



**DHIRAJLAL GANDHI  
COLLEGE  
OF TECHNOLOGY**

**DEPARTMENT OF  
MECHANICAL  
ENGINEERING**



## JOURNAL PUBLICATIONS

S.No.	Name of the Staff / Students	Title of the Paper	Journal Name
<b>2013 - 14</b>			
1	V.Ravikumar	Reduction of NOX emission on NiCrAl-Titanium Oxide coated direct injection diesel engine fuelled with radish (Raphanus sativus) biodiesel	Journal of Renewable and sustainable energy
2	R.Meenakshi	Experimental investigations and Optimization of Machining Parameters on Alloy 10100 OFE/OFHC by Wire EDM	International journal of Applied Engineering research
<b>2014 - 15</b>			
3	V.Ravikumar	Exhaust Gas Recirculation in CI Engines	International journal for research in Applied Science and Engineering Technology
4	Dr.C.Venkatesh	Investigation of Influence of Process Parameters over the Mechanical Properties and Microstructure of Friction Stir Welded AL203 and SiC reinforced Hybrid Aluminium composite Joints	International journal of Applied Engineering research
5	V.Ravikumar	Performance and Emission Evaluation of an Al-20% SiC Coated Diesel Engine Fuelled with Radish Biodiesel	Advances in Natural and Applied Sciences
<b>2015 - 16</b>			
6	Dr.N.Sundaramoorthy	Performance and Emission Evaluation of an Al-20% SiC Coated Diesel Engine Fuelled with Radish Biodiesel	Advances in Natural and Applied Sciences

<b>S.No.</b>	<b>Name of the Staff</b>	<b>Title of the Paper</b>	<b>Journal Name</b>
7	V.Ravikumar	Experimental Investigation of Evaporation Rate and Exhaust Emissions of PSZ-Coated DI Diesel Engine Using Radish Biodiesel and its Blend with Diesel	International Journal of Ambient Energy
8	Yuvanarasimman P	A Detailed Review and Approach on Prediction of Ductile Fracture Behavior of Materials Using ANN and DOE Techniques	Advances in Natural and Applied Sciences
9	S.Saravanan	Wear Behavior of MMC's by stir casting process	SS International Journal of Multidisciplinary Research
10	Dr.N.Sundaramoorthy	Small Arms Aqua Harvester for Aquatic Weeds Management in India	Indian Journal of Science
11	R.Meenakshi	Tribological Behavior of Refractory and reactive Metal Carbide Reinforced copper composites	International journal of Advanced Engineering Technology
12	S.Manoj Merrvin Max	Experimental investigation on Copper cooled specialized direct contact Heat Exchanger (cooling tower)	Conference on Frontiers of current trends in Engineering and Technology
13	G.Kavin	Experimental investigation on Copper cooled specialized direct contact Heat Exchanger (cooling tower)	Conference on Frontiers of current trends in Engineering and Technology
14	T.Jayachandran	Study on power generation using Ni45Co5Mn40Sn10 alloy in thermal power plants	Materials Today: Proceedings- Advances in Refractory and Reactive Metals and Alloys (ARRMA 2016)
15	Dr.N.Sundaramoorthy	Effect of Optimizing Nozzle Position in Jet Mixer using Hydrodynamic Studies	International journal of Science and Engineering Invention

<b>S.No.</b>	<b>Name of the Staff</b>	<b>Title of the Paper</b>	<b>Journal Name</b>
<b>2016 - 17</b>			
25	P.Senthil Kumar	Frictional Analysis of Cylinder Liner and Piston Ring with Optimization of chamfer Angle using Taguchi Design Method	International journal on recent Technologies in Mechanical and Electrical Engineering
26	Dr.A.Selvaraj	Frictional Analysis of Cylinder Liner and Piston Ring with Optimization of chamfer Angle using Taguchi Design Method	International journal on recent Technologies in Mechanical and Electrical Engineering
27	S.Bharathkumar	Design and Fabrication of Sheet Metal Cutter-Cutting Circular Profile Using Radial Drilling Machine	International journal on recent Technologies in Mechanical and Electrical Engineering
28	N.Maniselvam	Design and Fabrication of Sheet Metal Cutter-Cutting Circular Profile Using Radial Drilling Machine	International journal on recent Technologies in Mechanical and Electrical Engineering
29	M.Chandru	Design and Fabrication of Sheet Metal Cutter-Cutting Circular Profile Using Radial Drilling Machine	International journal on recent Technologies in Mechanical and Electrical Engineering
30	A.M.B.Raheeb Basha	Design and Fabrication of Sheet Metal Cutter-Cutting Circular Profile Using Radial Drilling Machine	International journal on recent Technologies in Mechanical and Electrical Engineering
<b>2019 - 20</b>			
31	A.Inbasekaran	Design & Modification of Shovel in Five Tyne Cultivator using Finite Element Analysis	International Research Journal of Engineering and Technology