



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

**Summary of Academic Year: 2018-19**

Sr. No.	Name of Author's	Title of Paper	Name of Journal	Month /Year
1	Manoj D Patil	ALO Optimized Neural Network Controlled Three Phase Five Level Cascaded H-Bridge Inverter for Integra+A1+B35:B36+B35:B37+B35:B39+A1+B35:B35:B39	Institute of Advanced Scientific Research Publications; Journal of Advanced Research in Dynamical & Control System	2018
2	P. A. Pisal	Groundwater quality assessment for drinking & irrigation purpose in Minche - Savarde basin, Kolhapur district.	Indian Journal of Environment protection, vol. 38, Issue -8	2018
3	S. B. Hivarekar	Groundwater quality assessment for drinking & irrigation purpose in Minche - Savarde basin, Kolhapur district.	Indian Journal of Environment protection, vol. 38, Issue -8	2018
4	R. A. Patil	Groundwater quality assessment for drinking & irrigation purpose in Minche - Savarde basin, Kolhapur district.	Indian Journal of Environment protection, vol. 38, Issue -8	2018
5	S. S. Mohite	Groundwater quality assessment for drinking & irrigation purpose in Minche - Savarde basin, Kolhapur district.	Indian Journal of Environment protection, vol. 38, Issue -8	2018
6	Mr. R. V. Jadhav, Mr. S. S. Patil, Mr. M. M. Bhanuse	To study the strength of concrete due to partial replacement of river sand by waste foundary sand	Indian Journal of Environment protection, vol. 38, Issue -12	2018
7	C. R. Shah, S. S. Sathe, P. B. Bhagwati, S. S. Mohite	A hill slope failure analysis: A case study of Malingaon village, Maharashtra, India	Geology, Ecology and Landscape, Taylor & Francis	2019
8	P. G. Chandak	Evaluation and Remedial Measures on Premature Failure of Roads in India	Journal of Performance of Constructed Facilities, American Society for Civil Engineers (ASCE)	2019
9	Dhanshri B. Bhadke, Manoj D. Patil	Operation and Control of a DC Micro-grid with Wind Power Generation and Energy Storage	Blue Eyes Intelligence Engineering & Sciences Publications; International Journal of Recent Technology and Engineering	2019
10	Manoj D. Patil, Rajendra B. Madake, Sonali L. Sawant	Modeling and Simulation of Indirect Back EMF Detection Based Sensor Less Operation of PMBLDC Motor Drive	Blue Eyes Intelligence Engineering & Sciences Publications; International Journal of Engineering and Advanced Technology (IJEAT)	2019



11	J. M. Kharade	A Access of SST Converter Topologies: Control & Modulation Techniques	International Journal of Recent Technology and Engineering	2019
12	P. V. Gaikwad	Effect of Sn substitution on structural , electrical and magnetic properties of copper ferrites synthesized by sol-gel auto combustion method	International journal of research and analytical reviews	2018
13	A. N. Metkari	Certain new classes of analytic functions defined by using Al-Oboudi operator	International journal of research and analytical reviews (IJRAR)	2019
14	Dr. N. D. Sangle	Certain new classes of analytic functions defined by using Al-Oboudi operator	International journal of research and analytical reviews (IJRAR)	2019
15	P. V. Gaikwad	Magnetostructural properties and photocatalytic performance of sol-gel synthesized cobalt substituted Ni-Cu ferrites for degradation of methylene blue under sunlight	Physica B: Condensed matter	2019
16	Dr. S. G. Sapate	Radiomics based Detection and Characterization of Suspicious Lesions on Full Field Digital Mammograms	Computer Methods and Programs in Biomedicine	18 May 18.
17	Dr. S. G. Sapate	Breast cancer diagnosis using abnormalities on ipsilateral views of digital mammograms	Biocybernetics and Biomedical Engineering	January –March 2020
18	R. A. Barawade	“An Experimental and Numerical Investigation on Static Vibration Response of Multi-Cracked Rotor Shaft”	Materials Science and Engineering, IOP Journals,	Sept. 2018
19	Patil, R.B.	Selection of time-to-failure model for computerized numerical control turning center based on the assessment of trends in maintenance data	Journal of Risk and Reliability	2019
20	Waghmode, L.Y.	Selection of time-to-failure model for computerized numerical control turning center based on the assessment of trends in maintenance data	Journal of Risk and Reliability	2019
21	Patil R.B.	Integrated reliability and maintainability analysis of Computerized Numerical Control Turning Center considering the effects of human and organizational factors	Journal of Quality in Maintenance Engineering	Feb-19
22	M M Jadhav	A Study of Inversion Traction Therapy: for Lower Back Pain Problems	International Journal of Engineering Research & Technology(IJERT)	Jun-1



23	M M Jadhav	A Study of Inversion Traction Therapy: for Lower Back Pain Problems	International Journal of Engineering Research & Technology(IJERT)	Jun-1
24	Mr. P. B. Patil	Design and Development Flexible Chaff Cutting Machine	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Jun-19
25	Mr. P.V Mali	Design and Development Flexible Chaff Cutting Machine	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Jun-19
26	Mr. Y. P. Ballal	Design and Development Flexible Chaff Cutting Machine	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Jun-19
27	Desai, S., Mantha, S., & Phalle, V.	Design of a reconfigurable wheelchair with stand-sit-sleep capabilities for enhanced independence of long-term wheelchair users	Technology and Disability	Nov-18
28	Mr. B.A. Anuse, Dr. S.P. Chavan	Evaluation of Residence Time for drying of wet bagasse rotary bagasse dryer used in jaggery plant	International Journal of Engineering Science Invention	44822
29	Mr. B.A. Anuse, Dr. S.P. Chavan, Mr. A.V. Walvekar	Experimental Optimization of Baffles Patterns used in prototype model of rotary bagasse dryer	Journal of Emerging Technologies and Innovative Research	44580
30	P S Patil, P B Patil, M N Gurav, R S Sankpal	Experimental Investigation of static and Dynamic loading condition for Clare Composite material	Materials today proceedings, elsevier	2018
31	Abhijitkumar A Jadhav	A novel approach of software based rubrics in formative and summative assessment of affective and psychomotor domains among the engineering under graduates Focusing on accreditation process across pan India	International Conference on Advanced Learning Technologies (ICALT)	2018

Dr.A.N.Jadhav

Dean, R&D

Dr.Vikram S. Patil

Director