

LIST OF JOURNAL PUBLICATIONS MECHANICAL ENGINEERING

YEAR	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
TOTAL JOURNALS	21	12	29	33	31	23

Journal Publications National and International					
Title of paper	Name of the authors	Department Of the teacher	Name of journal	Year of Publication	ISBN /ISSN number
2012-13					
Prediction of Optimal Cutting Parameters for High Speed Dry Turning of Inconel 718 using GONNS.	B. Satyanarayana, Dr. G. RangaJanardhana, B. Hanumanth Rao, R. R. Kalyan.	Mechanical Engineering	International Journal Of Mechanical Engineering And Technology	2012	ISSN 0976-6340(Print) ISSN: 0976-6340 ISSN: 0976-6359
Miniature Specimens for Cortical-Bone Tests.	Dr. S.P. Paruchuru, C. M. Agrawal.	Mechanical Engineering	Trends in Biomaterials and Artificial Organs International Journal.	2012	ISSN:0971-1198 (Print) ; 0971-1198
Quality Improvement Techniques for Rejection Control in Heavy Electrical Manufacturing Industry – A Case Study.	Dr. S.V.S.S. Raju, K. Kodanda Ram, Mohd. AtherMohiuddin.	Mechanical Engineering	International Journal of Mechanical Engineering (IJMAE)	2012	ISSN: 2319-2240
Experimental	M.S. Srinivasa	Mechanical	International	2012	ISSN:

Study of Weld Characteristics during Friction Stir Welding(FSW) of Aluminum alloy (AA6061-T6).	Rao, Dr. B.V.R. Ravikumar, Dr. M. Manzoor Hussain.	Engineering	Journal of Research In Engineering and Technology.		2319-1163
Material Characterization of 6061 Al-Si Cp Metal Matrix Composites.	T. Prasad, A. Chennakeshav Reddy, T. Tirupathi.	Mechanical Engineering	International Journal of Mathematical Sciences, Technology and Humanities	2012	ISSN 2249-5460
Optimization Of Design And Operating Parameters On The Year Round Performance Of A Multi-Stage Evacuated Solar Desalination System Using Transient Mathematical Analysis.	P. Vishwanath Kumar, Ajay Kumar Kaviti, Om Prakash, K.S.Reddy.	Mechanical Engineering	International Journal of Energy and Environment.	2012	ISSN 2076-2895
Integration of Control Charts and Data Mining for Process Control and Quality Improvement.	E.V.Ramana, P. Ravinder Reddy.	Mechanical Engineering	International Journal of Advances in Engineering &Technology	2012	ISSN 2231-1963
A Review of Friction Stir Welding Process and Its Variables.	M.S. Srinivasa Rao, K. Jaya Prakash, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Science and Research (IJSR)	2013	ISSN 2319-7064
Effect of Processing Parameters on Surface Finish of Components Processed by CNC Turning Machine.	B. TulasiramaRao, K. Srivinivas P. Rami Reddy, A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Mechanical Engineering Applications Research(IJMEAR)	2013	ISSN: 2249-6564
A Review on	Dr. B.V.R. Ravi	Mechanical	International	2013	ISSN:

Blisk Technology.	Kumar.	Engineering	Journal of Innovative Research in Science, Engineering and Technology.		2319-8753
Effect of Pulsed Current on Welding Characteristics of EN19 Alloy Steel using Gas Tungsten Arc Welding.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology.	2013	ISSN: 2319-8753
Experimental Study of Pulsed and Non-pulsed current TIG Welding of Aluminum Alloy (6082) Sheet.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Science and Research (IJSR)	2013	ISSN: 2277-2685
Modeling and Optimization of cutting parameters in high speed dry machining of Inconel 718 alloy.	B. Satyanarayana, Dr. G. RangaJanardhana, B. Hanumanth Rao.	Mechanical Engineering	International Journal of Advanced Research in Engineering & Technology.	2013	ISSN: 0976-6480, 0976-6499.
Experimental study of weld characteristics of pulsed and non-pulsed current TIG welding of stainless steel sheet (SS304).	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Advanced research in Engineering and Technology	2013	ISSN: 0976-6480(Print). ISSN: 0976-6499(Online).
Effect of pulsed current on welding characteristics of Aluminum Alloy (5052) using GTAW.	A. Raveendra, Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2013	ISSN: 2319-8753
Optimization of Wax Tank Parameter to Improve the Quality of Wax	Harshit P Bhavsar, Ajay Kumar Kaviti.	Mechanical Engineering	International Journal of Engineering Research and Development.	2013	ISSN 2278-800X

Pattern in Investment Casting.					
Simulation Technique used to Analyze the Inlet System in Mould Cavity.	Mousam Sharma, K K Pathak, Ajay Kumar Kaviti , Prabhash Jain.	Mechanical Engineering	Advances in Computational Sciences and Technology.	2013	ISSN 0974-4738
Experimental Analysis Of Greenhouse Dryer In No-Load Conditions.	Anil Kumar, Omprakash, Ajay Kumar Kaviti , Abhishek Tomar.	Mechanical Engineering	Journal of Environmental Research And Development.	2013	ISSN 0973-6921
Data Mining Based Knowledge Discovery for Quality Prediction and Control of Extrusion Blow Molding Process.	E.V.Ramana , P. Ravinder Reddy.	Mechanical Engineering	International Journal of Advances in Engineering &Technology	2013	ISSN 2231-1963
Data Mining For Knowledge Discovery and Quality Improvement of TMT Bar Re-Rolling Process.	E.V.Ramana , P. Ravinder Reddy.	Mechanical Engineering	International Journal of Mechanical Engineering and Technology,	2013	ISSN 0976-6359
Optimization Of Shot Peening Process Parameters Using Taguchi Approach And Validation By Data Mining.	E.V.Ramana , P. Ravinder Reddy.	Mechanical Engineering	International Journal of Engineering Science and Technology,	2013	ISSN 0975-5462
2013-14					
Benefits of FDI in Indian Sector	K. Venkateswara Raju,	Mechanical Engineering	International Journal of	2013	ISSN 0976-

and Customer Perception of organized retail outlets in Hyderabad.	Dr. SVSS Srinivasa Raju, Dr. D. Prasanna Kumar.		Management (IJM)		6502
Feasibility of Case Hardening On Extrusion Die used for Producing Zircaloy Seamless Tubes and Its Surface Coatings	D. Sarath Chandra, Dr. A. Siva Kumar.	Mechanical Engineering	International Journal of Advance Engineering Sciences and Technologies (IAEST)	2013	NA
Study of Biodiesel Blends and Emission Characteristics of Biodiesel.	Jayashri N Nair, J. Deepti, K. Siva Kalyani.	Mechanical Engineering	International Journal of Innovation Research in Science Engineering and Technology	2013	ISSN: 2319-8753
Experimental Study On the Effect Of Cutting Parameters On Surface Finish Obtained In CNC Turning Operation	B. TulasiramaRao, Dr. K. Srivinivas Dr. P. Ram Reddy, A. Raveendra., Dr. B. V. R. Ravi Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2013	ISSN: 2319-8753
A Review on Steels For Aeronautical Applications	Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Advanced Scientific and Technical Research	2013	ISSN 2249-9954
Optimization of Process Parameters in Friction Stir Welding Of AA6082-T6 Aluminium Alloy.	S. Veerendra Prasad, Dr. B. V. R. Ravi Kumar.	Mechanical Engineering	International Journal of Advanced Scientific and Technical Research	2013	ISSN 2249-9954
Optimized high speed turning on Inconel 718 using Taguchi method based Grey Relational	B. Satyanarayana, Dr. G. RangaJanardhana, D. HanumanthRao-	Mechanical Engineering	Indian Journal of Engineering and Material Science	2013	ISSN 0975-1017 (Online); 0971-4588

Analysis					(Print)
Effect of Pulsed Current on Welding Characteristics of EN24 Alloy Steel using Gas Tungsten Arc Welding.	Raveendra Akunuru, Dr. B.V. R. Ravi Kumar	Mechanical Engineering	International Journal Of Advances in Science and Technology,	2014	ISSN 2229-5216
Customer Perception on ICICI Bank in Hyderabad.	Dr. S.V.S.S. Srinivasa Raju, K. Kodandaram, K. Venkateswara Raju.	Mechanical Engineering	A Multi – Disciplinary Peer - Reviewed International Research Journal entitled Research Dimensions. UGC APPROVED	2014	ISSN 2249-3867
A Review on Importance Of Microalloying in Steel.	Dr. B. V. R. Ravi Kumar.	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2014	ISSN(Print) 0976-6340, ISSN(Online) 0976-6359
Effect of Welding Parameters on 5052 Aluminum Alloy Weldments using TIG Welding.	A. Raveendra., Dr. B.V. R. Ravi Kumar, Dr. A. Siva Kumar, N. Santosh.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET).	2014	ISSN: 2319-8753
Influence Of Welding Parameters On Weld Characteristics Of 5052 Aluminum Alloy Sheet Using TIG Welding.	A. Raveendra, Dr. B.V. R. Ravi Kumar, Dr. A. Siva Kumar, V. Pruthivikumar Reddy.	Mechanical Engineering	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	2014	ISSN: 2319-4847
2014-15					
Comparative Study on Performance of compression Ignition Engine	Jayashri N. Nair, Ruthvik Nithin. P	Mechanical Engineering	International Journal of Innovative Research in Science,	2014	ISSN: 2319-8753

Operated On Diesel & B100 Bio-Diesel.			Engineering and Technology,		
A Review on Recent Developments in Wire EDM.	Kode Jaya Prakash, M.S. Srinivasa Rao.	Mechanical Engineering	International Journal of Science and Research(IJSR)	2014	ISSN: 2319-7064
Measuring cutting forces while cutting of different metals with different speeds	B. TulasiramaRao, K. Sriviniwas, P. Ram Reddy, A. Raveendra., Dr. B.V.R. Ravi Kumar.	Mechanical Engineering	International Journal of Application or Innovation in Engineering & Management	2014	ISSN: 2319-4847
Micro-Hardness and Mechanical Properties of EN24 alloy steel Wledments using pulsed and non-pulsed Current Gas Tungsten Arc Welding.	Dr. B.V.R.Ravi Kumar, A. Raveendra.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2014	ISSN: 2319-8753
Multi-Response optimization of CNC WEDM process parameters for machining INCONEL 718 using Taguchi Grey Relational Analysis(TGRA)	Dr. B. Satyanarayana, G. Srikar.	Mechanical Engineering	International Journal of Mechanical & Production Engineering (IJMPE).	2014	Paper ID : II – ICE2CS M2EHYD – 27074-229,
Case Study on Advanced Manufacturing and Quality Control of Compressor Blades	Sisir Sagar, D. Sarath Chandra.	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering	2014	ISSN 2250-2459
Study of the Influence of Process Parameters on Surface Roughness When Inconel 718 Is Dry	Dr. M. V. R. Durga Prasad, Yelamanchili Sravya, Karri Sai Tejaswi.	Mechanical Engineering	International Journal of Materials, Mechanics and Manufacturing	2014	ISSN: 1793-8198

Turned Using CBN Cutting Tool by Artificial Neural Network Approach					
Experimental Investigation on Techniques to Improve Properties in Ablative Liner	P. V. N. Harinath, Dr. G. S. Gupta.	Mechanical Engineering	International Journal of Science and Research(IJSR)	2014	ISSN: 2319-7064
Mechanical and Micro structural Characterization of Al5083 and Al6082 butt Joints made by GTAW.	Dr. B.V.R. Ravi Kumar, K. Swathi, B.L.N. Krishna Sai.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2014	ISSN : 2319-8753,
Evaluation of Mechanical AA 6082-T6 Aluminum Alloy using pulse & Non-pulse Current GTAW Process.	Dr. B.V.R. Ravi Kumar, B.L.N, Krishna Sai, S. Rajasekhar,	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2014	ISSN : 2319-8753,
Parametric Optimization of Tool Wear Rate in Micro Drilling of Maraging Steel 300 Alloy.	Yeole Shivraj Narayan, Dr. N. N. Ramesh and Dr. B. Balu Naik	Mechanical Engineering	Reason- A Technical Journal	2014	ISSN 2277-1654
Prediction of Moisture Evaporation Rate from Jaggery in Green House Drying Using Fuzzy Logic.	Om Prakash, Anil Kumar, Ajay Kumar Kaviti.	Mechanical Engineering	Heat Transfer Research	2014	ISSN:216 2-6561
Digital image correlation of low velocity impact on	Kiran Kumar Namala, Puneet Mahajan, Naresh Bhatnagar.	Mechanical Engineering	International Journal of Vehicle Safety	2014	ISSN:147 9-3105

glass/epoxy composite					
Digital Image Correlation of Low-Velocity Impact on a Glass/Epoxy Composite	Kiran Kumar Namala, Puneet Mahajan, Naresh Bhatnagar,	Mechanical Engineering	International Journal for Computational Methods in Engineering Science and Mechanics	2014	ISSN, 1550-2295
Two Phase Flow Pressure drop Measurement on Air Lift Loop with Multiple Rising.	G.K. Pujari, N. M. Rao, A.V.S.S.K. Gupta.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	2015	ISSN (Online) 2319-8753 (Print) 2347-6710
Supply Chain Management: Simulation, System Dynamic Of An Iron Foundry.	S. Shyam Sunder Rao, K. Vizayakumar.	Mechanical Engineering	International Journal Of Advanced Manufacturing Systems (IJMAS)	2015	ISSN 1793-6896
Design And Study Of Supply Chain Engineering In Automobile Industry.	D. Madhukar, S. Shyam Sunder Rao.	Mechanical Engineering	Transactions on Engineering and Sciences	2015	ISSN : 2347-1964(Online) 2347-1875(Print)
Design of AGV with Mobile Communication.	M. R. Rupa Sri, Y. Shivraj Narayan , K. Lokender.	Mechanical Engineering	International Journal of Advances in Electronics and Computer Science	2015	ISSN: 2393-2835
Design And Fabrication Of Pick And Place Robot To Be Used In Library.	Anusha, M. Kranthi.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2015	ISSN(online)-2319-8753 2347-6710(print)
Optimizing the Robot's Path Using Dijkstra Algorithm.	U. Bharath, M. Kranthi.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2015	ISSN(online)-2319-8753 2347-6710(print)

Design, Analysis and Manufacturing of Planetary Gear Used in Clock Mechanism Using Rapid Prototype Technique.	K. Shambhavi, K. Aruna Prabha.	Mechanical Engineering	The International Journal of Science & Technoledge	2015	ISSN 2321-919X
Modeling of Walking Robot for a 3D Printer.	Vinod Kumar Kochera, Kode Jaya Prakash.	Mechanical Engineering	International Journal of Informative and Futuristic Research	2015	ISSN(online): 2317-1697
Soot Processes in Diesel Engines A Review.	K. Bala showry	Mechanical Engineering	International Journal of Mechanical Engineering & Technology	2015	ISSN:2321-6441
Equilibrium Composition in Combustion Products.	K. Bala showry	Mechanical Engineering	Indian Journal of Scientific Research	2015	ISSN:0976-2876
Reducing Particulate And NOX Emissions By Using Split Injection.	K. Bala showry	Mechanical Engineering	International Journal of Science and Research	2015	ISSN:2319-7064
Experimental Study on Non Destructive Testing Techniques.	K. Bala showry	Mechanical Engineering	International Journal of Engineering Research and General Science	2015	ISSN:2091-2730

Simulation of Injection Angles on Combustion Performance Using Multiple injection strategy in HSDI Diesel Engine by CFD.	K. Bala showry	Mechanical Engineering	International Journal of Engineering and Technology	2015	ISSN:0975-4024
Mechanism of Emission Reduction in HSDI Diesel Engine-Split Injection.	K. Bala showry	Mechanical Engineering	International Journal of Thermal and Environmental Engineering	2015	ISSN:1923-7308
Experimental Analysis on Heat Transfer Enhancement of Double Pipe Heat Exchanger using Alumina/Water Nanofluid and Baffled Twisted Tape Inserts	P C Sreekumar1, K Krishnamoorth . R Ratheesh	Mechanical Engineering	Applied Mechanics and Materials	2015	ISSN:1662-7482
2015-16					
A Damage Evolution Study Of E-Glass/Epoxy Composite Under Low Velocity Impact.	Harpreet Singh, Puneet Mahajan, Kiran Kumar Namala.	Mechanical Engineering	Journal of Composites Part B: Engineering	2015	ISSN:1359-8368
Effect of Split Injection On The Emissions with Different Diesel Fuels.	K. Bala showry.	Mechanical Engineering	International Journal of Emerging Trends in Engineering and Development	2015	ISSN:2249-6419
CFD Analysis On Performance And Emissions In DI Diesel Engine With High Pressure Injections.	K.Bala showry.	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2015	ISSN:2347-4289

3D Printing of Planetary gear which is used in Clock Mechanism.	K. Sambhavi, K. Aruna Prabha.	Mechanical Engineering	International Journal of Innovative, Research in Science, Engineering & Technology	2015	ISSN (online) – 2319-8753-2347-6710
Design, Analysis and Manufacturing of Planetary Gear System by Using Rapid Prototyping Technique used as Clock Mechanism.	K. Sambhavi, K. Aruna Prabha.	Mechanical Engineering	International Journal for Scientific Research & Development	2015	ISSN (Online): 2321-0613
Design and Manufacture of Automatic Locking Mechanism to Block the Trigger of an INSAS Rifle by Using Nut and Bolt.	G. Rahul Kumar, V. Anand Kumar.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology,	2015	ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710
Experimental Investigation Using Split Injection	K.Bala showry, AVSita ramaraju, P.Ravinder Reddy.	Mechanical Engineering	I-Manager's Journal on Mechanical Engineering	2015	NA
Design & Stress Analysis of Carbon Epoxy Rocket Motor Casing.	Shaik Saheen, Dr. G. Srinivasa Gupta.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology. (IJIRSET)	2015	ISSN (online) – 2319-8753-2347-6710

Fabrication and Study of Mechanical Properties of Sisal, Glass Fiber and MWCNTS Reinforced Polymer.	M. Chandrakanth, S. Shyam Sunder Rao, K. Srinivasulu Reddy.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2015	ISSN(Online): 2319-8753 ISSN (Print): 2347-6710.
A Fatigue Analysis of Hydraulic Pump Gear by Varying Gear Parameters.	Srikanth Porandla, L. Sasi Rekha.	Mechanical Engineering	IJSRD - International Journal for Scientific Research & Development	2015	ISSN (online): 2321-0613
Experimental Study on Effect of Tool Pin Profiles on Dissimilar Aluminum Alloy Friction Stir Welding.	B. L. N. Krishna Sai, M.S. Srinivasa Rao.	Mechanical Engineering	International Journal of Engineering and Technical Research (IJETR)	2015	ISSN: 2321-0869(O), 2454-4698(P).
Productivity Improvement in a Windows Manufacturing Layout Using Flexsim Simulation Software.	U. Sravan Kumar, Y. Shivraj Narayan.	Mechanical Engineering	International Journal of Research in Advent Technology	2015	E-ISSN: 2321-9637.
Parametric Investigation of Laser Cutting And Plasma Cutting of Mild Steel E350 Material -A Comparative Study.	Dr. S.V.S.S. Srinivasa Raju, K. Srinivas, M. Venkata Ramana.	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR - JMCE)	2015.	E- ISSN: 2278 - 1684, P- ISSN: 2320 - 334X.
Large Capacity Constrained Multi Product, Multi Level Lot	V. V. D. Sahithi, P. Sai Krishna, K. Lalith kumar, C. S. P. Rao.	Mechanical Engineering	International Journal of Engineering Research and	2015	ISSN 2091-2730

Sizing Optimization Using binary particle swarm Optimization.			General Science		
An Iterative Improvement Search and Binary Particle Swarm Optimization for Large Capacitated Multi Item Multi Level Lot Sizing (CMIMLLS) Problem.	V.V.D. Sahithi , P. Sai Krishna, K. Lalithkumar, C. S. P. Rao.	Mechanical Engineering	International Journal of Engineering Research and General Science,	2015	ISSN 2091-2730
Development of software Using Matlab for Design Optimization of Brake For Minibike.	Anil Kumar Garikapati, Dr. N. Govind , Dr. RavindraKommineni, V. Anand Kumar.	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),	2015	e-ISSN: 2278-1684, p-ISSN: 2320-334X.
Simultaneous Optimization of Multi Performance Characteristics in Dry Turning of INCONEL 718 using NSGA-II.	Dr. B. Satyanarayana , G. Siva Giridhar Yadav, P. Ruthvik Nitin, M. Dileep Reddy.	Mechanical Engineering	Materials Today Procedia Volume 2	2015	ISSN:. 2214-7853
Component Replication using 3D Printing Technology.	Dr. B. Satyanarayana, Kode Jaya Prakash.	Mechanical Engineering	Procedia Material Science	2015	ISSN 2211-8128.
Modeling and Analysis of Steam Turbine Blade by Varying Its Profile.	Zeba Naaz, Dr. B. Satyanarayana.	Mechanical Engineering	International Journal for Scientific Research & Development	2015	Paper ID: IJSRDV3 I90590
Solar stills system design:	P.Vishwanath Kumar,	Mechanical	Renewable and Sustainable	2015	ISSN: 1364-

A review,	AnilKumar, OmPrakash, Ajay Kumar Kaviti	Engineering	Energy Reviews Journal Elsevier		0321
Parameters influencing connecting rod: A review	Subham Tiwari, Ajay Kumar Kaviti	Mechanical Engineering	International Journal of Scientific Engineering and Research.	2015	ISSN 2229-5518
Different Analysis on Wind Turbine Blade: A Review. International Journal for Scientific Research & Development	Vivek Shukla, Ajay Kumar Kaviti	Mechanical Engineering	International Journal for Scientific Research & Development	2015	ISSN 2321-0613
Study and review on the analysis of leaf spring.	Pulkit Solanki, Ajay Kumar Kaviti	Mechanical Engineering	International Journal for Scientific Research & Development.	2015	ISSN 2321-0613
Design and Fabrication of an Automated Carousel Bottling System Controlled by Allen Bradley Software.	Mohd. Siraz, Y. Shivraj Narayan.	Mechanical Engineering	International Journal of Modern Engineering Research (IJMER)	2016	ISSN: 2249-6645
Importance and Utilization of 3D Printing in Various Applications.	CH. Venu Madhav, Regula Srii Nidhi Hrushu Kesav, Y. Shivraj Narayan	Mechanical Engineering	International Journal of Modern Engineering Research (IJMER)	2016	ISSN: 2249-6645
Optimization Of Controllable Turning Parameters For High Speed Machining Of Inconel 718 By Measurement Of Surface Roughness.	Dr. B. Satyanarayana.	Mechanical Engineering	International Journal of Scientific & Engineering Research (IJSER)	2016	ISSN 2229-5518

An Experimental Study On Single Double Slope Glass Active Solar Still With Different Depths Of Water.	Md. Nazamuddin Ansari, Ajay Kumar Kaviti.	Mechanical Engineering	Elixir Mechanical Engineering	2016	ISSN: 2229-712X
Heat Transfer Intensification in U-bend Double Pipe Heat Exchanger using Twisted Tape Inserts.	L. Sandeep Raj, K. Vijaya Kumar Reddy, A. Aruna Kumari.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2016	ISSN(Online): 2319-8753
Optimization of CNC Laser Cutting Process Parameters.	N. Abhimanyu, Dr. B. Satyanarayana.	Mechanical Engineering	International Advanced Research Journal in Science, Engineering and Technology	2016.	ISSN(O): 2393-8021 ISSN(P): 2394-1588
Diesel Engine Emission Control Techniques A Review On Split Injection	K.Bala showry	Mechanical Engineering	International Journal of Research in Aeronautical and Mechanical Engineering	2016.	ISSN (ONLINE): 2321-3051
Optimization of Controllable Turning Parameters for High Speed Dry Machining of Super Alloy: FEA and Experimentation	Dr. B. Satyanarayana, M. Dileep Reddy, P. Ruthvik Nithin.	Mechanical Engineering	Materials Today Procedia	2016	ISSN:. 2214-7853
Comparative Simulation of a	Kondru Nagendra Babu,	Mechanical Engineering	International Journal of	2016	ISSN(Online):

Centrifuger Bowl by Using Composite Laminates.	D. Manoj Kumar, P. Sai Kishore.		Innovative Research in Science, Engineering and Technology,		ISSN (Print): 2347-6710.
Optimization of the Process Parameters of Friction Stir Welded Aluminum Alloys for Maximum Tensile Strength	M.S.Srinivasa Rao, Dr.B. V.R.Ravi Kumar, Dr. M. Manzoor Hussain	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	2016	e-ISSN: 2278-1684,p-ISSN: 2320-334X
2016-17					
Comparative Estimates of Uncertainty in Measurements of Fracture Toughness	Paruchuru S.P., Kumar V.U., Jain A., Dong X.	Mechanical Engineering	Journal of Testing and Evaluation: An ASTM journal	2016	ISSN: 0090-3973 (print), 1945-7553 (online)
Loading Rate Requirements of a Compact Sandwich Test for Fracture Toughness Testing of Bone and Biomaterials	Paruchuru S.P., Jain A., Dong X.	Mechanical Engineering	Trends in BioMaterials and Artificial Organs:: An international Journal.	2016	ISSN: 0971-1198
Manufacturing of a Powerless Amplifier using 3d Printing Technology	Kode Jaya Prakash, B. Satyanarayana.	Mechanical Engineering	International Journal on Mechanical Engineering and Robotics	2016	ISSN (Print) : 2321-5747
Design and manufacturing of a chess coin through CAD/CAM integration	Satyanarayana B, Kode Jaya Prakash.	Mechanical Engineering	Science and Technology (The International quarterly journal)	2016	ISSN 2394-3750 EISSN 2394-3769.
Optimization of Controllable Turning Parameters for High Speed Dry Machining of	Dr. B.Satyanarayan a, Kode Jaya Prakash, M.Dilip Reddy,	Mechanical Engineering	Materials Today published by Elsevier.	2016	ISSN 1369-7021

Super Alloy: FEA and Experimentation	P.Ruthvik Nitin.				
Automatic Monitoring and Controlling of Pressure using PLC and SCADA.	Ande VenuPrasad, Yeole Shivraj Narayan.	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2016	ISSN :2319-8753
Performance Analysis Of Ethanol–Gasoline Blends On A Spark Ignition Engine: A Review.	Amit Kumar Thakur, Ajay Kumar Kaviti, Roopesh Mehra , K. K.S.Mer.	Mechanical Engineering	Biofuels	2016	ISSN 1759-7269
Review of Use FEM Techniques in Modeling of Human Knee Joint.	Nitin Kumar Sahu, Ajay Kumar Kaviti	Mechanical Engineering	Journal of Biomimetics, Biomaterials and Biomedical Engineering	2016	ISSN 1662-100X
Inclined Solar Still Designs: A review	Ajay Kumar Kaviti, Akhilesh Yadav, Amit Shukla	Mechanical Engineering	Renewable and Sustainable Energy Reviews.	2016	ISSN: 1364-0321
An Experimental Study On Single Basin Double Slope Passive Solar Still With Different Water Depths.	Lakhan Kumar, Ajay Kumar Kaviti	Mechanical Engineering	International Research Journal of Engineering and Applied Sciences	2016	ISSN 2322-0821
Data Mining Approach For Quality Prediction Of Injection Molding Process Through Statistica SVM, KNN	Dr. E V Ramana, S Sapthagiri, P Srinivas.	Mechanical Engineering	International Journal of Mechanical Engineering and Technology.	2016	ISSN 0976-6359

and GC & RT Techniques.					
Data Mining Approach For Quality Prediction And Improvement Of Injection Molding Process Through SANN, GCHAID and Association Rules.	Dr. E V Ramana, S Sapthagiri, P Srinivas ,	Mechanical Engineering	International Journal of Mechanical Engineering and Technology,	2016	ISSN 0976-6359
A Hybrid Binary Particle Swarm Optimization For Large Capacitated Multi Level Lot Sizing (CMIMLLS) Problem.	S.K.Mishra, V.V.D.Sahithi, C. S. P. Rao.	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2016	0965-0393
Condition monitoring of turning process using infrared thermography technique – An experimental approach	Balla Srinivasa Prasad , K. Aruna Prabha P.V.S. Ganesh Kumar	Mechanical Engineering	Infrared Physics & Technology	2016	1350-4495
Progress In Performance Analysis Of Ethanol-Gasoline Blends On SI Engine..	Amit Kumar Thakur, Ajay Kumar Kaviti, K.K.S.Mer.	Mechanical Engineering	Renewable And Sustainable Energy Reviews.	2017	ISSN: 1364-0321
Analysis Of Performance And Emission On Compression Ignition Engine Fuelled With Blends Of Neem Biodiesel	Jayasri N Nair, Ajay Kumar Kaviti, Arun Kumar Daram.	Mechanical Engineering	Egyptian Journal Of Petroleum.	2017	ISSN:1110 -0621

The Artificial Neural Network Approach To Predict The Performance And Exhaust Emissions Of A Gasoline Engine Using Ethanol - Gasoline Blended Fuels.	Amit Kumar Thakur, Ajay Kumar Kaviti , K.K.S.Mer.	Mechanical Engineering	Biofuels	2017	ISSN: 1759-7269
An Approach on Analytical Modeling of Composite Casing for Space Applications.	Dr. G. Srinivasa Gupta , Dr. N. Kiran Kumar , Dr. K. Ajay Kumar .	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	2017	e-ISSN: 2278-1684, p-ISSN : 2320– 334X
Design and Analysis of Submarine Thick Pressure Vessel by Using MS EDD Material.	Hazari Naresh	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2017	ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710.
A Comprehensive Review of Scheffler Solar Collector	Anil Kumar, Om Prakash, Ajay Kumar Kaviti	Mechanical Engineering	Renewable and Sustainable Energy Reviews.	2017	ISSN: 1364-0321
Performance evaluation of profile modifications on straight-bladed vertical axis wind turbine by energy and Spalart Allmaras models. Energy.	Vivek Shukla, Ajay Kumar Kaviti	Mechanical Engineering	Energy Journal Elsevier	2017	ISSN: 0360-5442.
Performance & Emission Test On 4-Stroke Single Cylinder Diesel Engine By Using	Prasad Kumar Putha , Gutha Ravi Prasad, Divi Aruna,	Mechanical Engineering	International Journal of Scientific Engineering and Technology	2017	ISSN 2319-8885

Wpo Blends With Pure Diesel.	Satheesh Kumar		Research.		
Performance & Emission Test On 4-Stroke Single Cylinder SI Engine By Using A Blend Mixture Of Petrol Gradie Wpo With Gasoline	B. Daniel Paul, B. Manoj Kumar, B. Naresh, M. Omkar, Puthu Prasad Kumar, Satheesh Kumar	Mechanical Engineering	International Journal of Scientific Engineering and Technology Research.	2017	ISSN 2319-8885
Performance of I.C Engines using HHO GAS	Prasad Kumar Putha, G. Satish Babu.	Mechanical Engineering	International Journal of Scientific Engineering and Technology Research	2017	ISSN 2319-8885
A Study On Bio-Mass Heat Energy Conversion Systems For Power Energy Systems	Mr. Prasad Kumar, Dr. S. Chakradhar Goud, Dr. B. Durga Prasad	Mechanical Engineering	Anveshana's International Journal Of Research In Engineering And Applied Sciences.	2017	ISSN-2455-6300
Data mining Approach for Quality Prediction and Fault Diagnosis of Injection Molding Process.	Dr. E V Ramana, S Sapthagiri, P Srinivas ,	Mechanical Engineering	Indian Journal of Science and Technology,	2017	ISSN 0974-5645
Data Mining Approach for Quality Prediction and Control of Injection Molding Process.	Dr. E V Ramana, S Sapthagiri, P Srinivas ,	Mechanical Engineering	Indian Journal of Science and Technology,	2017	ISSN 0974-5645
Data Mining Approach for Quality Prediction of Injection Molding Process.	Dr. E V Ramana, S Sapthagiri, P Srinivas.	Mechanical Engineering	International Journal of Engineering and Technology.	2017	ISSN 0975-4024

Design and Development of Turbine Driven Wood Turning Lathe for Rural Development.	Abhimanyu Nandhi, Aruna Prabha K.	Mechanical Engineering	International Journal of Control Theory and Applications	2017	ISSN 0974-5572
Rapid Prototyping Technology- Classification and Comparison	Dharipalli Hyndhavi, S.Bhanu Murthy	Mechanical Engineering	International Research Journal of Engineering and Technology (IRJET)	2017	e-ISSN: 2395 - 0056, p-ISSN: 2395-0072
Experimental study on the effect of welding parameters and tool pin profiles on the IS:65032 Aluminum alloy FSW	Srinivasa Rao M.S., Ravi Kumar B.V.R., Manzoor Hussain M.	Mechanical Engineering	Materials Today: Proceeding.	2017	ISSN: 2214-7853
2017-18					
Fabrication, Mechanical Characterization and Analysis of Carbon Fiber Reinforced Composite used for Aircrafts.	Dr.B. Satyanarayana	Mechanical Engineering	International Journal of Advanced Research in Science and Engineering.	2017	ISSN: 2319- 8354
Design of A Quadruped Robot and its Inverse Kinematics.	P. Arun Kumar, Y. Shivraj Narayan.	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2017	ISSN (P): 2249- 6890; ISSN (E): 2249- 8001
A Review on Applications of Flex Sensors.	A. Sreejan, Y. Shivraj Narayan.	Mechanical Engineering	International Journal of Emerging	2017	ISSN: 2250- 2459

			Technology and Advanced Engineering (IJETAE)		
Design and Fabrication of Hybrid 3D Printing Machine.	K. Prudhvi, Dr. B. Satyanarayana	Mechanical Engineering	International Journal of Engineering Technology Science and Research	2017	ISSN 2394 – 3386
Modelling and Simulation of a Gear Housing Pattern made of ABS Material for FDM Based 3D Printing.	Regula Sri Nidhi Hrushu Kesav, Yeole Shivraj Narayan	Mechanical Engineering	International Journal of Engineering Science and Technology (IJEST)	2017	ISSN: 0975-5462
Simulation and System Dynamics of A Lamination Industry.	V. Amit Prabhakar, Dr. S. Shyam Sunder Rao	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	2017	ISSN 2250-2459.
Dynamic Analysis of Shock Absorber Spring using Different Materials	W. Shivaraj Singh, N. Srilatha.	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	2017	ISSN 2250-2459.
Finite Element Analyses Of Turbine Disc With Surface Cracks	Bhanu Murthy Soppari.	Mechanical Engineering	International Journal of Research in Engineering and Technology	2017	eISSN: 2319-1163 pISSN: 2321-7308.
Preparing, Studying And Drilling The Composite Materials With	Vemuri Radha Madhavi, Dr. S. Shyam Sunder Rao.	Mechanical Engineering	International Journal of Latest Engineering Research and Applications.	2017	ISSN 2455-7137.

Different Orientation Of Fibers.					
Preparing, Studying And Drilling The Hybrid Composite Material Without Orientation.	Vemuri Radha Madhavi, Dr. S. Shyam Sunder Rao.	Mechanical Engineering	International Journal of Latest Engineering Research and Applications.	2017	ISSN 2455-7137.
Evaluation of Mechanical Properties of Lady Finger-Sisal Fiber Reinforced Hybrid Polyester Composites.	Dr. K. Bala Showry	Mechanical Engineering	International Journal of Advance Engineering and Research Development	2017	ISSN: 2348 – 4470, 2348 – 6406.
Development of Flex Sensor to Identify Damage on Sheet Metal	Alapati Sreejan, Yeole Shivraj Narayan	Mechanical Engineering	International Journal of Engineering Science and Technology	2017	ISSN: 0975 – 5462.
A Comparative Study On Experimental Investigation Of Abrasive Water Jet Cutting And Laser Cutting Of Mild Steel E250 Material.	Banoth. Subhash, Dr. S.V.S.S. Srinivasa Raju, K. Kodanda Ram	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering	2017	ISSN 2250-2459.
Solar Air Cooler cum Heater with Auto Tracking Mechanism	Dr. K. Balashowry	Mechanical Engineering	International Journal of Engineering Research and Advanced Development	2017	ISSN: 2395-5163.
Experimental Investigations of Performance and Emission Characteristics	V. Siva Rama Krishna, Dr. K. Vijaya Kumar Reddy, Dr. B Durga	Mechanical Engineering	International Journal of Latest Engineering and Management Research	2018	ISSN: 2455-4847

of CI Diesel Engine Using Plastic Oil Blends	Prasad.		(IJLEMR)		
Experimental Investigations on LHR Diesel Engine Using Biodiesel with Nano Additive	V. Siva Rama Krishna , Dr. K. Vijaya Kumar Reddy, Dr. B Durga Prasad .	Mechanical Engineering	International Journal of Latest Engineering and Management Research (IJLEMR)	2018	ISSN: 2455-4847
Analysis on Impact of Various Parameters for LHR Diesel Engine using Biodiesel and its Additives	V. Siva Rama Krishna , Dr. K. Vijaya Kumar Reddy, Dr. B Durga Prasad .	Mechanical Engineering	International Journal of Emerging Technology and Advanced Engineering	2018	ISSN 2250-2459
Computer Assisted Job Sequencing	E. V. Ramana	Mechanical Engineering	International Journal of Engineering Science and Technology , Vol.10, Issue 3, Pp 141-145,2018	2018	ISSN: 0975-5462
Computer Aided Line Balancing	E. V. Ramana	Mechanical Engineering	International Journal of Engineering Science and Technology , Vol.10, Issue 3, Pp 146-151,2018.	2018	ISSN: 0975-5462
On the Evaporation of Fine Hydrophobic Camphor Soot Mixed Water	Amarnadh S. V. Ajay Kumar Kaviti	Mechanical Engineering	Materials Today: Proceedings	2018	ISSN:. 2214-7853
Micro Stress Evaluation and Analysis in FRP Composites for Rocket Motor Casing.	G. Srinivasa Gupta, N. Kiran Kumar, K. Ajay Kumar	Mechanical Engineering	Materials Today: Proceedings	2018	ISSN:. 2214-7853
Comparative Study of Wear Patterns of both Coated and	K. Aruna Prabha, Balla Srinivasa Prasad,	Mechanical Engineering	Materials Today: Proceedings	2018	ISSN:. 2214-7853

Uncoated Tool Inserts in High Speed Turning of EN36 Steel	N. Srilatha				
Design and Fabrication of A System for Harnessing Energy From Road Traffic	SVSS Srinivas Raju Mr.Hazari Naresh, Mr. N Raghuvardhan	Mechanical Engineering	Materials Today: Proceedings	2018	ISSN:221 4-7853