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SL No	Title	Year of publication
1	M. Sundaram S and Dr. Saimurugan M., "Performance improvement of classifier in fault diagnosis of rotating machines using sensor fusion techniques", International Journal of Engineering and Advanced Technology, vol. 8, no. 6, pp. 1136-1141, 2019.	2019
2	P. T. Kumar, Dr. Saimurugan M., Haran, R. B. Hari, Siddharth, S., and Dr. K. I. Ramachandran, "A multi-sensor information fusion for fault diagnosis of a gearbox utilizing discrete wavelet features", Measurement Science and Technology, vol. 30, 2019.	2019
3	S. Saivenkatesh, Ramkumar, A., Blalakumhren, A. P., K. Marimuthu, P., and Dr. Saimurugan M., "Finite element simulation and experimental validation of the effect of tool wear on cutting forces in turning operation", International Journal of Mechanics and Mechanical Engineering, vol. 23, pp. 297-302, 201	2019
4	T. Praveenkumar, Sabhrish, B., Dr. Saimurugan M., and Dr. K. I. Ramachandran, "Pattern recognition based on-line vibration monitoring system for fault diagnosis of automobile gearbox", Measurement, vol. 114, pp. 233 - 242, 2018.	2018
5	Dr. Saimurugan M. and Ramprasad R, "A dual sensor signal fusion approach for detection of faults in rotating machines", Journal of Vibration and Control, vol. 24, pp. 2621–2630, 2017	2017
6	T. Praveenkumar, Dr. Saimurugan M., and Dr. K. I. Ramachandran, "Comparision of Sound, Vibration and motor current signature analysis for detection of gearbox faults", International Journal of Prognostics and Health Management, vol. 8, no. 2, pp. 1-10, 2017	2017
7	Krishna Pradeep G.V., Dr. Saimurugan M., and Ravikumar S., "Tool Wear Monitoring Using the Fusion of Vibration Signals and Digital Image", Journal of Chemical and Pharmaceutical Sciences , vol. 9, pp. 537-541, 2016.	2016
8	Dr. Saimurugan M., T. Praveenkumar, B Sabhrish, P. Sachin Menon, and S Sanjiv, "On-Road Testing of a Vehicle for Gearbox Fault Detection using Vibration Signals", Indian Journal of Science and Technology, vol. 9, no.	2016

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9	Dr. Saimurugan M. and Nithesh, R., "Intelligent Fault Diagnosis Model for Rotating Machinery Based on Fusion of Sound Signals", International Journal of Prognostics and Health Management, vol. 7, no. 2, pp. 1-10, 2016	2016
10	K. Korambeth Rajat, Rajan, M. T. V. Akhil, S.M, P., and Dr. Saimurugan M., "Design and Fabrication of Foldable Bicycle International ", International Journal of Applied Engineering Research , vol. 10, pp. 32577-32584, 2015.	2015
11	P. Sundar, KN, V., Dr. Saimurugan M., G. Kumare, P., and Sreenath, P. G., "Automobile Gearbox Fault Diagnosis using Naive Bayes and Decision Tree Algorithm.", Applied Mechanics & Materials, vol. 813/814, pp. 943-948, 2015	2015
12	Neethu Mohan, Ambika, P. S., S. Kumar, S., Dr. Saimurugan M., and Soman, K. P., "Multicomponent fault diagnosis using statistical features and regularized least squares", International Journal of Applied Engineering Research, vol. 10, no. 20, pp. 19074-19080, 2015	2015
13	Dr. Saimurugan M., T. Praveenkumar, Krishna Kumar P., and Ramachandran, K. I., "A Study on the Classification Ability of Decision Tree and Support Vector Machine in Gearbox Fault Detection", Applied Mechanics and Materials, vol. 813-814, pp. 1058-1062, 2015.	2015
14	Dr. Saimurugan M., "Health Monitoring of a Gear Box Using Vibration Signal Analysis", Applied Mechanics and Materials, vol. 813-814, pp. 1012-1017, 2015.	2015