



3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Summary of Academic Year: 2017-18

Sr. No.	Name of Author's	Title of Paper	Name of Journal	Month/Year
1	I M Jamadar and D.P. Vakharia	A new damage diagnostic approach for deep groove ball bearings having localised surface defects in the raceways	ASME Journal of Tribology	November 2017
2	I M Jamadar and D.P. Vakharia	Correlation of base oil viscosity in the grease with vibration severity of damaged roller bearings	Emerald journal of industrial lubrication and tribology	2018
3	Vijayan . S N, Duraimurugan G.K, Senthil Kumar S, Kiran Babu K M, and Deepak P	CFD analysis of Frictional Drag reduction on the underneath of ship's hull using Air Lubrication system	International Journal of mechanical engineering and technology	April 2018
4	Balaji K, Prasanth S patil	An aviation industry overview: Maintenance, repair and overhaul (MRO) strategies and fundamentals in India	International Journal for Research and development in technology	Oct 2017
5	P. A. Pisal	Groundwater Quality Assessment In Chikurde Basin, Sangli District, Maharashtra, India	International Journal Of Researches In Biosciences, Agriculture And Technology, Vol. 5(3). Pp. 261-267	2017
6	S. B. Hivarekar	Groundwater Quality Assessment In Chikurde Basin, Sangli District, Maharashtra, India	International Journal Of Researches In Biosciences, Agriculture And Technology, Vol. 5(3). Pp. 261-267	2017
7	Mr. S. S. sayyad	An encrypted Neural Network Learning to Build Safe Trained Model	International Journal of Computer Sciences and Engineering	Feb-18
8	Mr. S. S. sayyad	Multilayer Perceptron using Levenberg Marquardt Algorithm for Imbalanced Data	International Journal of Programmable Device Circuits and Systems	Mar-18
9	Mr. S. D. Khatawkar	Detecting and Improving Distorted Fingerprints using Rectification Techniques	International Journal of Creative Research Thoughts (IJCRT)	Apr-18
10	Mrs. A. N. Mulla	Design and Analysis Performance of Kidney Cyst Detection from Ultrasound Images	International Journal of Engineering Development and Research	May-18
11	Kiran D. Devade	Issues and prospects of energy separation in Vortex tubes: Review	Wiley Heat Transfer	August 2017
12	Kiran D. Devade	Parametric Review of Ranque-Hilsch Vortex Tube	Journal of Thermal Engineering	Jun-18



13	Kiran D. Devade	Numerical Analysis of Flow Behaviour in Vortex Tube for Different Gases	Mechanical Engineering Research	2017
14	R. B. Patil	Reliability analysis of CNC turning center based on the assessment of trends in maintenance data	International Journal of Quality & Reliability Management	October 2017
15	Dr. L. Y. Waghmode	Reliability analysis of CNC turning center based on the assessment of trends in maintenance data	International Journal of Quality & Reliability Management	October 2017
16	R.B.Patil	Failure Modes and Effects analysis (FMEA) of computerized numerical control (CNC) turning centre	International Review of Mechanical Engineering	2018
17	S.A.Mullya	Accretion Behavior and debris flow along inter-electrode gap in μ ED milling process	The International Journal of Advanced Manufacturing Technology	Mar 2018
18	Wadekar P M	Experimental Investigation of Heat Transfer Enhancement in Tube in Tube Heat Exchanger with Perforated Twisted Tapes	International Advanced Research Journal in Science, Engineering and Technology	Sept 2017
19	Patil A. R	Experimental Investigation of Heat Transfer Enhancement in Tube in Tube Heat Exchanger with Perforated Twisted Tapes	International Advanced Research Journal in Science, Engineering and Technology	Sept 2017
20	Prof. Pramod B. Magade, Dr. S. P. Chavan	Development and Testing of Novel Mini Wind Turbine (NMWT) Set	International Journal of Engineering Technology Science and Research	Dec-17
21	Aneesh Gangal	Synthesis and Characterization of Mg nanoparticles for Hydrogen Storage Material Study	Journal of Social, Technological and Environmental Science	Aug-2017
22	G.B.Pawar	Modelling and analysis of Venturi wind turbine by using CFD	International Journal of Trend in research and development	June 2018
23	P.V.Mali	Modelling and analysis of Venturi wind turbine by using CFD	International Journal of Trend in research and development	June 2018
24	Y.B.Ballal	Modelling and analysis of Venturi wind turbine by using CFD	International Journal of Trend in research and development	June 2018
25	P.B.Patil	Modelling and analysis of Venturi wind turbine by using CFD	International Journal of Trend in research and development	June 2018
26	H.H.Patil	Modelling and analysis of Venturi wind turbine by using CFD	International Journal of Trend in research and development	June 2018
27	S.B.Kumbhar	Two way stiffness turning of Magnetorhrlogical Elastomer Shape Memory Alloy Composite	Journal of Vibration engineering and Techology	Dec 2017
28	S.P.Chavan	Two way stiffness turning of Magnetorhrlogical Elastomer Shape Memory Alloy Composite	Journal of Vibration engineering and Techology	Dec 2017



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29	S.S.Gawade	Two way stiffness turning of Magnetorhrlogical Elastomer Shape Memory Alloy Composite	Journal of Vibration engineering and Techology	Dec 2017
30	Balaji K, Prasanth S patil	An aviation industry overview: Maintenance, repair and overhaul (MRO) strategies and fundamentals in India	International Journal for Research and development in technology	October 2017

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