

Scope Database Journal Indexing & Citation Analysis

Journal Name : International Journal of Research in Mechanical Engineering (IJRME)					
Coverage Period: 2013-2021					
Total No of Papers Indexed:193					
ISSN Online 2347 - 5188					
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Source Link: https://scopedatabase.com/Sourceid/00000085					
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Manuscript ID	Paper or Article Title	List of Authors name	Year of Publication	Source, Volume, issue and page numbers	County of Publication- Author 1 country of publication
00000-66087	Experimental Stress Analysis of Composite Beam Using Polariscope	Y. Varshini ,A. Purushotham ,	2015	International Journal of Research in Mechanical Engineering 3, 4, 34 - 38	India
00000-66090	Roller Bearing Fault Diagnosis by Decision Tree Algorithms with Statistical Feature	Kale Ajinkya Pravin,R. Jegadeeshwaran ,V. Sugumaran ,	2013	International Journal of Research in Mechanical Engineering 1, 1, 1 - 9	India
00000-66101	Methods and Models for Failure Analysis of Fiber Reinforced Composites: A Critical Literature Review	Ashwani Kumar,Deepak choudhary,	2013	International Journal of Research in Mechanical Engineering 1, 1, 10 - 15	India
00000-66103	Failure of ISO 9001 Quality Management Systems in Pharmaceutical Companies - A SurveyBased Study	Chinmaya Krishnan G,Arathy Krishnan,	2015	International Journal of Research in Mechanical Engineering 3, 4, 39 - 42	India
00000-66118	Advantage of Knuckle Joint in Pneumatic Press	Kawaljit Singh Randhawa,	2015	International Journal of Research in Mechanical Engineering 3, 4, 43 - 50	India
00000-66124	Optimization of Heat Treatment Processes Using Taguchi's Parameter Design Approach	V.K. Murugan ,P. Koshy Mathews,	2013	International Journal of Research in Mechanical Engineering 1, 1, 16 - 21	India
00000-66133	Performance Analysis of Eco-friendly Refrigerants and Mixture of Refrigerants (Blends) for Replacing CFC`s and HCFC`s in Vapour Compression System of Refrigeration	Pankaj Gehlot,Jitendra Jayant,	2015	International Journal of Research in Mechanical Engineering 3, 5, 1 - 5	India
00000-66142	Examination of the Thermal Equilibrium Assumption in Transient Natural Convection Flow in Porous Micro-Channel	Ali S. Al-Osaimy,	2015	International Journal of Research in Mechanical Engineering 3, 5, 6 - 12	Saudi Arabia

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00000-66146	Fault Diagnosis of Helical Gear Box Using Decision Tree and Best-First Tree	M. Amarnath ,Deepak Jain,V. Sugumaran ,Hemantha Kumar,	2013	International Journal of Research in Mechanical Engineering 1, 1, 22 - 33	India
00000-66148	Effects of Adhesive and Interphase Characteristics Between Matrix and Reinforced Nanoparticle of AA4032/ALN Nanocomposites	A. Chennakesava Reddy,	2015	International Journal of Research in Mechanical Engineering 3, 5, 13 - 21	India
00000-66154	Deploying CAE with Explicit Solver for Simulating the Phenomenon of Crash while Improving the Design of Bumper	F B Sayyad ,A D Deshmukh ,	2013	International Journal of Research in Mechanical Engineering 1, 1, 34 - 43	India
00000-66162	Effect on Performance, Combustion and Emissions of Diesel Engine with Varied Piston Bowl Geometry	U.S. Jyothi ,K. Vijaya Kumar Reddy,	2015	International Journal of Research in Mechanical Engineering 3, 5, 22 - 27	India
00000-66171	Deformation Checks in the Transmissions of Certain Classes of Woodworking Machines	Boycho Marinov,	2015	International Journal of Research in Mechanical Engineering 3, 5, 28 - 41	Bulgaria
00000-66172	Methodology of Conducting an Action Research in a Digitised Manner	R. Surya Kiran,	2013	International Journal of Research in Mechanical Engineering 1, 1, 44 - 54	India
00000-66182	Bayesian Sample Size Determination of Vibration Signals in Machine Learning Approach to Fault Diagnosis of Roller Bearings	Siddhant Sahu,V. Sugumaran ,	2013	International Journal of Research in Mechanical Engineering 1, 1, 55 - 63	India
00000-66194	Estimation of Heat Transfer through Un-insulated Sheet Metal Duct	Sampath S S ,Sawan Shetty,Chithirai Pon Selvan M,	2015	International Journal of Research in Mechanical Engineering 3, 5, 42 - 48	United Arab Emirates
00000-66221	Conceptual Product Development of Punch cum Stapler	Donnell James,K. Janardhan Reddy,	2013	International Journal of Research in Mechanical Engineering 1, 1, 76 - 84	India
00000-66235	Effect of width and thickness on Flexural Strength of E-glass Vinyl Ester (+450 /-450) Composite	Pradeep S ,Sasikumar M ,	2013	International Journal of Research in Mechanical Engineering 1, 1, 85 - 92	India
00000-66238	Design and Analysis of Radial Turbine Rotor Based on Bezier Curve Method	Li Jun ,Xie Jinli,Jiang Rui,Wei Hanbin,	2015	International Journal of Research in Mechanical Engineering 3, 5, 49 - 54	China
00000-66248	Evaluation of Stock Strip Layout in Sheet Metal for Blanking	Sonu Prakash Sharma,Nikhil Chawla,	2015	International Journal of Research in Mechanical Engineering 3, 6, 1 - 5	India
00000-66256	Optimization of EDM Process Parameters Using Taguchi Method	Amit Phogat,Vishant Kumar,Neeraj ,	2015	International Journal of Research in Mechanical	India

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				Engineering 3, 6, 6 - 11	
00000-66257	A Degradation Study of Virgin and Recycled ABS Blends Subjected to Multiple Processing	Ng Chin Fei,Nik Mizamzul Mehat,Shahrul Kamaruddin,Zulkifli Mohammad Ariff,	2013	International Journal of Research in Mechanical Engineering 1, 1, 93 - 102	Malaysia
00000-66269	Roll Cage - Regulation V/S Requirement – Design and Testing Analysis	Vineet Felix Rodrigues,Abel Antony,Sherwin Samson,	2015	International Journal of Research in Mechanical Engineering 3, 6, 12 - 24	India
00000-66274	Misfire Detection in IC Engine using Kstar Algorithm	Anish Bahri,V. Sugumaran ,S. Babu Devasenapati,	2013	International Journal of Research in Mechanical Engineering 1, 1, 103 - 110	India
00000-66287	Micro Tensile Behaviour of LM25 Aluminium Alloys by Stir Cast Method Compared with Finite Element Method	V.Suresh ,R.Maguteeswaran ,R. Sivasubramaniam ,D. Shanmuga Vadivel,	2013	International Journal of Research in Mechanical Engineering 1, 1, 111 - 116	India
00000-66293	Simulation of Heat Distribution in MMAW with Simultaneous Cooling Effect	Manmohan Yadav,Rathin Dutta,Rohit Ranjan,	2015	International Journal of Research in Mechanical Engineering 3, 6, 25 - 31	India
00000-66300	Study of Quality Function Deployment Tool in a New Product Development-Carding Machine	T. Preman Reynold Joseph,K. Janardhan Reddy,	2013	International Journal of Research in Mechanical Engineering 1, 1, 117 - 124	India
00000-66303	Application of ANN for IC Engine Performance Analysis and Optimization - A Review	Vishant Kumar,Amit Phogat,Neeraj ,	2015	International Journal of Research in Mechanical Engineering 3, 6, 32 - 37	India
00000-66310	Study of Diesel Exhaust Particulate Matter – A Review	Aparna Jha,	2015	International Journal of Research in Mechanical Engineering 3, 6, 38 - 40	India
00000-66317	3D In-cylinder Cold Flow Simulation Studies in an IC Engine using CFD	A Lakshman ,C P Karthikeyan ,R Padmanabhan ,	2013	International Journal of Research in Mechanical Engineering 1, 1, 64 - 69	India
00000-66329	Design Movements of Mechanical Spider Robots	Mukesh Kumar,Dushyant ,Ravinder Singh Gulia,	2015	International Journal of Research in Mechanical Engineering 3, 6, 41 - 47	India
00000-66337	Conceptual Product Development of Wheelchair for People Disabled in Legs	Sumedh J. Suryawanshi,K. Janardhan Reddy,	2013	International Journal of Research in Mechanical Engineering 1, 2, 1 - 10	India
00000-66340	Optimization of Process Parameters of WEDM on SS316	Neeraj ,Vishant Kumar,Amit Phogat,	2015	International Journal of Research in Mechanical Engineering 3, 6, 48 - 57	India
00000-66355	A Review on Free Piston Engine-Advantages over	Rajesh Kumar,Hari Parshad,Pardeep ,	2015	International Journal of	India

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Traditional Engine and Applications				Research in Mechanical Engineering 3, 6, 58 - 61	
00000-66357	A Study on the Fracture and Fatigue Behaviour of an Aluminium Alloy: Finite Element Analysis (FEA) Approach	S. Nageswara ,T. Hari Prasad,	2013	International Journal of Research in Mechanical Engineering 1, 2, 11 - 18	India
00000-66369	An Investigation of Automobile Air-conditioning System Using Alternate Refrigerant - A Review	K. Saravanan ,R. Vijayan ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 19 - 25	India
00000-66371	A Review on Green Engine: Working, Advantages over Conventional Engines and Applications	Rakesh Rajpal,Rajesh Kumar,Hari Parshad,	2015	International Journal of Research in Mechanical Engineering 3, 6, 62 - 65	India
00000-66379	Mechanical Properties of AA6082/Al2O3 Composite Fabricated by Stir Casting	Suraj Bagla,	2015	International Journal of Research in Mechanical Engineering 3, 6, 66 - 69	India
00000-66383	Product Selection by Studying their Features among Various Types	Susma Dhankhar,	2015	International Journal of Research in Mechanical Engineering 3, 6, 70 - 73	India
00000-66389	An Approach to Design of Child Saver Machine for Child Trapped in Borehole	C.N. Sakhale ,D.M. Mate ,Subhasis Saha,Tomar Dharmmpal,Pranjit Kar,Arindam Sarkar,Rupam Choudhury,Shahil Kumar,	2013	International Journal of Research in Mechanical Engineering 1, 2, 26 - 38	India
00000-66397	A Review on Air Bearing: Working and Advantages over Traditional Bearing	Hari Parshad,Rajesh Kumar,Dharamvir Dixit,	2016	International Journal of Research in Mechanical Engineering 4, 1, 1 - 3	India
00000-66400	Design and Optimization of Pile Tip for Offshore Drilling Rig Foundation	Gaurav S. Harane,Annamalai K ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 39 - 44	India
00000-66404	Various Types of Manufacturing Operations Performed in Modern Sheet Metal Industries	Chander Parkash,	2016	International Journal of Research in Mechanical Engineering 4, 1, 4 - 8	India
00000-66410	Analytical Study on Daily Energy Wastage and Its Conservation	Aman Kumar Mishra,	2016	International Journal of Research in Mechanical Engineering 4, 1, 9 - 11	India
00000-66411	Analysis of Hybrid Natural Fiber Reinforced Polymer Composite Material	S. Dheenadhayal ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 45 - 50	India
00000-66420	Optimization of Cooling Load in Air Conditioning System	Amit Dalal,Manmohan Yadav,	2016	International Journal of Research in Mechanical Engineering 4, 1, 12 - 17	India

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00000-66421	Design of Limits and Fits in Mating Parts Using Visual Basic 6.0	Adeyeri Michael Kanisuru,Ayodeji Sesan Peter,	2013	International Journal of Research in Mechanical Engineering 1, 2, 51 - 59	Nigeria
00000-66430	Conceptual Design of Helical Coiling Mechanism for the Integration of Rolling Mill	T.A. Madankar ,J.P. Modak ,M. M. Gupta ,	2016	International Journal of Research in Mechanical Engineering 4, 1, 18 - 25	India
00000-66442	Micro Tensile Behaviour of LM25 Aluminium Alloys by Stir Cast Method Compared with Finite Element Methods	V.Suresh ,R.Maguteeswaran ,R. Sivasubramaniam ,D. Shanmuga Vadivel,	2013	International Journal of Research in Mechanical Engineering 1, 2, 60 - 64	India
00000-66457	Welding of Polypropylene Plate in Friction Stir Welding Process using Threaded Pin Profile	K. Panneerselvam ,K. Lenin ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 65 - 72	India
00000-66467	Voice Command Wheelchair Navigation using K Star Classifier	Piyush Chaskar,V. Sugumaran ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 73 - 79	India
00000-66479	Computational Procedures for Evaluation of Stress Intensity Factor - A Reviews	Manjunath. B. T ,Suneel Kulkarni,Kirthan L. J ,	2016	International Journal of Research in Mechanical Engineering 4, 1, 26 - 39	India
00000-66487	An Overview of Aerodynamic Behaviour of Wind Turbine Blades	Prosun Roy,	2016	International Journal of Research in Mechanical Engineering 4, 1, 40 - 47	India
00000-66489	Formulation of Experimental Data Based Model for Aluminum Alloy HE15 Operation with Burnishing Tool on Lathe Machine Using Dimensional Analysis	D.M. Mate ,G.K. Awari ,C.N. Sakhale ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 80 - 90	India
00000-66497	Investigation on Surface Modified Sliding Contact Bearings	K.Vellaiswamy ,V. Jeevabharathi ,	2016	International Journal of Research in Mechanical Engineering 4, 1, 48 - 51	India
00000-66520	Low Carbon Steel Characterization under Quasi-Static Strain Rate for Bumper Beam Application	Dawit. Bogale ,Ermias G. Kidan,	2013	International Journal of Research in Mechanical Engineering 1, 2, 91 - 99	Ethiopia
00000-66521	FE Based Simulation of Forward Flow Forming Process	Prabas Banerjee,Raja Kundu,Mohit Singh,Pawan Kumar Dubey,Nirmal Baran Hui,	2016	International Journal of Research in Mechanical Engineering 4, 2, 1 - 5	India
00000-66526	Testing of Performance, Emission and Combustion Characteristics of a Diesel Engine Using Polymer Oil	Ganapathi.P ,Robinson.Y ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 100 - 107	India
00000-66530	Remaining Life Assessment of Refinery Furnace Tubes Using Finite Element Method	Barhm Abdullah Mohamad,Abdelsalam Abdelhussien,	2016	International Journal of Research in Mechanical	Iraq

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				Engineering 4, 2, 6 - 9	
00000-66531	Experimental and Mathematical Analysis of Energy Conservation in Iron Foundries with Critical Input Parameters of Rotary Furnace	R. K. Jain ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 108 - 115	India
00000-66534	Designing and Optimizing the Parameters which affect the Molding Process using Design of Experiment	A. Riaz Ahamed,A.K. Shaik Dawood,R. Karthikeyan ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 116 - 122	Saudi Arabia
00000-66536	Fluid flow Analysis of Centrifugal Fan by using FEM	L. Umamaheswararao ,Mohammed Ashif,	2016	International Journal of Research in Mechanical Engineering 4, 2, 10 - 14	India
00000-66543	Assessing the Critical Success Factors and Barriers for Six Sigma Implementation in Auto Component Indian SMEs	Dharmendra Tyagi,V. K. Soni ,V. K. Khare ,	2016	International Journal of Research in Mechanical Engineering 4, 2, 15 - 26	India
00000-66548	Analysis of Needle Bearing Cross Shaft Turnnion Contact	Addisu Negash Ali,Abdulhakim Shukurea,Ephrem Zeleke,Hailu Shimels,	2013	International Journal of Research in Mechanical Engineering 1, 2, 123 - 127	Ethiopia
00000-66556	Optimization of Pipe Finning Process with Engineering Principles	Kiran Ashok Salunke,Vishakha Lambhate,Utkarsha Jadhav,Saurabh Kumbhar,	2016	International Journal of Research in Mechanical Engineering 4, 2, 27 - 31	India
00000-66561	Design and Development of Teff Seed Broadcaster	Abdulhakim Shukurea Rahmato,Ing Zewdu Abdi,	2013	International Journal of Research in Mechanical Engineering 1, 2, 128 - 135	Ethiopia
00000-66567	Finite Element Modeling for Engineering Analysis, Structural Mechanics Problems	Mohammed Asif Kattimani,Mahesh G.S. ,	2016	International Journal of Research in Mechanical Engineering 4, 2, 32 - 44	India
00000-66587	Flow Analysis in a Convergent-Divergent Nozzle Using CFD	Gutti Rajeswara Rao,U.S. Ramakanth ,A Lakshman ,	2013	International Journal of Research in Mechanical Engineering 1, 2, 136 - 144	India
00000-66595	Modeling and Simulation of Solar Chimney Power Plant for Electrification: Dire Dawa	Bisrat Yetimgeta,Nigussie Mulugeta,	2014	International Journal of Research in Mechanical Engineering 2, 1, 1 - 14	Ethiopia
00000-66596	Design and Finite Element Analysis of Knuckle Joint Using CATIA and ANSYS Workbench	Anupam Raj Jha,Rakesh Jaiswal,Anush Karki,Ankit Basnet,Pawan Jaiswal,Saurav Rajgadia,Debayan Das,Rabindra Nath Barman,	2016	International Journal of Research in Mechanical Engineering 4, 3, 1 - 5	India
00000-66603	Design and Modification of Appropriate Reel Mechanism to Harvest Tef Crop	Ephrem Zeleke Kassa,Ing Zewdu Abdi,	2014	International Journal of Research in Mechanical Engineering 2, 1, 15 - 25	Ethiopia
00000-66604	Effect of Geometric and operating Parameters on Solar	Malleboyena Mastanaiah,K. Hemachandra Reddy,	2016	International Journal of	India

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	Flat Plate Collector Performance – A CFD Approach			Research in Mechanical Engineering 4, 3, 6 - 14	
00000-66613	A Study of Artificial Fiber Tissue Using Finite Element Analysis for Optimizing Volumetric Dimensions	V. R. Raut ,D. M. Mate ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 15 - 27	India
00000-66614	Fault Diagnosis of Helical Gear Box using Logistic Function and REP Tree	Abhinav Aggarwal,V. Sugumaran ,M. Amarnath ,Hemantha Kumar,	2014	International Journal of Research in Mechanical Engineering 2, 1, 26 - 32	India
00000-66630	Comparison of Plastic Derived Fuel Production Methods and Its Effect on Fuel Quality	Akhil B S ,Abhijith R ,Sivaprakash S C ,Arun S ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 28 - 32	India
00000-66638	Particleboard from Ethiopian Lowland Bamboo (Oxytenanthera Abyssinica)	Hailu Shimels,Eyassu Woldesenbet,	2014	International Journal of Research in Mechanical Engineering 2, 1, 33 - 37	Ethiopia
00000-66639	Cutting Parameters Optimization during Hard Turning of AISI H13 Tool Steel	Anil Raj,K. Leo Dev Wins,A. S. Varadarajan ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 33 - 38	India
00000-66650	Design and Development of a Bi –Metallic Based Micro Pump	Sandeep O S ,R Padmanabhan ,	2014	International Journal of Research in Mechanical Engineering 2, 1, 38 - 42	India
00000-66651	Experimental Analysis of Performance Characteristics of Mini Channel Heat Exchangers	Ashraf A ,Mohammed Shan N,Thoufeeq Azad,Bibin S ,Arun S ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 39 - 43	India
00000-66655	Prediction of Parameters using Linear Regression for Trap in a Vibratory Part Feeder	Suresh M ,K.A. Jagadeesh ,Sakthivel J ,	2014	International Journal of Research in Mechanical Engineering 2, 1, 43 - 47	India
00000-66667	A New Model in Design and Manufacturing of Mobile Hydraulic Pipe Bending Machine in Industry	V. Senthil Raja,R.Maguteeswaran ,C. Karthik ,S. Rajarajan ,D. Shanmuga Vadivel,	2014	International Journal of Research in Mechanical Engineering 2, 1, 43 - 51	India
00000-66668	Processing of Biodiesel from Algae and Experimental Investigation on Single Cylinder Diesel Engine	Azeem Anzar,Azeem Hafiz P A,N R M Ashiq ,Mohamed Shaheer S,Midhun M ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 44 - 49	India
00000-66675	Experimental, Computational and Numerical Analysis of Oxygen Enrichment Process in Energy Conservation in Rotary Furnace Foundry Operation	R. K. Jain ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 1 - 12	India
00000-66682	Analysis of Barriers Negatively Influencing Entry of Startup Airlines into Aviation Industry using ISM Methodology	Azeem Hafiz P A,Mohammed Fahad,Naveen Sankar G M,Nandhu M Soman,Manikantan R Nair,	2016	International Journal of Research in Mechanical Engineering 4, 3, 50 - 57	India

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00000-66692	Design of Hydraulic Power Pack for Vertical Turret Lathe	M. Rama Narasimha Reddy,D. Sreenivasulu Reddy,P. Sundera ,S. Madhusudhana ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 13 - 22	India
00000-66693	Study of Biogas as a Sustainable Energy Source in India	Azeem Hafiz P A,Rashid Ahamed R,Muhamed S A ,Sharukh M ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 58 - 62	India
00000-66704	Provision of Pull over Rolls in Coil Preparation Line for Entry Roller Tables	A. Peramanan ,M. Sakthivel ,V. Sumesh ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 23 - 35	India
00000-66705	Ranking of Elements Negatively Influencing Application of Latest Methods in Library Sciences Using Interpretive Structural Modelling	Azeem Hafiz P A,Rashid Ahamed R,Renjith Ramesh R,Muhammed Hussain S,	2016	International Journal of Research in Mechanical Engineering 4, 3, 63 - 69	India
00000-66715	Influence of Coating on Cutting Tool in Producing Quality Products	M.Narasimha ,Mahaboob Patel,Solomon.D ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 36 - 46	Ethiopia
00000-66720	Experimental Analysis of the Performance Characteristics of Single Cylinder Diesel Engine Fueled Using Kerosene-Diesel Blend	Azeem Hafiz P A,Naveen Sankar G M,Murali Mohan R K,Bilal Mohammed,	2016	International Journal of Research in Mechanical Engineering 4, 3, 70 - 74	India
00000-66721	Material Removal Rate and Tool Wear Prediction using Artificial Neural Network with Genetic Algorithm in Hard Turning of AISI M2Steel	Jaganathan.P ,R.Sivasubramanian ,Krishnaraj.V ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 47 - 65	India
00000-66728	Production of Biodiesel from a Mixture of Microalgae Oil and Sunflower Oil	Christeena Mathew,S. Sankar ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 75 - 81	India
00000-66732	Multi-Objective Optimization of Cylindrical Grinding Process Parameters	M. Janardhan ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 66 - 87	India
00000-66735	Vacuum Assisted Climber	Dheeraj Sudesh M,R. Adithya ,Selva Manoj R,Sooraj K ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 82 - 87	India
00000-66739	Modeling and Analysis of the Weld Bead Geometry in Robotic Gas Metal Arc welding by using Taguchi Techniques	P. Thamilarasi ,S. Ragunathan ,E. Mohankumar ,	2014	International Journal of Research in Mechanical Engineering 2, 2, 88 - 93	India
00000-66742	Advances and Applications of Cuckoo Search Algorithm in Scheduling Problems	Dony S Kurian,Regi Kumar V,	2016	International Journal of Research in Mechanical Engineering 4, 3, 88 - 93	India
00000-66746	Formulation of Experimental Data Based Mathematical Model for AI 2014 with Spherical Surface Burnishing	D.M. Mate ,P.S Choudhari ,	2014	International Journal of Research in Mechanical	India

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Tool				Engineering 2, 3, 1 - 6	
00000-66749	Performance Measurement of Simulated Annealing Algorithm on a Serial Production Sequencing Problem	Ganesh J ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 94 - 103	India
00000-66757	Experimental Analysis of Solid Desiccant Wheel Dehumidifier	Hazeeb Halid,Azeem Hafiz P A,Pradeep SJ ,Sarath Sankar RU,	2016	International Journal of Research in Mechanical Engineering 4, 3, 104 - 109	India
00000-66764	Production of Biodiesel from Chicken Fat, Pork Fat and Combination of the above Two Feed Stocks	Jishy K J ,S. Sankar ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 110 - 114	India
00000-66770	Energy Efficiency Analysis of Thermal Power Plant Boilers	A G Vinchurkar ,R R Lakhe ,R L Shrivastava ,	2014	International Journal of Research in Mechanical Engineering 2, 3, 7 - 17	India
00000-66777	Structural Design and Evaluation of Low Cost Parabolic Trough Collector for Solar Applications	Lovin K John,Anoop Kumar S,Baiju V ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 115 - 121	India
00000-66788	Prestressed Modal Analysis of Non-Uniform Beam	Maneesh D Nair,Jessan Jacob,Hari Krishnan G,	2016	International Journal of Research in Mechanical Engineering 4, 3, 122 - 127	India
00000-66794	Implementing the Theory of Problem Solving Methodology in Developing Innovative Products	Manikantan R Nair,Anshadh A ,Abhishek V Gopal,Kiran Bose,	2016	International Journal of Research in Mechanical Engineering 4, 3, 128 - 134	India
00000-66804	Organic Rankine Cycle System for Waste Heat Recovery from Twin Cylinder Diesel Engine Exhaust	Munna S Nazeer,Sabi Santhosh S B,Mohammed Althaf E,Mohammed Riyas A,Sujith S Thekkummuri,	2016	International Journal of Research in Mechanical Engineering 4, 3, 135 - 141	India
00000-66810	Fabrication of Reverse Rolling Arrester and Anti-Theft Locking System for a Four Wheeler	Nakul Pradeep,Nikhil Subhash,R. Jayakrishnan ,Sabarinath R ,Sreeram S.P ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 142 - 146	India
00000-66817	Study of Structural Failure of Aircraft Using Six Sigma Methodology	Navneetha Krishnan J,Nandhu M Soman,Mohammed Riyas A,Ameesh Nath,Abhijith R ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 147 - 151	India
00000-66822	Continuously Self-Healing Aircraft Vertical Stabilizer-Rudder Assembly	Rinku Mathew,Sreejith N.K ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 152 - 158	India
00000-66825	Stress Analysis of Engineering Graduates Using Six Sigma Methodology	Sarath Sankar RU,Anshadh A ,Akhil.B.S ,Abhijith R ,	2016	International Journal of Research in Mechanical Engineering 4, 3, 159 - 164	India
00000-66831	Numerical Study of Influence of Leading Edge Geometry	Varsha Sreekumar S,Arun V T ,Ram Mohan R,	2016	International Journal of	India

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	on Heat Transfer Characteristics of Serrated Finned Tube Heat Exchanger				Research in Mechanical Engineering 4, 3, 165 - 171
00000-66835	Numerical Evaluation of the Heat Transfer Performance of In-Plane Coils with Different Cross-Sections	Viswajith V M ,Ram Mohan R,Aswin Sankar A S,	2016		International Journal of Research in Mechanical Engineering 4, 3, 172 - 177
00000-66841	Design of an Innovative Coconut Grating Machine Using Tinkercad	Sajil Raj P R,Anshadh A ,Samuel BT Raj,Ahsana A N ,	2016		International Journal of Research in Mechanical Engineering 4, 3, 178 - 182
00000-66845	Thermo-catalytic Approach to Breaking Down Long Chain Polymers to Short Chain Polymers	Deepak B ,Salman Nizarudin,	2016		International Journal of Research in Mechanical Engineering 4, 3, 183 - 189
00000-66851	Optimization of Fluid Application Parameters during Hard Turning of AISI H13 Tool Steel using Minimal Cutting Fluid Application	Anil Raj,K. Leo Dev Wins,A. S. Varadarajan ,	2016		International Journal of Research in Mechanical Engineering 4, 3, 190 - 196
00000-66854	Performance Evaluation of Genetic Algorithm on a Setup Cost Minimization Problem	Ganesh J ,	2016		International Journal of Research in Mechanical Engineering 4, 3, 197 - 206
00000-66858	Review on Functional Principles and Benefits of Additive Manufacturing	Deepu Sajeev,	2016		International Journal of Research in Mechanical Engineering 4, 3, 207 - 213
00000-66868	Simulation of Adhesive Layer in a Honeycomb Core Sandwich for Progressive Failure Analysis	Rahul V R ,K.C. Goplakrishnan ,R Ramesh Kumar,	2016		International Journal of Research in Mechanical Engineering 4, 3, 214 - 219
00000-66872	Hybrid Decision Making Approach for Evaluation of Mobile Network Operators with Improvement Strategies	Harikrishnan P ,Regi Kumar V,	2016		International Journal of Research in Mechanical Engineering 4, 3, 220 - 226
00000-66874	Measurement of Grinding Wheel Loading Using Thresholding Technique	Vipin Gopan,K. Leo Dev Wins,	2016		International Journal of Research in Mechanical Engineering 4, 3, 227 - 232
00000-66886	Solar Water Heater-Biogas Hybrid System for Maximum Utilization of Available Solar Energy	Chithira T.C ,Nivin Francis,Vimi K Wilson,	2016		International Journal of Research in Mechanical Engineering 4, 3, 233 - 238
00000-66893	CFD Analysis of Emission Characteristics for Mauha Methyl Ester with Diesel	R. Chandra Sekhar,M. Dev Anand,	2016		International Journal of Research in Mechanical Engineering 4, 3, 239 - 251
00000-66901	Experimental Analysis of Wear and Friction Performance of Pongamia oil Bio-lubricant with ZDDP Additive	Gurudatt H.M ,T. Nagaraju ,	2016		International Journal of Research in Mechanical Engineering 4, 3, 252 - 256

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00000-66908	A Fuzzy Data Handler Framework for Prioritization in Quality Function Deployment	Bichu Raj,Venu P ,Jeoju M Issac,	2016	International Journal of Research in Mechanical Engineering 4, 3, 257 - 262	India
00000-66914	Experimental Analysis of a Laboratory Scale Cooling Tower and Analyzing an Industrial Cooling Tower based on Results	M. Rohit Priyadarshan,R. Senthil Kumar,	2016	International Journal of Research in Mechanical Engineering 4, 3, 263 - 270	India
00000-66920	Design by Analysis of a Pressure Vessel Using ASME by Non-Linear Finite Element Method	Pranitha Prabhakaran,P.A. Jadhav ,	2016	International Journal of Research in Mechanical Engineering 4, 4, 1 - 10	India
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