

Chhotubhai Gopalbhai Patel Institute of Technology**Automobile/Mechanical Engineering Department****Research Paper Publication Details****A.Y. 2013-2014**

Sr. No.	Author Name	Title of Paper	Title of the Journal/Conference	ISSN/ISBN Number
1	Jignesh Gadhiya	Prediction of minimum machining time with desired surface roughness using particle swarm optimization method in turning process	International Journal of Scientific and Engineering Research	2229-5518
2	Dharti Parmar	Experimental Analysis of Convergent Divergent Nozzle	International Journal of Mechanical Engineering Research	2249-0019
3	Sandip G. Patel	Effect of Applying HPC Jet in Machining Of 42CrMo4 Steel Using Uncoated Carbide Inserts	GIT- Journal of engineering and technology	2249 – 6157
4	Mary Florence Alamothu	Efficiency Improvement Strategy for Dying and printing Mill Boiler	International Journal of Advanced Engineering and Research Developmen	2348-6406
5	A. J. Patel Hiren A Shah	Effect of Brake Power on Emission for different Blending ratio of Mahua Biodiesel in Diesel Engine	International Conference on Energy Efficient Technologies for Sustainability	978-1-4673-6148-4
6	Ramakant Panchal	Comparision of size and topology optimization of a textile component having rotating beam configuration	international conference on advance trends in engineering and technology (ICATET-2013)	978-81-925882-5-4
7	Ramakant Panchal	Size optimization of a textile component having rotating beam configuration	Internation Conference on Futuristic Trends in Mechanical & Industrial Engineering(FTIME-2013)	978-81-926383-0-0
8	Seema Lad S A Channiwala	comparative study of thermodynamic models for entrained bed gasifier	23rd national conference on I.C.Engines and combustion	2013NCICEC0509
9	Vikesh Patel Ramakant Panchal Sunny Desai	Shrinkage porosity elimination and surfaceroughness analysis in the investment casting of the hook used in pasta making machine	international conference on advance trends in engineering and technology (ICATET-2013)	978-81-925882-5-4
10	Ankit Desai	Analysis of whirling speed and Evaluation of self-excited motion of the rotating shaft	International Journal Of Engineering Sciences & Research Technology	2277-9655
11	Urvinkumar R. Patel	Examine the effect of speed on stress and displacement of pico hydro turbine blade for different materials	International Journal of Engineering evelopment and Research (IJEDR)	2321-9939
12	Soyeb S.Multani	Study of heat transfer phenomenon in the ladle for reduction of skull	International Journal of Engineering Research and Technology	2278-0181
13	Paresh C.Chhotani	An Experiment study on the effect of wick structure with different working fluid on performance of Lshaped heat pipe	International Journal of Engineering Research and Technology	2278-0181
14	SOYEB MULTANI	An Experimental study on the effect of wick structure with different working fluid on performance of l shaped heat pipe	International journal of engineering research and technology	2278-0181
15	Pranav Patel	Analysis of Radial and Tangential Static Forces for Critical Fillet Stress Studies of Crankshaft	International Journal of Emerging Technology and Advanced Engineering	2250-2459

16	Patel Mayur N	Single/Multiple Objective Optimization of Machining Parameter in Wire Cut Electrical Discharge Machining: An Overview	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY	2277-9655
17	Darshan Kapadia	Performance Analysis Of Small Size (Below 100cc) Engine With Supercharger Using Ethanol Gasoline Blend – A Review Paper	International Journal for Scientific Research & Development	2321-0613
18	Devendra Patel	Stress analysis of roll cage of an all-terrain vehicle	International Organization of Scientific Research Journal of Mechanical and Civil Engineering	2278-1684
19	Paresh C. Chhotani	An Experimental Study on the Effect of Wick Structure With Different Working Fluid on Performance of L-Shaped Heat Pipe	International Journal of Engineering Research & Technology	2278-0181
20	Manish Gadara	EXPERIMENTAL INVESTIGATION OF DOWNDRAFT GASIFIER ON LIGNITE	International journal of scientific research and development	2321-0613
21	Darshan Kapadia Atul Tank	A numerical modelling of an electric arc and computation of vapour flow in transferred arc system	5th International Conference in Advanced Mechanical Engineering	2320-334X
22	pratik umrigar	Review on " PARAMETRIC OPTIMIZATION OF SUBMERGED ARC WELDING ON STAINLESS STEEL-304"	1st international conference on contemporary issues in engineering & technology	978-81-929261-0-0
23	Sachin Gupta	"Comparative Assessment of Primitive Features Machined with Different Diameter End Mill Tools Using Reverse Engineering Technique"	5th International & 26th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2014)	978-8-19274-610-4
24	Sweta Jha	Design & Optimization of Anti Roll Bar by FEA	National conference on recent advancement in futuristic technologies	
25	Bhargav C. Patel	Optimizing and analysis of parameter for pipe welding: A literature review	International Journal of Engineering Research & Technology (IJERT)	2278-0181
26	Dharti Parmar	Experimental Analysis of Convergent Divergent Nozzle	International Journal of Mechanical Engineering Research	2249-0019
27	Mr. Piyush Patel	Characterization of segmented mirrors with micro motion mechanisms	Journal of Mechanical Engineering	2249-0531