S.No	Author(s)	Paper Title	Name of Journal	Year
1.	TM Alamelu Manghai, R Jegadeeshwaran	Vibration based brake health monitoring using wavelet features: A machine learning approach	Journal of vibration and control, 25(18) (2019) 2534-255.	2019
2.	K Balachandar, R Jegadeeshwaran, D Gandhikumar	Condition monitoring of FSW tool using vibration analysis–A machine learning approach	Materials Today: Proceedings, 27(3) (2020) 2970-2974 (IF: 0.5)	2020
3.	Shantisagar. K., Jegadeeshwaran. R., Sakthivel. G	Vibration Based tool insert health monitoring using decision tree and fuzzy logic	Structural Durability & Health Monitoring, 13(3) (2019) 303-316.	2019
4.	T. M. Alamelu Manghai, R. Jegadeeshwaran	Application of FURIA for Finding the Faults in a Hydraulic Brake System Using a Vibration Analysis through a Machine Learning Approach,	International Journal of Progonostics and Health Management, 10(1) (2019) 1-9.	2019
5.	M. Alamelu Mangai, R. Jegadeeshwaran, V. Sugumaran	Vibration Based Condition Monitoring of a Brake System Using Statistical Features with Logit boost and Simple logistic algorithm,	International Journal of Performability Engineering, 14(1) (2018) 1-8.	2019
6.	M Alamelu Mangai, R Jegadeeshwaran	Vibration Based Condition Monitoring of a Brake System Using Statistical Features with Logit boost and Simple logistic algorithm,	International Journal of Performability Engineering 14 (1) (2018) 1 – 8.	2018
7.	Alamelu Manghai. T. M., R Jegadeeshwaran, V Sugumaran	Feature-Based Vibration Monitoring of a Hydraulic Brake System Using Machine Learning	Structural Durability & Health Monitoring, 11 (2) (2017) 149 - 167	2017

8.	Alamelu Manghai. T. M., R Jegadeeshwaran	Brake Fault Diagnosis Through Machine Learning Approaches–A Review	Structural Durability & Health Monitoring 12 (1) (2017) 43 – 67.	2017
9.	N Bohara, R Jegadeeshwaran, G Sakthivel	Carbide coated insert health monitoring using machine learning approach through vibration analysis	International Journal of Prognostics and Health Management 8 (2) (2017) 1-10	2017
10.	R More, R Kottath, R Jegadeeshwaran, V Kumar, V Karar, S Poddar	, Improved pose estimation by inlier refinement for visual odometry	IEE transaction on Sensing, Signal Processing and Security, (2017) 224-248	2017
11.	R Khurana, A., Chavan, A.N., R. Jegadeeshwaran	Design of a gear for stress dissipation	Recent Patents on Mechanical Engineering, 10 (2) (2017) 159-164.	2017
12.	M N Gajre, R Jegadeeshwaran, V Sugumaran	A Talbar, Vibration based Fault Diagnosis of Automobile Hydraulic Brake System using Fuzzy Logic with Best First Tree Rules	International Journal of Vehicle Structures and Systems, 8 (4) (2016) 214-218. .	2016
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14.	R Jegadeeshwaran, V Sugumaran	Vibration Based Condition Monitoring of a Hydraulic Brake System through Statistical Learning Approaches	A Review, Indian Journal of Science and Technology, 9 (48) (2016) 1-5.	2016
15.	R Deka, G Kalaiarasan, R Jegadeeshwaran	Developing a Self-Localization System for Mobile Robot Using Ultrasonic Sensor, Mesh	Applied Mechanics & Materials, 852 (2016) 812-818.	2016

16.	R Jegadeeshwaran, V Sugumaran	Fault diagnosis of automobile hydraulic brake system using tatistical features and support vector machines	Mechanical Systems and Signal Processing, 52-53, (2015) 436 – 446.	2016
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18.	R Jegadeeshwaran, V Sugumaran	Fuzzy classifier with automatic rule generation for fault diagnosis of hydraulic brake system using statistical features	International Journal of Fuzzy Computation and Modelling, 1 (3), 333 – 350.	2015
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21.	V Indira, R Vasanthakumari, R Jegadeeshwaran, V Sugumaran	Determination of minimum sample size for fault diagnosis of automobile hydraulic brake system using power analysis	Engineering Science and Technology, an International Journal, 18 (1) (2015) 59 – 69.	2015