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List of publications

A) National Conference : NIL

B) National Journal: NIL

C) International Conference: 05

- 1) Kaisar Katchi, Nilesh Raykar, "Modeling of Hydrogen Assisted Stress Corrosion Cracking with Hydrogen Concentration Dependent Diffusivity", CORCON 2016, Sept. 18 – 21, 2016, New Delhi, September 2016
- 2) Rohit G. Kamble, N. R. Raykar, D.N. Jadhav, "Machine Learning Approach to Predict Fatigue Crack Growth", International Conference on Aspects of Materials Science and Engineering (ICAMSE-2020), Materials Today Proceedings, In Press
- 3) Jay M. Ovalekar, N. R. Raykar, P. Murali Mohan, "Comparative study of design methods for bolted flanges subjected to external loading", ICAMEN2020, Materials Today Proceedings, In Press
- 4) Kavan Shah, Raoul Chandnani, Ujjal Mavinkurve, Nilesh Raykar, "Application of Machine Learning for Design-by-Analysis of Pressure Equipment", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE Xplore, January 2019
- 5) Abhilash Mane, Riddhi Adhikari, Shreyash Gadgil, Nilesh Raykar, "Investigating Application of Machine Learning in Identification of Polygon Shapes for Recognition of Mechanical Engineering Drawings", International Conference on Nascent Technologies in Engineering (ICNTE 2019), IEEE Xplore, January 2019

D) International Journal : 03

- 1) Ravikiran Jondhale, Surfarazhussain S Halkarni, NR Raykar, Arunkumar Sridharan, SV Prabhu, "Influence of converging and diverging geometry on the pressure drop distribution in randomly packed beds", Particulate Science and Technology, Taylor & Francis, pp 1-18, March 2020
- 2) Pankaj E. Rawool, Nilesh R. Raykar, Shantanu C. Prabhune, "Investigation of behavior of GFRP composites under marine conditions using drop weight impact test", Integrated Ferroelectrics, Pages 31-40, December 2017
- 3) Chikode Snehankush, Raykar N.R., "Investigation of Reduction in Buckling Capacity of Cylindrical Shells under External Pressure due to Partially Cut Ring Stiffeners," International Journal of Pressure Vessel Technology (ASME's Transaction Journal), February 2017.