

**Chhotubhai Gopalbhai Patel Institute of Technology****Automobile/Mechanical Engineering Department****Research Paper Publication Details****A.Y. 2016-2017**

<b>Sr. No.</b>	<b>Author Name</b>	<b>Title of Paper</b>	<b>Title of the Journal/Conference</b>	<b>ISSN/ISBN Number</b>
1	Sandip G. Patel	Measuring a Centre of Gravity of an Object Using 4 Load Transducer Method.	International Journal of engineering research and Technology	2278-0181
2	Urvin Patel	Design And Manufacturing of Double Pipe Heat Exchanger	International Journal of Advance Engineering and Research Development	2348-6406
3	DEEP PAREKH	A REVIEW - ABRASIVE WATERJET MACHINING OF COMPOSITE MATERIALS	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING, SCIENCE & MANAGEMENT	2394-1766
4	DEEP PAREKH	A REVIEW – PARAMATRIC STUDY OF STRAIGHT LINE LASER FORMING USING OPTICAL FIBER LASER	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING SCIENCE AND TECHNOLOGY	2393-9877
5	DEEP PAREKH	CLASIFICATION OF CASTING DEFECTS : A REVIEW	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING SCIENCE AND TECHNOLOGY	2393-9877
6	Ankit Desai	DESIGN ANALYSIS AND OPTIMIZATION OF A COMPOSITE LEAF SPRING OF A CAR	Altair Technology Conference	NA
7	Haresh Ghoniya Bhargav C. Patel	Comparative study of manual and CAM generated CNC part program of Bezier curve and its effect on surface finishing	Research and innovations in science, engineering and technology	0971-3034
8	Arpit Solanki Brijesh Naik Manish Maisuria	CFD simulation of heat transfer in different material of pin fin	National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0
9	Harsh V Patel Darshan Kapadia	A CFD INVESTIGATION INTO THE TRANSIENT AERODYNAMIC FORCES INDUCED BY PASSING MANOEUVRES OF A TRUCK AND A CAR	RECENT TRENDS IN ENGINEERING & TECHNOLOGY	978-93-85665-68-4
10	Bhavin Gandhi Marry Florence Dharti Parmar Sudhakar Nakka	Thermal Analysis of Gas Turbine Blade with Various Materials	National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-1
11	Hiren Shah Piyush Patel Dhaval Patel	Design & FEM Analysis of Normal and Prosthetic Knee (TKR) Joint	International Conference on Emerging Trends in Mechanical Engineering	978-93-84659-77-6
12	Sudhakar Nakka Marry Florence Manish Maisuria Dhaval Patel	finite element analysis crank hook	National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0

13	Karan Joshi Hiren A Shah Sathish Dokiparti	Burr Formation Mechanism in Machining- A review	National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0
14	Hiren A Shah	Design & FEM Analysis of Normal and Prosthetic Knee (TKR) Joint	International Conference on Emerging Trends in Mechanical Engineering	978-93-84659-77-6
15	Parth Rathod Hiren A Shah	Simulation and Experimental Analysis of NACA 0015 Wind Turbine Blade	International Conference on Emerging Trends in Mechanical Engineering	978-93-84659-77-6
16	Rahul Kathiwala Hiren A Shah Karan Joshi	Study on Various Geometries of Automobile Microchannel Condenser: A Review	Proceedings of National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0
17	Jenish H Patel Manish Maisuria Keyur Patel Pratik Umarigr	Thermal Analysis of a brake disc rotor	SIEICON-2017	2348-4470
18	Manish Maisuria Urvin Patel	Experimental investigation and CFD analysis of Disc Brake	1st International Conference on Current Research in Engineering (SIEICON-2017)	2348-4470
19	Manish Sureshbhai Maisuria pratik umrigar	Thermal anaysis of break disc rotor	1st International Conference on Current Research in Engineering (SIEICON-2017)	2348-4471
20	pratik umrigar K. Zala Vishal Joshi	Performance analysis of single cylinder diesel engine by using alcohol-blends & fuel additives	Proceedings of National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0
21	Ramakant Panchal	Defects Elimination and Design Modification in the Investment Casting of the Hook Used In Pasta Making	International conference on recent trends in engineering and technology	978-93-85665-68-4
22	Indresh Master bhavesh Jodhani Janak Chavda Mitul Dhandhukiya Ramakant Panchal	Design and analysis of nine tyne cultivator	National conference on progress,research and innovation in mechanical engineering	978-81-933591-5-0
23	Vikesh Patel Ramakant Panchal Sunny Desai	Defects Elimination and Design Modification in the Investment Casting of the Hook Used In Pasta Making	International conference on recent trends in engineering and technology	978-93-85665-68-4
24	Neel Patel Mitesh Panchal Hemil Joshi Soham Soni Vikesh Patel	Design and development of polygon turning attachment	National Conference on Progress, Research and Innovation in Mechanical Engineering (PRIME)	978-81-933591-5-0
25	Vikesh Patel	Experimental Investigation & CFD Analysis of Disc Break	SIEICON-2017	2348-4470
26	Viren Bagadiya K. Zala Mayur Patel	Experimental set up of Automotive Air conditioning Based on Vapour Absorption Refrigeration Sysem	SIEICON-2017	2348-4470
27	Viren Bagadiya Mayur Patel K.Zala	To study Pressuredrop in pipe	National conference on progress,research and innovation in mechanical engineering	978-81-933591-5-0

28	Bhrugesh Radadiya kamlesh ghava Viren Bgadiya	Weight Reduction Of Tractor's Trolley Axle By Suitable Material Selection	ICIE 2017	978-93-86238-39-9
29	Deep D. Parekh, Dr. A. A. Shaikh	A PREDICTIVE DEPTH OF PENETRATION MODEL FOR ABRASIVE WATER JET CUTTING OF ABS (ACRYLONITRILE BUTADIENE STYRENE) PLASTIC	Advances in Materials & Product Design	NA
30	Vipul M Patel Gaurav Singh Hemant B Mehta	Experimental Investigation on the effect of influencing parameters on operating regime of closed Loop pulsating heat pipe	Heat and Mass Transfer IHMTTC-2017	IHMTTC2017131428
31	Kapilkumar Gohil Dr. Chinmay K Desai Sachin Gupta Manohn Stephen	A study of thermal residual stresses for SS316LN multi-pass butt weld joint at variable heat input.	AMPT-2017	NA