Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra

Conference/Journal Publications

Calendar Year 2020

1. **Pallavi Khaire, Shamim Pathan**, V. M. Phalle (2020) Condition Monitoring of Rolling Element Bearing Having Defect At Inner Race Using Artificial Neural Networks, 7th Mechanical Engineering Research Day (MERD'20, Malaysia, December 2020

2. Priyanka Patil, **Pallavi Khaire**, V. M. Phalle (2020) Fault Diagnosis of Rolling Eleent Bearing Using Artificial Intelligence Techniques, 7th Mechanical Engineering Research Day (MERD'20, Malaysia, December 2020

Calendar Year 2019

3. **Pallavi Khaire**, V. M. Phalle, Vishadeep H. (2019) Condition Monitoring of Rotating Machinery Considering the Effect of Bent Shaft Using Artificial Neural Networks, National Conference on Infrastructure Development and Environmental Assessment (IDEA-2019),Bodh Gaya College of Engineering, Gaya, October 2019

4. **Pallavi Khaire, Girish Dalvi, Nilesh Varkute,** Libin K., Abrar U., Edwin V., Marshall M., Condition Monitoring of Centrifugal Pumps using Vibration Analysis and Artificial Neural Networks, 6th international Conference on Production and Industrial Engineering (CPIE-2019), NIT Jalandhar

Calendar Year 2017

5. **Khot, S. M., Khaire, P.,** & Naik, A. S. (2017, January). Experimental and simulation study of flow induced vibration through straight pipes. In 2017 International Conference on Nascent Technologies in Engineering (ICNTE) (pp. 1-6). IEEE.

6. Ansari, A. I., **Chauhan, S. J., & Khaire, P.** (2017, July). Effect of crack on natural frequency in rotor system. In AIP Conference Proceedings (Vol. 1859, No. 1, p. 020101). AIP Publishing LLC.

7. Ansari, A. I**., Chauhan, S. J., & Khaire, P.** (2017) Detection and location of depth of crack in a rotor system using various vibration based diagnosis techniques at International Conference NDE-2017

8. **Pallavi Khaire**, Experimental study to identify the effect of bent shaft on vibration spectrum using FFT analyzer, International conference, NIT Hamirpur, 16-18 Dec. 2017

Calendar Year 2016

9. **Varkute, N., Mashilkar, B. B., Khaire, P., & Sasane, K.** (2016). Numerical Simulation of Heat Transfer augmentation in a Rectangular Solar Air Heater Duct.

10. Russel, A., Karda, J., Jain, P., Kale, S., & **Khaire, P.** (2016). Simulation and Experimental Study for Selection of Gauge Area Cross-Section of 'S'Type Load Cell.

Calendar Year 2015

11. **Khot, S. M., & Khaire, P. (2015).** Simulation and experimental study for diagnosis of misalignment effect in rotating system. Journal of Vibration Analysis, Measurement, and Control, 3(2), 165-17.
12. **Khaire, P. (2015).** Simulation and Experimental Study to Investigate the Effect of Bent Shaft on Vibration Spectrum. International Journal of Innovative Research and Development, 4(4).

13. **Mashilkar, B., Khaire, P., & Dalvi, G.** (2015). Automated bottle filling system. International Research Journal of Engineering and Technology, 2(7), 771-776.

Calendar Year 2014

14. **Pathan, S., & Khaire, P. (2014)**. Experimental study to identify the effect of type coupling on unbalance using frequency spectrum analysis. IOSR Journal of Mechanical and Civil Engineering, 11(3), 13-16
15. **Khaire Pallavi, (2014)**, Experimental Study to Identify the Vibration Signature of Bent Shaft, International Journal Of Engineering Research & Technology (IJERT), Volume 03, Issue 10 (October 2014)

Calendar Year 2009

16. **Nilaj Deshmukh, Pallavi Khaire**, Design and manufacturing of braking system of windmill and storage system, International Conference at Mulshi institute of Technology, Pune,2009