

S.No	Author(s)	Paper Title	Name of Journal	Year
1.	Pradeep Kumar. H, Sakthivel. G, Shankar. S	Prevalence of Work Related Musculoskeletal Disorders Among Occupational Bus Drivers of Karnataka, South India	WORK: A Journal of Prevention, Assessment, and Rehabilitation	2020
2.	Pradeep Kumar. H, Sakthivel. G, Shankar. S	Occupational physical risk factors and prevalence of musculoskeletal disorders among the traditional lacquerware toy makers of South India	WORK: A Journal of Prevention, Assessment, and Rehabilitation	2020
3.	DasaradhaRamaiah. K Gangadhar. K Kannan, T, Sakthivel. G,	Unsteady free convective boundary layer flow of a nanofluid past a stretching surface using a spectral relaxation method	International journal of ambient energy- <i>Taylor and Francis</i>	2020
4.	Naveen Kumar, Sakthivel. G, Jegadeeshwaran. R Sivakumar. R, Saravana Kumar. D	Vibration Based IC Engine Fault Diagnosis Using Tree Family Classifiers-A Machine Learning Approach	IEEE explore	2019
5.	Alamelu Manghai, Jegadeeshwaran.R, Sakthivel .G, Sivakumar.R, Saravana Kumar.D	Condition Monitoring of Hydraulic Brake System Using Rough Set Theory and FUZZY Rough Nearest Neighbor Learning Algorithms	IEEE explore	2019
6.	Sakthivel. G Senthil Kumar. S, Ilankumaran. M	A genetic algorithm-based artificial neural network model with TOPSIS approach to optimize the engine performance	Biofuels-Taylor and francis	2019
7.	K.Shantisagar. K, Jegadeeshwaran. R, Sakthivel. G	Vibration Based tool insert health monitoring using decision tree and fuzzy logic	Structural Durability & Health Monitoring	2019
8.	Sakthivel. G, Sivaraja C.M, Ikua BW	Prediction of CI engine performance, emission and combustion parameters using fish oil as a biodiesel by fuzzy-GA	Energy -Elsevier	2019
9.	Graceson Jeriel F, Sakthivel. G Jegadeeshwaran.R	Impact of Adaboost and Support Vector Machine Classifier in Automotive Sector	Materials Science and Engineering-IOP	2019
10.	K Gangadhar, T Kannan, P Jayalakshmi, G Sakthivel	Dual solutions for MHD Casson fluid over a shrinking sheet with Newtonian heating	International Journal of Ambient Energy- <i>Taylor & Francis</i>	2018
11.	Sivaraja C.M,	Selection of optimum fuel blend to	Energy Sources,	2018

	Sakthivel. G, Vivek Ramesh Warke	empower the energy efficiency in IC engine using decision system	Part A:Recovery, Utilization, and Environmental Effects -Taylor & Francis	
12.	Navneet Bohara, Jegadeeshwaran. R, G.Sakthivel	Carbide Coated Insert Health Monitoring Using Machine Learning Approach through Vibration Analysis	International Journal of Prognostics and Health Management	2017
13.	Sakthivel. G, Sivakumar.R, Saravanan.N, Ikua BW	A decision support system to evaluate the optimum fuel blend in an IC engine to enhance the energy efficiency and energy management	Energy-Elsevier	2017
14.	G.Sakthivel, M.Ilangkumaran	Optimisation of CI engine performance with fish oil biodiesel using Taguchi-Fuzzy approach	International Journal of Ambient Energy- Taylor & Francis	2017
15.	Sakthivel. G, Ikua BW	Failure mode and effect analysis using fuzzy analytic hierarchy process and GRA TOPSIS in manufacturing industry	International Journal of Productivity and Quality Management - Inderscience	2017
16.	G.Sakthivel	Prediction of CI engine performance, emission and combustion characteristics using fish oil as a biodiesel at different injection timing using fuzzy logic	Fuel -Elsevier	2016