

## Publications in 2019 by Mechanical Engg. Dept., SPCE, Mumbai

- [1] P. Vader, M. S. Nagrale and S. A. Mastud, "Experimental and Numerical Approach to Investigate the Effect," in *IOSR Journal of Engineering*, 2019.
- [2] S. Karandikar, B. N. Bhasme, I. Sheikh, A. Modi and S. Kedare, "Multi-field solar thermal power plant with linear fresnel reflector and solar power tower," in *ICAER 2019*, 2019.
- [3] A. P. Khandave and K. Bhole, "A system for guiding a user to repair a Machine," 2019.
- [4] S. Karandikar, I. Shaikh, A. Modi, S. Kedare and B. Bhasme, "Multi-field solar thermal power plant with linear Fresnel reflector and solar power tower," 2019.
- [5] N. U. Netke, D. N. Jadhav and S. Prabhune, "Theoretical and Numerical approach to vibration study of fiber reinforced polymer composite plates," in *International Conference on Advances in Mechanical and Electrical Engineering*, 2019.
- [6] B. Suryavanshi, B. Bhasme and V. Neve, "Development of a Program for Optimized Thermal Designing of a Waste Heat Boiler with Integrated Tube Design," in *International Conference on Advances in Mechanical and Electrical Engineering ICAMEE 2019*, 2019.
- [7] B. Suryavanshi, I. Shaikh, A. Modi and B. Bhasme, "Multi Field Solar Thermal Power Plant with Linear Fresnel Reflector and Solar Power Tower," in *7th International Conference on Advances in Energy Research Dec 2019*, 2019.
- [8] A. Palve, S. Shinde and K. Bhole, "Review on Expansion Joints for Process Equipment and Piping," in *IOSR Journal of Engineering*, 2019.
- [9] P. Vader and M. Nagrale, "Experimental and Numerical Approach to Investigate the Effect of Tool Geometry for EDM- Drilling," in *IOSR Journal of Engineering (IOSR JEN)*, 2019.
- [10] A. Gupta, D. Jadhav, G. Savant and G. Khairnar, "FATIGUE ASSESSMENT OF NOZZLE - SHELL JUNCTION USING INELASTIC ANALYSIS," in *International Conference on. Advances in Mechanical & Electrical Engineering (ICAMEE 2019)*, 2019.
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- [12] S. Kamble and S. Umale, "Experimental Investigation of Thermoelectric Cooling with Phase Change Material (PCM)," in *3rd International Conference on Recent Research Emerging Trends in Materials and Mechanical Engineering*, 2019.
- [13] A. Kambale and S. Umale, "Heat Transfer Analysis of Compound Parabolic Collector: A CFD Approach," in *3rd International Conference on Recent Research Emerging Trends in Materials and Mechanical Engineering 2019*, 2019.

- [14] A. Palve, K. Bhole and S. Shinde, "Review on Expansion Joints for Process Equipment and Piping," in *IOSR journal of engineering*, 2019.
- [15] S. Hulsure and R. S. Maurya, "Numerical Investigation of Wind Driven Natural Ventilation in a Mega Warehouse Building," *International Journal of Fluid Engineering*, 2019.
- [16] S. S. V. Thakker and S. Rane, "Implementation of Green Supplier Development process model in Indian Automobile Industry," *Management of Environmental quality- An International Journal*, vol. 29, pp. 938-960, 2019.
- [17] S. V. Thakker and S. Rane, "Performance improvement of Green supply chain using balanced score card method," in *ISDSI, 12 th annual International conference*, 2019.
- [18] S. B. Rane, Y. A. Narve and N. Khatua, "Development of mechanism for mounting secondary isolating contacts (SICs) in air circuit breakers (ACBs) with high operational reliability," *International Journal of System Assurance Engineering and Management*, vol. 8, pp. 1816-1831, 2019.
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- [20] S. Rane, Y. Narvel, A. Ankalikar and P. Ranjalkar, "Development of Framework For Real-time Asset Performance Management In Asset-intensive Industries: A Perspective of Internet of Things and Business Intelligence," in *SPJIMR - POMS India Chapter*, 2019.
- [21] Y. A. Narvel and S. Rane, "Modelling Agile Project Management for Asset-Intensive Industries: A Perspective of Business Intelligence (BI) – A Research Proposal," in *Evolutions in Manufacturing: Technologies and Business Strategies for Global Competitiveness*, 2019.
- [22] S. Rane, Y. A. Narvel, A. Ankalikar and P. Ranjalkar, "Re-Designing the business organization using disruptive innovations based on Blockchain-IoT integrated architecture for improving agility in future industry 4.0," in *National Convention of IIIE & International*, 2019.
- [23] S. Rane and Y. A. Narvel, "Enabling data driven decision making using Blockchain-IoT integrated architecture to improve agility in Project Resource Management (PRM): A perspective of BI," in *12th annual ISDSI conference on Data Driven Decision Making in digital age.*, 2019.
- [24] S. Rane and Y. A. Narvel, "Prioritizing critical success factor (CSF) for implementing agility in project procurement management (PPM) using Interpretive Structural Modelling (ISM)," in *The Second National Conference on "Changing Technology and Rural Development" CTRD 2k17*, 2019.
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- [28] M. Banale, V. Jayant and N. Raykar, "Investigation of Residual stresses in Metal Additive manufacturing," *International conference on Advance Mechanical engineering*, 2019.
- [29] V. Bhosle, P. Kudale and R. Buktar, "Integration of Augmented Reality and Internet of things to support remote maintenance in implementation of Industry 4.0," *International Journal of Integrated Engineering*, 2019.
- [30] A. M. Zakwan, "Vibration Analysis of BTA Deep Hole Drilling Machine," 2019.
- [31] A. Narange and S. Rane, "Product Development Process for MCCB Using Value Engineering (VE)," in *Third National Conference on Industrial Engineering and Technology Management*, 2019.
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- [33] R. Varma and K. Bhavsar, "Numerical Analysis of Heat Transfer Augmentation in a Heat Exchanger Tube Using Perforated Twisted Tapes," *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, vol. 8, 2019.
- [34] N. Warriar, K. Bhavsar and A. Kale, "Numerical Investigation of Arc Dynamics in Low Voltage Circuit Breakers," in *3rd International Conference on Advances in Mechanical Engineering*, 2019.
- [35] M. Katke, A. Vajir and D. N. Jadhav, "Design and Development of Floating Structure For Solar PV Plant Using Numerical Analysis," in *International Conference on. Advances in Mechanical & Electrical Engineering*, 2019.
- [36] S. Shirsath and K. Bhavsar, "Performance Analysis of Double Pipe Heat Exchanger," *International Journal of Engineering and Advanced Technology (IJEAT)*, 2019.
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- [42] S. Rane, Y. Narvel and B. Bhandarkar, "Developing strategies to improve agility in the project procurement management (PPM) process," *Business Process Management Journal*, 2019.
- [43] S. Rane and Y. Narvel, "Re-Designing the business organisation using disruptive innovations based on Blockchain-IoT integrated architecture for improving agility in future industry 4.0," *Benchmarking: An International Journal*, 2019.
- [44] B. N. Bhasme, "Wake Characteristics of a Circular Cylinder with a Short Flat Plate in One of the Separated Shear Layers," *AIAA Aviation 2019 Forum*, 2019.
- [45] M. D. Nikam, D. Shimpi and K. Bhole, "Design and Development of Surface Texture for Tribological Application," in *Advanced Materials Research*, 2019.
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