

**Chhotubhai Gopalbhai Patel Institute of Technology**  
**Automobile/Mechanical Engineering Department**  
**Research Paper Publication Details**  
**A.Y. 2015-2016**

Sr. No.	Author Name	Title of Paper	Title of the Journal/Conference	ISSN/ISBN Number
1	Jainish Topiwala	Fluid Structure Interaction: Fundamentals And Applications - A Review	International Journal of Reseach in Mechanical Engineerin	2249-5762
2	Gaurav L. Gadhesaria	“Experimental investigation of greenhouse integrated with solar air heater and thermal energy storage”	International Journal for Innovative Research in Science and Technology	2349-6010
3	Lalaji N. Godhani	Modification and performance analysis of solar desalination system”	International journal for innovative research in science and technology	2349-6011
4	Sandip G Patel	Holistic analysis approach and Design improvement for crane sheave early Failure	International Journal of Science Technology & Engineering	2349-784
5	Bhargav C. Patel	Effect of analysis of heat input on residual stresses in dissimilar metals SMAW weld measured by x-ray diffraction, radiography and metallography	National Welding Seminar 2016	NA
6	Jayeshkumar Parekh Mayank Vyas S A Channiwala Jigar Gamit	Numerical Simulation of Flow Pattern in Flow Boiling Heat Transfer in Minichannel Using DM water for High Superheat Regime	FMFP-2016	978-93-5267-408-4
7	Manish Maisuria Dhaval Patel Krunal Parmar Urvin patel	Experimental Analysis of Combine Darrieus and Savonius Wind Turbine	Recent Trends in Engineering Science and Management(ICRTE SM-2016)	NA
8	Sandipkumar Prakashbhai Parmar Dr. Chinmay Desai	Optimization of process parameters for friction stir welding	Recent Advances in Engineering for Sustainability	978-93-83767-30-5
9	Bhargav Patel Umang M. Patel Dhaval Patel	Optimizing of Process Parameters in TIG Welding of SS304 pipe using Taguchi Method	6th Welding Research and Collaboration Colloquium	NA
10	Sachinkumar Patel Piyush Patel	A Review Study On Different Heat Transfer Equipments	International Research Journal of Engineering and Technology	2395-0056
11	Prakash Naik	Determination of Flow Stress Constants by Oxley's Theory	International Journal of Latest Technology in Engineering, Management & Applied Science	2278-2540
12	Piyush Patel Sachinkumar Patel	Designing a Fixture for machining gear shifting Fork	International Journal of Engineering Development and Research (IJEDR)	2321-9939
13	Hiren A Shah	Design, fabrication & analysis of heat pipe for methanol, ethanol & acetone as a working fluid	Futuristic Trends in Engineering & Technology	2348-4071 ISBN: 9-780993-909238
14	V U Patel	Optimization of heat sink analysis for electronic cooling	World Journal of Science & Technology	2231-2587
15	Krunal Gaywala Mr. Piyush Patel	CFD analysis of nanofluid through channel	International Journal for Fluid Engineering	0974-3138
16	Vinod U.Patel	A Review on seawater desalination technology and centencing solar plant	International Research Journal of Engineering and Technology	2395-0056
17	Piyush Patel	Design, Characterization and Testing of Hand operated Hydraulic Press	International Journal of Engineering research and Technology	2278-0181

18	Palak Desai	Design And Fabrication Of Solar Tri Cycle	International Journal Of Engineering Sciences & Research Technology	2277-9655
19	Darshan Kapadia	Design And Analysis Of Composite Leaf Spring For Light Weight Vehicle	International Journal Of Engineering Sciences & Research Technology	2277-9655
20	Brijesh R. Naik	Vibration analysis of hydro turbine test rig	International Journal of Current trends in engineering and research	2455 - 1392
21	Brijesh R. Naik	The effect of venturi design on jet pump performance.	International Journal for research	2395 - 7549
22	Krunal Parmar	Design And Experimental Analysis Of Solar Bicycle	International Journal of Scientific Development and Research	2455-2631
23	Vishal Mehta	Evaluation of the Fracture Parameters for SA 516 Grade 70 Material	IOSR Journal of Mechanical and Civil Engineering	2278-1684
24	Manish S. Maisuria	Experimental analysis of combined darrieus and savonius wind turbine	International Journal of Advanced Technology in Engineering and Science	2348-7550
25	Dharti Parmar	FLOW ANALYSIS OF SUBSONIC AND SUPERSONIC NOZZLES	Fluid Mechanics and Fluid Power – Contemporary Research	2195-4356