

Publications in 2017 by Mechanical Engg. Dept., SPCE, Mumbai

- [1] P. Rawool, N. Raykar and S. Prabhune , "Investigation of behavior of GFRP composites under marine conditions using drop weight impact test," *Integrated Ferroelectrics*, vol. 185, no. 1, pp. 31-40, 2017.
- [2] R. Maurya and S. Singh, "Numerical investigation of isothermal flow around impingement plates in a shell and tube exchanger," *Journal of Thermal Engineering*, vol. 3, no. 5, pp. 1442-1452, 2017.
- [3] M. Agrewale and R. Maurya , "Aerodynamic Analysis of Flat Solar Panel Mounted Mini Bus Model With Different Yaw Angles," *International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017)*,, 2017.
- [4] M. . S. Kirkire and S. B. Rane , "Interpretive structural modelling of risk sources in medical device development process," *International Journal of System Assurance Engineering and Management (AEEICB)*,, vol. 8, pp. 451-464, 2017.
- [5] R. Dandage, S. Mantha and V. Bhoola, "Analysis of interactions among barriers in project risk management," *Journal of Industrial Engineering International*, vol. 14, no. 1, pp. 153-169, 2017.
- [6] M. Kirkire and S. Rane , "Evaluation of success factors for medical device development using grey DEMATEL approach," *Journal of Modelling in Management*, vol. 12, no. 2, pp. 204-223, 2017.
- [7] S. Rane, Y. Narvel 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, 2017.
- [8] k. S. Mujumdar , R. S. Kulkarni and S. S. Umale, "NUMERICAL INVESTIGATION OF LAMINAR NATURAL CONVECTION IN RECTANGULAR ENCLOSURES," *INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING SCIENCES*, 2017.
- [9] A. K. Vishnoi, A. V. Sid, M. Kumar, S. S. Umale and A. K. Nayak, "Design and Analysis of Natural Circulation based Integral Receiver System for 2 MW Electric Beam down Solar Thermal Plant," *Journal of Energy Research and Environmental Technology*, vol. 4, no. 2, pp. 176-182, 2017.
- [10] S. Umale, M. Kulkarni and M. Wakchaure, "Numerical Investigation of Heat Transfer Behaviour during Severe Accident in Indian PHWR," *Journal of Material Science and Mechanical Engineering*, vol. 4, no. 3, pp. 11-125, 2017.
- [11] N. Gulhane , D. Ubale and S. Umale, "Experimental investigation of Condensation heat transfer in vertical Shell and Helical coil Heat Exchanger," *International conference on Mechanical and Manufacturing Engineering*, 2017.
- [12] S. Umale and R. Melwanki, "Analysis of Plate Type Offset Fin Compact Heat Exchanger – a Review," *Journal of Advances in Science and Technology*, vol. 13, no. 1, pp. 146-151, 2017.

- [13] S. Umale and R. Kulkarni, "Recent Trends in Alternative Fuels-A Review," *Journal of Advances in Science and Technology*, vol. 13, no. 1, pp. 374-378, 2017.
- [14] S. S. Umale and S. Naik, "Clean Coal Technology in India," *Proceedings of Future Energy Sources for Clean Environment*, 2017.
- [15] D. V. Bhoir, P. V. kasambe and K. S. Bhole, "Performance Evaluation of Embedded Strain Sensing Varying Thickness Polymer Micro-cantilever as Biosensor Platform," *International Journal of Latest Technology in Engineering, Management & Applied Science*, vol. 6, no. 7, pp. 001-007, 2017.
- [16] S. M. Deo, K. Bhole, P. Kulkarni and S. Shinde , "Concept Of Flexure Based Mechanism For Efficient Micro Drilling," 2017.