



PAPER PUBLISHED BY FACULTY

ACADEMIC YEAR 2014 – 2015

SL.NO	NAME OF THE FACULTY	TOPIC	JOURNAL / CONFERENCE
1)	Dr.M.Balasubramanian Dr.P.K.Devan Mr.C.Bibin Mr.S.Gopinath	Experimental Study and Optimization of Injection Parameters for a Bio-Diesel using Taguchi Method	International Journal of Applied Engineering Research, Vol 9, PP 9292-9296
2)	Dr.M.Balasubramanian	Comparative study of Ti alloy and stainless steel friction welded joints with different interlayer process methods	Applied Mechanics and Materials, Vol 766-767, PP739-744,2015
3)	Dr.M.Balasubramanian	Prediction of Optimum Weld Pool Geometry of PCTIG Welded Titanium Alloy Using Statistical Design.	Engineering Science and Technology,2015
4)	Dr.M.Balasubramanian	Analysis of AlSi CNT composite coating on Al6061 and SS304L substrate by plasma spray	Applied Mechanics and Materials,
5)	Dr.M.Balasubramanian Mr.Hemadri Chadalavada	Six Sigma Implementation in a Manufacturing Unit-A Case Study, Int. J. of Productivity and Quality Management	Inderscience Publication
6)	Dr.M.Balasubramanian	Characterization of Diffusion Bonded Titanium Alloy and 304 Stainless Steel With Ag as an Interlayer	International Journal of Advanced Manufacturing Technology
7)	Dr.M.Balasubramanian	Application of Box-Behnken Design for Fabrication of Titanium Alloy and 304 Stainless Steel joints with Silver Interlayer by Diffusion Bonding	Materials and Design
8)	Dr.M.Balasubramanian	Application of Response Surface Methodology to Optimize Process Parameters in Friction Welding of Ti-6Al-4V and SS304L Rods	Transactions of Non ferrous Metals Society of China
9)	Dr.M.Balasubramanian	Development of Processing Windows for Diffusion Bonding of Ti-6Al-4V Titanium Alloy and 304 Stainless Steel with Silver as an Intermediate layer	Transactions of Non ferrous Metals Society of China
10)	Dr.Devan P. K. Mr.S.Senthil Gavaskar Mr.T.G Loganathan	Failure Analysis of Brake System in Light Commercial Vehicles using SQC Tools	International Journal of Engineering Research and Technology

11)	Dr.Karthik P Mr.Vinoth Kumar. K Mr.D.SaiPrashanth(S)	Tribological Behavior of Flyash Based Composites	International - Journal of Applied Engineering Research
12)	Mr.T.G.loganathan	Effect of Cyclic Loading frequency on Flexural Modulus of GFRP laminates with resin rich intermediate layers	Applied Mechanics and Materials,Vol1787,PP 543-547
13)	Mr.S.Senthil Kumar Mr.V.MuthuKumaran (S) Mr. R.Arun (S)	Review on emission and characteristics of a diesel engine fuelled with rubber seed oil based biodiesel	IOSRD international Journal of Engineering Vol1, PP 09-15
14)	Mr.S.Senthil Kumar	The effect of cotton cloths on the performance of the solar still	Applied Mechanics and materials Vol1787,PP182-186
15)	Mr.S.Senthil Kumar	Evaluation of Statistical Study of Droplet Fragmentation In CI Engine Under Lower Injection Velocity	International Journal of Applied Engineering Research,Vol10,2015,PP7765-7776
16)	Mr.Senthil Gavaskar S Mr.N.Nirmal Mr.A.Vignesh (S) Mr.S.Vignesh (S)	Optimizing the Lead Time and Cost of Progressive Tool	International Journal for Scientific Research & Development
17)	Mr.Bibin C	Thermal analysis of exhaust waste heat recovery from diesel engine	International Journal of Applied Engineering Research,Vol9.No26,2014,PP9412-9415
18)	Mr Bibin C Mr Gopinath S Mr Aravindhan, N. Mr Krishna Kumar M	Vision-Based Position and Orientation Estimation of an Aerial Vehicle	International Journal for Scientific Research & Development
19)	Ms.Renugadevi K., Dr.Devan P.K., Mr.Gopinath S	Determination of Non Linear Displacement in Cylindrical shell structures Using Abaqus Software	International Journal of Applied Engineering Research
20)	Mr.Ashok Kumar R., Mr.Vinoth Kumar K., Mr.Arun kumar S	Stress and Stain Analysis of Robot Arm	International Journal for Scientific Research & Development
21)	Mr.Ashok Kumar R Mr.N.D.Sisir Kumar (S) Mr.S.Nirmal Prasanth (S) Mr.E.Vijay Vignesh(S)	Optimization of Flow Bore on Ball Valve Assembly by Using 7 New Quality Tools	International Journal for Scientific Research & Development
22)	Mr.Hemadri Chadalavada. Mr.Ashok Kumar R	Production Lead Time Reduction in a Battery Manufacturing Unit using Lean Manufacturing	International Journal of Engineering Research & Technology
23)	Mr.Rajesh K., Mr.Sadasivan N., Mr.Aravindhan, N., Mr.Balajikrishnabharathi A.,	Investigation and recommendation of exhaust manifold damage through conjugate heat transfer analysis	International Journal for Scientific Research & Development

24)	Mr.Aravindh N., Mr.Rajesh K., Mr.Sadasivan N., Mr.Krishnakumar M	Optimizing the Level of Inventory by Reducing Uncertainty in Production Management under Variable Demand	International Journal for Scientific Research & Development
25)	Mr.Gopinath S	Experimental Investigation On Injection Parameters Using Taguchi	IOSR Journal of Mechanical and Civil Engineering
26)	Mr.Gopinath.S., Mr.Bibin C., Mr.Devan P.K., Dr.Balasubramanian M	Performance and combustion characteristics test on VCR diesel engine	International Journal of Applied Engineering Research Vol.10, No.11, 2015.
27)	Mr.S.Gopinath Mr.C.Bibin	Optimizing the various Parameters for BioDiesel Production By Transesterfication	International Journal of Applied Engineering Research and Technology