

Department of Mechanical Engineering, University College of Engineering, Osmania University.

Sl. No.	Author	Publication Type	Title	Year of Publication	Total Citation	National/ International
[1]	[2]	[3]	[4]	[5]	[6]	[7]
Input type	Name of Author in the format Last name, first name, middle name	Journal article/book /book chapter	Full title of the article/chapter in book/book	YYYY	YYYY	Nat./inter.
1.	Prof A Krishnaiah	IJERT	Design of Roll Bond Evaporator for Room Air Conditioner,	2015-16		International
2.	Prof A Krishnaiah	IJRSET	Evaluation Of Inside Heat Transfer Coefficient of Roll Bond Evaporator for Room Air Conditioner,	2015-16		International
3.	Prof A Krishnaiah	IJRET	A Practical Approach to Eliminate Defects in Gravity Die Cast Al-Alloy Casting Using Simulation Software,	2015-16		International
4.	Prof A Krishnaiah	IJERMT	Experimental Investigations on Kerf width and Material Removal Rate in Wire Electric Discharge Machining of Titanium Alloy,	2015-16		International
5.	Prof A Krishnaiah	IJERA	Effect of Composition of Sand Mold on Mechanical Properties and Density of Al-Alloy Casting Using Taguchi Design Approach	2015-16		International

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6.	Prof A Krishnaiah	IJARSE	Influence of Sand Molding Process Parameters on Product Quality of Al-Si Alloy Casting-An Anova Approach,	2015-16		International
7.	Prof A Krishnaiah	IJERMT	Experimental Investigations on Kerf width and Material Removal Rate in Wire Electric Discharge Machining of Titanium Alloy”,	2015-16		International
8.	Prof A Krishnaiah	IJERT	Experimental investigation on Transient State Performance of Natural Circulation Loop. In International Journal of Engineering Research & Technology, 2016. 5(6): p.15-18.			International
9.	Prof A Krishnaiah	IJERA	Investigation on Natural Circulation Loop with Nanofluid. Int. Journal of Engineering Research and Application, 2016. 6(3): p.53- 58			International
10.	Prof A Krishnaiah	Proceedings of Elsevier Journal “Materials Today: Proceedings	Experimental investigation on the preparation and applications of Nanofluids, at 4 th international conference on Materials processing and characterisation	2015-16		International

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11.	Prof P Laxminarayana	IJESR	Design and Analysis of Welded Joints of Pressure Vessel,	2015-16		International
12.	Prof P Laxminarayana	IJTE	The Effects of SiC Particle Addition as Reinforcement in the weld Zone during Friction Stir Welding of Magnesium Alloy AZ31B, IRA	2015-16		International
13.	Prof P Laxminarayana	JME	Experimental Investigation on Sic and Al ₂ O ₃ Reinforced Friction Stir Welded Joint of Aluminium Alloy 6061,	2015-16		National
14.	Prof Sriram Venkatesh	JPEM	Inkjet Printing of Yttria Stabilised Zirconia Nano Particles on Metal Sbstrates,	2015-16		International
15.	Prof Sriram Venkatesh	IJMER	Influences of Submerged Arc Welding Process Parameters on Bead Geometry of low carbon alloy Steel;	2015		International
16.	Prof Sriram Venkatesh	JIE, Springer	Performance Evaluation of Various STL File Mesh Refining Algorithms Applied for FDM-RP Process;	2015		International
17.	Prof P UshaSri	IJMIT	Transition Temperature behavior in Pan Based Composite Materials with and without SIC Filler,	2015		International
18.	Prof P UshaSri	IOSR- JMCE	Magneto Static Analysis of Magneto Rheological Fluid Clutch,	2015		International
19.	Prof P UshaSri	IJAIEM	Control Of Pollution Levels of Four Stroke Spark Ignition Engine Fuelled With Methanol Blended Gasoline,	2015		International

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20.	Prof P UshaSri	IJCET	Control of Aldehydes with Copper Coated Four Stroke Spark Ignition Engine with Methanol Blended Gasoline with SCR Technique,	2015		International
21.	Prof P UshaSri	proceedings of ASME-IMEC	Effect of spark ignition timing on copper coated spark ignition engine with alcohol blended gasoline with catalytic converter,	2015		International
22.	Prof P UshaSri	JMIE	Influence of injection timing on performance parameters of high grade semi adiabatic diesel engine with cotton seed,	2015		International
23.	Prof P UshaSri	TJRPC	Influence of injection timing on performance parameters and combustion characteristics of high grade semi adiabatic diesel,	2015		International
24.	Prof P UshaSri	IJREAS	Influence of preheating on performance parameters and combustion characteristics of high grade semi adiabatic diesel engine with cottonseed biodiesel,	2015		International
25.	Prof P UshaSri	IJRSET	Effect of Injection Pressure and Timing on Performance Parameters and Exhaust Emissions of High Grade Semi Adiabatic Diesel Engine with Cotton Seed Biodiesel,			International
26.	Prof P UshaSri	IJTT	Impact of Injection Pressure on Performance Parameters of High Grade Semi Adiabatic Diesel Engine with Cotton Seed Biodiesel,	2015		International

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27.	Prof P UshaSri	IJMET	Experimental investigations on performance parameters of high grade semi adiabatic diesel engine with cotton seed biodiesel,	2015		International
28.	Prof P UshaSri	IJSER	Experimental investigations on exhaust emissions of high grade semi adiabatic diesel engine fuelled with cotton seed biodiesel	2015		International
29.	Prof P UshaSri	IJAEM	Effect of Injection Pressure On Performance Parameters And Combustion Characteristics Of High Grade Low Heat Rejection Diesel Engine With Preheated Cotton Seed Biodiesel,	2015-16		International
30.	Prof P UshaSri	IJAUE	Effect of injection pressure on performance parameters and combustion characteristics of high grade semi adiabatic diesel engine with cotton seed biodiesel,	2015		International
31.	Prof P UshaSri	IJCET	Studies on Influence of Injection Pressure on Performance Parameters of Diesel Engine with High Grade Insulated Combustion Chamber with Crude Jatropha Oil Operation,	2015		International
32.	Prof P UshaSri	Elsevier reviews	Experimental investigations on direct injection diesel engine with ceramic coated combustion chamber with carbureted alcohols and crude jatropha oil,	2015		International
33.	Prof P UshaSri	IJCET	Influence of Injection Timing on Exhaust Emissions and Combustion Characteristics of Low Heat Rejection Diesel Engine with Air Gap	2015-16		International

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			Insulation,			
34.	Dr Chandra Sekhar Reddy	IJARET	Thermal Stress Analysis of a ball bearing by FEM,	2015-16		International
		IJMET	Design and Analysis of steam turbine rotor,	2015-16		International
35.	Dr P Ramesh Babu	IJMEA	Volume of Material removal on distortion in machining thin wall thin floor components in International Journal of Mechanical Engineering and Applications, Aug, 2015			International
			Effect of a milling cutter diameter on distortion due to the machining of thin wall thin floor components in			International
		Advances in PEM	A Theoretical and Experimental Study of Flow Induced Pipe Vibrations with Guided end conditions,			National
		HPJ				

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36.	Dr K Saraswathamma	Proceedings of material Today	Design of Parallel Plate Magnetorheometer for evaluation Rheological properties of Magnetorheological polishing fluid,	2015-16		International
37.	Dr Narsimhulu Sanke	IJMETMR IJMETMR IJSER	Heat Transfer Analysis of a Riser Tube in a Flat Plate Collector with Fins, CFD Analysis of Winglets for Horizontal Axis Wind Turbine, Efficiency Estimation of the Turbocharger Compressor Wheel,	2015-16		International
38.	Dr B Hadya	IJMEA IJREAS	Performance Assessment of HFC Group Refrigerants in Window Air Conditioning System”, Simulation of air- conditioning system components and comparison of performance for three different refrigerants,	2015-16		International
39.		LAMSYS	Design Optimization of a Nanosatellite Structure and Prototype Manufacturing Using FDM Rapid Prototyping Process,	2015-16		National Conference International

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	Dr L Siva Rama Krishna	Springer Series –C Journal	Performance Evaluation of Various STL File Mesh Refining Algorithms Applied for FDM-RP Process			International
		IJER	A Review On The Effect Of Various Process Parameters In Cold Metal Transfer Welding (CMT)			International
		JOP conference series	With E Madhusudan Raju and V Nageswara Rao , Effect of Link Flexibility on tip position of a single link robotic arm,			International
		Int Conference	Topology optimization using solid isotropic material with penalization technique for additive manufacturing			
40.	Mr G Narender	IJERT	Experimental investigation on Transient State Performance of Natural Circulation Loop.	2015-16		International
		IJERA	Investigation on Natural Circulation Loop with Nanofluid. Int. Journal of Engineering Research and Application, 2016. 6(3): p.53- 58.			International
			Experimental investigation on the preparation and			

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		Elsevier Journal : materials today proceedings	applications of Nanofluids			International
41.	Mrs. nagaveni	MSR	Preparation and characterization of Si3N4-BN ceramic composites by Gelcasting”,	2015-16		National
42.	Prof A Krishnaiah	Procedia technology IJERT	With Dr. R. Rajendra , published paper on Performance Evaluation of Machine Tool Probe for In-process Inspection of 2D and 3D Geometries in <u>Procedia Technology, Volume 14</u> , 2014, Pages 244–251 With Mr. G. Narender presented paper on, Experimental Investigation on Natural Circulation Loop with Different States of Loop Fluid at the Starting of Activation of the Circulation Loop,			

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43.		<p>Proceedings of ETIME</p> <p>Proceedings of ETIME</p> <p>Proceedings of ETIME</p>	<p>Defect prediction in Friction Stir Welding using Zener Hollomon Parameter</p> <p>Effect of process parameters on machining glass by abrasive jet machine- A study</p> <p>Preparation and Characterization of Nanofluids for use in Natural Circulation Loop,</p>	2014-15		National
44.	Prof Sriram venkatesh	IJMER	Inkjet Printing for fabrication of porous films,	2014-15		International
45.	Prof P Ushasri	IJCT	Experimental Investigations on Performance Parameters of Diesel Engine with Ceramic Coated Insulated Combustion Chamber with Jatropa Oil with Varied Injection Pressure	2014-15		International

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		IJMET	Computational Analysis Of Centrifugal Compressor With Grooves On Casing			
		IJB	Studies on exhaust emissions of air gap insulated DI diesel engine fuelled with crude cotton seed oil and its biodiesel in International Journal of British, (UK), ISSN: 2349-9419,. 12/2014; December, 1(4). 50-60			
		IJRACH V	With Mr.B. Hadya , published paper on “Experimental Evaluation of Environmental Friendly and Low Global Warming Refrigerants as an Alternative Option for Window Air Conditioning System”			
		IJCET	Studies on Performance Parameters of Di Diesel Engine with Low Grade LHR Combustion Chamber Fuelled with Cottonseed Biodiesel			
		IJAET	Studies on Performance Paramters of Di Diesel Engine with Medium Grade LHR Combustion Chamber Fuelled with Cottonseed Biodiesel			
			Studies on Exhaust Emissions of Air Gap Insulated Di Diesel Engine Fuelled with Cotton			

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			Seed Biodiesel in			
		IJCET	Studies on Exhaust Emissions of Ceramic Coated DI Diesel Engine Fuelled With Cotton Seed Biodiesel in			
		IJMET	Effect Of Tip Clearance on a Centrifugal Compressor in			
		IJMET	Experimental Investigations of Comparative Performance and Exhaust Emissions of Cottonseed Biodiesel Fuelled DI Diesel Engine with Low Grade LHR Combustion Chamber			
		IJAIEM	Heat Transfer Rate Improvement of a Parabolic Trough Solar Collector in Global Journal of Engineering Research and Technology,			
		GJERT	Studies on Exhaust Emissions of Diesel Engine with Ceramic Coated Combustion Chamber with Carbureted Methanol And Crude Jatropha Oil With Mr.B. Hadya , “Simulation of Air-Conditioning Compressor with Different Refrigerants and to Retrofit in Existing (HCFCs -			

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		IJMET	22) Air-Conditioning Systems” Performance Evaluation of a Low Heat Rejection Diesel Engine with Jatropha Oil			
		IJTT				
		IJSER				
46.	Dr Rajendra	Sadhana	Analysis of double support phase of biped robot and multi objective optimization using Genetic algorithm and Particle Swarm Optimisation,			National
47.	Dr M Chandrasekhar Reddy	Elsevier IMC	Detection and monitoring of Coupling Misalignment in Rotors using Torque Measurements, Measurement: Journal of the International Measurement Confederation (ELSEVIER) 61, pp. 111-122, (2015)	2014-15		National

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48.	Dr P Ramesh babu	ASME International Conference IMECE -2015.	An Experimental Study of Flow Induced Vibration of Elastically Restrained Pipe Conveying Fluid”	2014-15		National
49.	Dr K Saraswathamma	IJMMP Journal precession Engg	Rheological characterization of MR polishing fluid for Si polishing Experimental Investigation into Ball End Magnetorheological Finishing of Silicon Precision Engineering,	2014-15		International
50.	Dr Narsingulu Sanke	GJERT GJERT	Performance analysis of flat plate collector with modified risers, Effect of pitch angle on horizontal axis wind turbine,	2014-15		Interantional
51.	Dr L Siva Rama Krishna	IJESI	A Simulation Based Approach for Studying the Effect of Buffers on the Performance of an FMS in the	2014-15		

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		IJREAT Nat Conferen ce ETIME procedin gs	Optimization and Simulation of Facility layout Using Merger Coefficient Formulae-A Case Study With Mr.E.Madhusudan Raju & Mr V Nageswara Rao published a paper titled, “Analysis of Tip Position of a Single Link Flexible Robotic Arm”			
52.	Mrs Nagaveni	IJACT	Development of Silicon Nitride-Based Ceramic Radomes — A Review”,	2014-15		international
53.	Mr G Venkateswarlu	Procedi ngs ICAMS	Evaluation of Mechanical Properties of AL Alloy 6061	2014-15		International
54.	Mr G Narender	Proceeding s of ETIME	Preparation and Characterization of Nanofluids for use in Natural Circulation Loop,	2014-15		National
55.	Prof Sriram Venkatesh	IJMERR	Design And Development Of Prototype Mobile Robot For Identification Of Defects In Pipelines”	2013-14		International

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56.	Prof P Laxminarayana	IJAMR	cutting characteristics of titanium graphite composite by electrical discharge machining” with K.Buschaiah , Integrity of EDM _{ed} Job Surfaces”			
57.	Dr Arkanti Krishnaiah	IJMPE	Optimization of Electric Discharge Machining Response Variables using Design of Experiments”, The Study of Plastic Deformation behaviour of IF Steel during Equal Channel Angular Pressing through 120° die angle by FEM, Investigation on Mechanical and Microstructural Behaviour of Friction Stir Weldments of ZE42 Magnesium Alloy”			International
58.		IJAERD	Performance Evaluation Of Crude Jatropha Oil in A LowGrade Low Heat Rejection Diesel Engine” Comparative studies on Performance, Emissions and Combustion Characteristics of Jatropha Oil in			International

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	Dr P Usha Sri	IJITEE	<p>Crude Form and Biodiesel in a Medium Grade Low Heat Rejection Diesel Engine</p> <p>Dr P Ushasri published paper titled “Analysis of transport properties for hydro Fluorocarbon (HFCs) refrigerant for air –Conditioning system”,</p> <p>Comparative Performance of High Grade Low Heat Rejection Diesel Engine with Jatropa Oil in Crude Form and Biodiesel Form”</p>			
		IJARET	<p>Exhaust Emissions and Combustion Characteristics of Jatropa Oil in Crude Form and Biodiesel of Low Heat Rejection Diesel Engine”</p> <p>Simulation of air – conditioning system and transport properties for alternative refrigerants”,</p>			
		IJSCEEI	<p>Performance of Biodiesel in Low Heat Rejection Diesel Engine with Catalytic Converter</p>			
		IJSCEEI	<p>Performance Evaluation of a Low Heat Rejection Diesel Engine with Jatropa”</p> <p>Potential of a medium grade low heat rejection diesel engine with crude jatropa oil”</p> <p>A Comparative Study of the Performance of a Low Heat Rejection Engine with Three different Levels of Insulation with Vegetable oil Operation”.</p>			
		Con proceedings	<p>Performance Evaluation of a Low Heat Rejection</p>			

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		RITS IJEAT IJEI IJAET AME IJEI	Diesel Engine with Atropy”			
59.	Dr R Rajendra	Peripex Indian JR IJARET	Simulation of stress and forces on single point cutting tool on the onset of turning operation” Comparative study on variation of process characteristics on Al and Die Steel components in sink EDM process			International

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60.	Dr P Ramesh Babu	IJMET IJASER	“Cutting Parameter Optimization For Minimizing Machining Distortion Of Thin Wall Thin Floor Avionic Components Using Taguchi Technique” Understanding the challenges in machining thin walled thin floored Avionics components			International
61.	Dr M Chandrasekhar Reddy	IJASE	Application of artificial Neural networks for identification of unbalance and looseness in rotor bearing system			International
62.	Mr Narsimhulu Sanke	GJRET GJRET	Performance analysis of parabolic trough collector for steam generation ” Temperature analysis of riser tubes in a solar flat plate collector			International
63.	B Hadya	IJARET	analysis of transport properties for hydro-flouro carbon reorients for air conditioning system			International
64.	Mr G Venkateswarlu	IJESIT IJARET	Experimental investigation on spinning of Aluminum Alloy 19500 cup Study on the Mechanism of Force Calculations in Flow Forming: A Review			International