	International Journal
		Design of conical straines and Analysis using FEA	ISSN: 2319 - 6734 Vol - 7, Issue -02, Feb 2018, PgNo. 61-65	International Journal
		"Investigation on Ni-Modified ZA alloy for Damping Properties"	Vol.4, Issue 9, 2017, PGNO. 10134-10137 2214-7853	International Journal
		Damping properties of nickel-added modified zinc alloys	Journal of Mechanical Engineering and Sciences ISSN (Print): 2289-4659; e-ISSN: 2231-8380 Volume 11 Issue 4 pp. 3217-3226 December	International Journal
		Vertical Take off and landing aircraft using tiltrotor mechanism.	Vol-5, Issue 2, Feb 2018, PgNo. 01-04	International Journal

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3	Balaji B	Investigation of Mechanical properties of a composite Tubular Electrode Based Hard Coating on Mild Steel substrate	ISSN 2394-3394, Vol-4, Issue 3, March 2017 , Page 6 to 11	International Journal
		Experimental and Parametric Investigation of Wear Phenomenon of composite Tubular Electrode based Hard Facing layers on Mild Steel Substrate	ISSN : 2349 -3224, Vol-5, Issue 01, Jan 2018, Page No. 43 to 51	International Journal
4	Mr. Girish T R	Characterization of a Hybrid Composite using E-Glass, Jute with Coconut Shell Powder as Filler Material	IJLTEMAS Volume VI, Issue IX, September 2017, ISSN 2278-2540	International Journal
		Characterization of a Hybrid Composite Using E-Glass, Jute with Graphite Powder as Filler Material	Advanced Science, Engineering and Medicine	International Journal