

S.No	Author(s)	Paper Title	Name of Journal	Year
1.	S. Senthilraja, R. Gangadevi, Hasan Kote, R.Marimuthu	Performance assessment of a solar powered hydrogen production system and its ANFIS model	Heliyon	2020
2.	S. Senthilraja, R. Gangadevi, M.Thirugnanam, Hasan Kote	Application of Taguchi method in the optimization of diesel engine parameters with CuO/water nanofluid coolant	International Journal of Mechanical and Production Engineering Research and Development	2020
3.	M.Thirugnanam, S. Senthilraja, R. Gangadevi, R. Marimuthu	Effect of load, time and temperature of water on water consumption and electrical energy consumption of washing machine: An Experimental study	International Journal of Mechanical and Production Engineering Research and Development	2020
4.	S. Senthilraja, R. Gangadevi, R. Marimuthu, M. Baskaran	Performance evaluation of water and air based PVT solar collector for hydrogen production application	international journal of hydrogen energy	2019
5.	R.Gangadevi, B.K.Vinayagam, S.Senthilraja	An experimental investigation of the effects of sonication time and volume concentration on the performance of PVT solar collector	IET Renewable power Generation	2018
6.	M.Thirugnanam, S.Senthilraja, R.Gangadevi, Romit Nag, G.V. Abhishek, Arnav Kumar	Advanced sway suppression control system of overhead crane	International journal of pure and applied mathematics	2018
7.	R.Gangadevi, B.K.Vinayagam, S.Senthilraja	Performance analysis of Photovoltaic /Thermal collector system using ZnO/water nanofluid	International journal of pure and applied mathematics	2018
8.	R.Gangadevi, B.K.Vinayagam, S.Senthilraja	Effects of sonication time and temperature on thermal conductivity of CuO/water and Al ₂ O ₃ /water nanofluids with and without surfactant	Materials Today: Proceedings	2018
9.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Influence of coolant temperature and volume concentration of nanofluid based coolants on exhaust emissions of diesel engine	Interciencia Journal	2018
10.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Effects Of Specific Fuel Consumption and Exhaust Emissions of Four Stroke	Achieves of Mechanical	2017

		Diesel Engine with CuO/Water Nanofluid as coolant	Engineering	
11.	Gangadevi R Vinayagam BK, Senthilraja S	Experimental Investigations of Solar Assisted Airconditioning System using Al ₂ O ₃ / Water Nanofluid	International journal of control theory and its applications	2016
12.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Preparation and Comparative study of effects of Sonication time and Temperature on thermal conductivity of Al ₂ O ₃ /Water and CuO/Water Nanofluids	Journal of Advances in Chemistry	2016
13.	Senthilraja S, Vijayakumar KCK, Gangadevi R	A comparative study on Thermal Conductivity of Al ₂ O ₃ /Water, CuO/Water And Al ₂ O ₃ – CuO/Water Nanofluids	Digest Journal of Nanomaterials and Bio structures	2015
14.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Study of forced convection heat transfer of different nanofluids in the radiator cooling system	International Journal of Applied Engineering Research	2015
15.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Experimental investigation of Heat transfer performance of different nanofluids using automobile radiator	Applied Mechanics and Materials	2015
16.	Senthilraja S, Vijayakumar KCK, Gangadevi R	Experimental investigation of heat transfer coefficient of CuO/Water nanofluid in double pipe heat exchanger with or without electric field	International Journal of Engineering and Technology	2014