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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2017 – 2018

PAPER PUBLICATION BY FACULTY

S.No	Name of Author	Title	Journal Name	Indexed
1)	Dr.M.Balsubramanian	Effect Of Abrasive Jet Process Parameters On Machining Glass Fibre Reinforced Polymer Composites DOI: 10.1002/mawe.201600744	Mat-Wiss.U.2017 Wiley _Vch Vol48(1-13)	Scopus
2)	Dr.M.Balsubramanian	Characterization Of Friction Welded Titanium Alloy And Stainless Steel With A Novel Interlayer Geometry DOI: 10.1142/S0218625X17500640	Surface Review And Letters	Scopus
3)	Dr.M.Balsubramanian	Influence of Nozzle Design and Process Parameters on Surface Roughness of Cfrp Machined by Abrasive Jet DOI:10.1080/10426914.2016.1257132	Materials and Manufacturing Processes	Scopus
4)	Dr.M.Balsubramanian	Eccentric-Weave Friction Stir Welding Between Cu And Aa 6061-T6 With Reinforced Graphene Nanoparticles DOI: 10.1080	Materials And Manufacturing Processes	Scopus
5)	Dr.M.Balsubramanian	Friction stir weave welding (FSWW) of AA6061 aluminium alloy with a novel tool-path pattern. DOI:10.1080/14484846.2017.1373584	Australian Journal of Mechanical Engineering	Scopus

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6)	Dr.M.Balsubramanian	Friction Stir Welding of Dissimilar Butt Joints with Novel Joint Geometry DOI: 10.12693/APhysPolA.133.94	ACTA PHYSICA POLONICA AVol. 133 (2018)	Scopus
7)	Dr.P.K.Devan	Suitability Of Twisted Natural Fibre Calotropis Gigantea In Automobile Interior Components DOI: 10.1504/PIE.2017.091301	Progress In Industrial Ecology	Scopus
8)	Dr.T.G.Loganathan K.Vinoth Kumar	Comparative structural vibration analysis of machinery and GFRP with Al7075	MATEC Web of Conferences	Scopus
9)	Mr. Senthil Gavaskar Dr.S.Senthil Kumar	A Comparative Study On Traditional And Computerized Method Of Brinell Hardness Measurement	International Journal Of Trendy Research In Engineering And Technology	Google Scholar
10)	Mr.C.Bibin Mr.K.Vinoth Kumar Mr.Murugapandi.D Mr.Rupchander	Fabrication Of An Offroad Hybrid Vehicle	International Journal Trendy Research In Engineering And Technology (Ijtret) Vol1(04-08)	Google Scholar
11)	Mr.C.Bibin	Energy Analysis Of A Di Diesel Engine Fueled With Punnai Oil Methyl Ester And Its Diesel Blends	International Journal Trendy Research In Engineering And Technology (Ijtret) Vol 05	Google Scholar
12)	Mr.C.Bibin	Experimental Investigation On Performance Analysis Of Blends Of Two Different Methyl Esters As Fuel In Ci Engine	International Journal Trendy Research In Engineering And Technology (Ijtret)	Google Scholar
13)	Mr.C.Bibin	Performance Analysis Of A Diesel Engine Fueled With Punnai Oil Methyl Ester And Its Diesel Blends	International Journal Trendy Research In Engineering And Technology (Ijtret)	Google Scholar
14)	R.Rajesh	Extraction Of Biodiesel From Sunflower Oil And Evaluating Its Performance And Emission Characteristics In Di Diesel Engine	International Journal Of Trendy Research In Engineering And Technology	Google Scholar

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15)	R.Rajesh	Modification And Ergonomic Improvement Of Geared Two Wheeler For Handicaps	International Journal Of Trendy Research In Engineering And Technology	Google Scholar
16)	R.Rajesh	Investigation Of Modified Engine Operated Using Compressed Air	International Journal Of Science Technology & Engineering	Google Scholar
17)	Vasa Ramu	Performance Analysis Of Steam Turbine In Thermal Power Plant	International Journal Of Trendy Research In Engineering And Technology	Google Scholar
18)	Mr.R.Ashok Kumar Mr.K.Vinoth Kumar Mr.R.Venkatesh Mr.M.Mayazhan	Design Of Lift Axle Suspension System	International Journal Trendy Research In Engineering And Technology (IJTRET) VOL1 (12-15)	Google Scholar
19)	Mr.S.Senthil Gavaskar, Dr.S.Senthil Kumar, Mr.B.Suresh Menan	Analysis And Optimization Of Pressure Reduction And Desuperheating System In Thermal Power Plant	International Journal Of Engineering Technology Science And Research (Ijetsr) Volume 4, Issue 10 October 2017	Google Scholar
20)	Mr.R.Ashok Kumar Mr.R.Hemanth Kumar Mr.S.Abdul Wahaab Mr.M.John Britto Mr.S.Sanjeevi	Influence of Sic on tribological and mechanical Properties of Aluminium based metal matrix composites for brake drum Applications	International Research journal of automotive technology Volume 1-2018 Page No-55-62	Google Scholar