



Hindusthan College of Engineering and Technology

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Valley Campus, Pollachi Highway, Coimbatore 641 032.



JOURNAL PUBLICATION

S.NO	Name of the author/s	Title of paper	Name of journal	Year of publication	ISSN number
2021-2022					
1	Mr.K.Mujiburrahman	Design and analysis of E-glass gear box housing in tractor and optimization of its design parameters	Materials Today: Proceedings	2022	2214-7853
2	Dr.Sankar Ganesh R	Design and Fabrication of Ceiling Fan Blades Cleaner	International Journal of Research in Engineering and Science	2022	2320-9364
3	Mr.Krishnaraj.J	Extraction and characterization of waste plastic pyrolysis oil for diesel engines	Journal of Cleaner Production	2022	2666-7916
4	Mr.SamuelGemsprim M	Experimental study on effect of nano Al ₂ O ₃ in physiochemical and tribological properties of vegetable oil sourced biolubricant blends	Digest journal of nanomaterials and biostructures	2022	1842-3582
5	Dr.Jeyalakshmi P.	Feasibility study on raw Simaroubaglauca oil as an alternate fuel in a diesel engine and comparative assessment with its esterified oil	Fuel	2022	0016-2361

6	Dr.Sabarinathan C	Physico Chemical and Mechanical Properties of Natural Cellulosic Water Hyacinth Fiber and Its Composites	Journal of natural fibers	2022	1544-046X
2020-2021					
1	Mr.NareshMallireddy, Mr.Yogaraja J	Modelling and Analysis of an EN8 crankshaft material in comparison with Forged steel crankshaft	Materials Today: Proceedings	2021	2214-7853
2	Mr.Naveen Raj D	Performance Investigation and Redesigning of Tractor Engine Muffler	Journal of Engineering Sciences	2020	0377-9254
2019-2020					
1	Mr.NareshMallireddy	Investigation of Microstructural, Mechanical and Corrosion Properties of AA7010-TiB2 in-situ Metal Matrix Composite	Science and Engineering of Composite Materials	2020	2191-0359
2	Dr.Sabarinathan C	Production of aluminum 6063 metal matrix composite with 12% magnesium oxide and 5% graphite and its machinability studies using micro electrochemical machining	Journal of New Materials and Electro Chemical Systems	2020	1480-2422
3	Mr.Samuel Gemsprim M	Tribological evaluation of vegetable oil-based lubricant blends	Materials Today: Proceedings	2020	2214-7853
4	Dr.Sabarinathan C	Wear and hardness investigation of cryogenic treated epoxy reinforced with hybrid nano composite	Digest Journal of Nanomaterials and Biostructures	2020	1842-3582
5	Dr.Sabarinathan C	Effect on tool life by addition of nanoparticles with the cutting fluid	Elsevier Materials Today: Proceedings	2020	2214-7853

2018-2019					
1	Dr.Sabarinathan, C.	Investigation on the thermal decomposition and the morphological properties of cryogenically treated MWCNTs	Digest Journal of Nanomaterials And Biostructures	2019	1842-3582
2	Dr.Jeyalakshmi P.	Characterization of Simaroubaglauca seed oil biodiesel: A comprehensive study	Journal of Thermal Analysis and Calorimetry	2019	1388-6150
3	Dr.Sabarinathan C	Novel patch shape design to repair $\pi/4$ quasi-isotropic E-glass/epoxy laminate under uniaxial tensile loading condition	Polymers and Polymer Composites	2019	1842-3582
2017-2018					
1	Dr.Sabarinathan C.	Enhancement of mechanical properties of epoxy hybrid nanocomposites through hybridization of carbon nanotubes and alumina nanoparticles	Digest Journal of Nanomaterials and Biostructures	2018	1842-3582
2	Dr.Sabarinathan C	Wear and Friction Behavior of Basalt Nanofillers Reinforced Epoxy Nanocomposites	Journal of the Balkan Tribological Association	2018	1875-6786
2016-2017					
1	Mr.Krishnaraj J	Combustion Simulation and Emission Prediction of Different Combustion Chamber Geometries Using Finite Element Method	Materials Today: Proceedings	2017	2214-7853
2	Mr.Krishnaraj J	Experimental Investigation on LPG + Diesel Fuelled Engine with DEE Ignition Improver	Materials Today: Proceedings	2017	2214-7853
3	Dr.Sankar Ganesh R	Optimization of combustion bowl geometry for the operation of grape seed oil methyl ester – diesel mixes in a stationary diesel engine	Journal of advances in chemistry	2017	12321-807X

4	Dr.Sankar Ganesh R	Influence of combustion chamber bowl geometry on combustion, performance and emission characteristics of a diesel engine using grape seed oil methyl ester	Thermal Science	2017	0354-9836
5	Dr.Jeyalakshmi P.	Biodiesel production from two stage esterification of simaroubaglauca seed oil and its characterization	Energy sources part a-recovery utilization and environmental effects	2016	1163-1168
6	Dr.Sankar Ganesh R	Experimental investigations on direct injection diesel engines using grape seed oil methyl ester with different bowl geometries	International Journal of Green Energy	2016	1543-5075