

Dr. Jivraj Mehta Institute of Technology, Mogar

Department of Mechanical Engineering

Paper Publication Detail

Sr. No.		National/ International	Journal/ conference	Name	Topic	Authors	Year, Volume (Issue); page number	ISSN/ISBN Number	Venue of Conference
1	MUKESH MAKWANA	International	Journal	International Journal of Research in Engineering and Technology	Effect of Nanofluid on Friction Factor of Pipe and Pipe Fittings: Part II Effect of Copper Oxide Nanofluid	M.N. Makwana, N.K. Chavda, G.V. Patel, M. R. Bhadauria	Volume: 04 Issue: 04 Apr-2015	eISSN: 2319-1163 pISSN: 2321-7308	
2		International	Journal	International Journal of Research in Engineering and Technology	Effect of Nanofluid on Efficiency of Centrifugal Pump	M.N. Makwana, N.K. Chavda, G.V. Patel, M. R. Bhadauria	Volume: 04 Issue: 04 Apr-2015	eISSN: 2319-1163 pISSN: 2321-7308	
3		International	Conference	International Conference on Research and Innovations in Science, Engineering & Technology	Numerical Investigation of Pressure-Drop in Valve Test-rig Design	M.N. Makwana, Dr. N.K. Chavda, G.V. Patel, Akash Patel	Volume 1, 2017, Pages 464-469		
4	DR. MANISH MEHTA	International	Journal	The Minerals, Metals and Materials Society and ASM International	Tool geometry for friction stir welding - Optimum Shoulder Diameter	Arora A., Mehta M., De A., T. DebRoy,	Volume 42A, Pages 2716-2722, September 2011		
5		International	Journal	Trends in Welding Research	Probing Load bearing capacity of circular and non-circular tool pins in friction stir welding.	Mehta M., De, A., DebRoy,	Volume 19, Issue 6, Pages 563-571		Chicago, USA, June 2012
6		International	Journal	Science and Technology of Welding and Joining	Monitoring torque and traverse force in friction stir welding from input electrical signatures of driving motors.	Mehta M., Chatterjee, K., De,	Volume 18, Issue 3, Pages 191-197		
7		International	Journal	The International Journal of Advanced Manufacturing Technology	Load bearing capacity of tool pin during friction stir welding.	Arora, A., Mehta M., De, A., DebRoy,	Volume 61, Issue 9, Pages 911-920, 30 November 2011		
8		International	Journal	International Journal of Technical Innovation in Modern Engineering & Science	Experimental And Numerical Study Of Shell And Tube Heat Exchanger By Varying The Inner Radii Of Corrugated Tube	Dr. Manish Mehta, Jugal Shah	Volume 5, Issue 04, April-2019 Pages 629-640	ISSN: 2455-2585	
9	International	Journal	International Journal of Advance Research in Engineering, Science & Technology	CFD Analysis to Determine Toxic Level in Underground Car Parking and Applying Jet Fans to Remove Hazardous Gases For Basement-1	Vivek patel , sagar bhavsar , Avdhoot Jejurkar, darshan gajdhar	Volume 3, Issue 4, April - 2016, 355-368	e-ISSN: 2393-9877, p-ISSN: 2394-2444		
10	National	Conference	Innovations in Mechanical Engineering	ng finned tube heat exchanger and Liquid Desiccant	Arunal Patel, Niyati M Shah, Avdhoot Jejurkar	Volume 8, Issue 4, April - 2017, 61-65		SIT, Loanavala 7-9 April 2017	
11	International	Journal	International Journal of Scientific Research and Development (IJSRD)	Review on Performance and Working of Wells Turbine for Wave Power Conversion	Jugal Shah , Devendra Patel , Avdhoot Jejurkar	Volume 4, Issue 3, 01 june 2016, 129-132	ISSN - 2321 0613		
12	National	Conference	Innovations in Mechanical Engineering	A Review of Air Conditioning with the use of Mini-Channel and Micro-channel Heat Exchanger	Arunal Patel, Shemal K Parmar, Avdhoot Jejurkar	Volume 8, Issue 4, April - 2017, 109-113		SIT, Loanavala 7-9 April 2017	
13	International	Journal	International Journal of Applied Research and Studies	Review on Performance and Development of Experimental setup pf Solar water distillation	Kanu Gohel, Avdhoot Jejurkar	Volume 2, Issue 1, January - 2013, 1-7	ISSN - 2278 9480		
14	International	Journal	International Review of Applied Engineering Research (IRAER)	Rich Burn Quick Mix Lean Combustor Concept	Swati Prajapati, Digvijay B. Kulshreshtha, A.N. Jejurkar	Volume 1, Number 2 (2011), pp. 115-121	ISSN: 2248-9967		
15	International	Journal	International Journal of Applied Engineering Research (IAER),	Tubular Combustion Chamber for Micro Gas Turbine Application: Numerical Simulations	Brijesh Dharani, Digvijay Kulshreshtha, K.C. Joshi, A.N. Jejurkar	Volume 6, Number 11 (2011), pp. 1413-1419	ISSN: 0973-4562		
16	International	Journal	International Journal on Science and Technology (IJST)	Evaluation of Biomass Combustion Based Hot Air Generator Coupled with Fruits/ Vegetable Dryer	Sachin Ghanchi, Avdhoot Jejurkar, Devang Pareek, Vikas Verma	20-21 January 2012 and Volume 2, Special Issue 2012, pp. 326-334	ISSN: 2229-7677		
17	International	Journal	International Journal on (IJAERD)	An Overview of Vortex Tube Applications	Avdhoot Jejurkar, Dr. Ajit Shukla	26th feb 2015		Dr. Jivraj Mehta Institute of Technology (DJMIT)	
18	International	Conference	International Conference Green Power 4-Sustainable Energy and Development for Improved Quality of Life, New Delhi.	Study of Validity of Software for the Known Site of Windfarm.	Makwana M. N., Jejurkar A. N., Karhadkar G. D.	October 16-17, 2003, pp. 244-255	Published	New Delhi.	

19	AVDHOOT JEJURKAR	National	Journal	The Indian Journal of Technical Education (IJTE)	Study of Performance Comparisons of Integrated Gasification Combined Cycle Power Plant	Devang A. Thakar, Avdhoot N. Jejurkar, Dr. Nirvesh S. Mehta, Minesh T. Patel	14 th -15 th April 2012, pp.73-77	ISSN: 0971-3034	Parul Inst. of Engg. & Tech. at Ahmedabad
20		National	Journal	The Indian Journal of Technical Education (IJTE)	Heat Transfer Analysis In Automobile Radiator	Krunal Suryakant , Kayastha, Avdhoot N. Jejurkar	14 th -15 th April 2012, pp. 33-37	ISSN: 0971-3034	Parul Inst. of Engg. & Tech. at Ahmedabad
21		National	Journal	The Indian Journal of Technical Education (IJTE)	3-D Computational Study of Heat Transfer through Tube Bundles with Triangular Pitch of Shell and Tube Heat Exchanger	Tejal M. Rana, Vivek C. Joshi, Avdhoot N. Jejurkar	14 th -15 th April 2012, pp.49-53	ISSN: 0971-3034	Parul Inst. of Engg. & Tech. at Ahmedabad
22		National	conference	National Science and Technology Entrepreneurship Development Board (NSTEDB)	Biomass Gasification Technology for Improved Viability	Patel A. R., Jejurkar A. N.	Vol. 9, No. 8, August 2001, pp 3-6	ISSN:0972-2033	Entrepreneurship Development Madhya Pradesh (CEDMAP), Bhopal.
23		National	conference	National Science and Technology Entrepreneurship Development Board (NSTEDB)	Biomass Gasification Technology for Improved Viability	Patel A. R., Jejurkar A. N.	Vol. 12, No. 11, November 2004, pp. 79-82. (Platinum Issue)	ISSN:0972-2033	Entrepreneurship Development Madhya Pradesh (CEDMAP), Bhopal.
24		National	conference	Recent Developments in Mechanical Engineering YANTRA	Energy Saving Techniques in Air-Conditioned Buildings	Mehta J. R., Jejurkar A. N.	23-24 December 2005, pp. 270-273.	Presented and Published	SVERI's College of Engineering, Pandharpur.
25		National	conference	National Conference ECKAME 2006 on 'Advances in Mechanical Engineering.	Ammonia-Water Mixtures as Working Fluid in Power Cycle and Combined Power and Refrigeration Cycles	Vaze M. J., Jejurkar A. N., Mehta J. R.	18-19 March 2006, pp. 76-81.	Published	
26		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Performance Comparison of Cryogenics Machining and Conventional Machining	Dave Priyank V, Jejurkar A. N.	4th-5th December 2010, pp. 7-10.	Presented and Published	
27		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Test Room Development for Bulk Milk Cooler	Solanki Raj, Jejurkar A. N.	4th-5th December 2010, pp. 15-18	Presented and Published	
28		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Thermal Performance Test on Box Type Solar Cooker	Prajapati Swati, Jejurkar A. N.	4th-5th December 2010, pp. 47-52	Presented and Published	
29		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Study of Solar Chimney Power Plant	Patel Hiren T, Jejurkar A. N.	4th-5th December 2010, pp. 65-72	Presented and Published	
30		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Performance Analysis of Natural Draft Cooling Tower	Dave Priyank V, Jejurkar A. N.	4th-5th December 2010, pp. 127-131	Presented and Published	
31		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Bio-Ethanol as Alternative Fuel	Chauhan Bharat, Joshi K. C, Jejurkar A. N.	4th-5th December 2010, pp. 147-152	Presented and Published	
32		National	conference	2 nd National Conference on Emerging Vistas of Technology in 21 st Century-NCEVT-10 Futuristic Trends in Mechanical Engineering	Estimation of Shell Side Overall Heat Transfer Coefficient using CFD	Bhavsar Nirav, Jejurkar A. N.	4th-5th December 2010, pp. 153-156	Presented and Published	
33	National	conference	4 th National Conference on Emerging Trends in Mechanical Engineering,	Estimation of Heat Transfer Coefficient over Tube Bundle using CFD	Bhavsar Nirav, Jejurkar A. N.	18th-19th March 2011.	ISBN:978-81-909376-3-4		

34	National	Conference	Innovations in Mechanical Engineering	Integrating finned tube heat exchanger and Liquid Desiccant Cooling	Krunal Patel, Niyati M Shah, Avdhoot Jejurkar	Volume 8, Issue 4, April - 2017, Pages 61-65		SIT, Loanavala 7-9 April 2017
35	National	Conference	Innovations in Mechanical Engineering	A Review of Air Conditioning with the use of Mini-Channel and Micro-channel Heat Exchanger	Krunal Patel, Shemal K Parmar, Avdhoot Jejurkar	Volume 8, Issue 4, April - 2017, Pages 109-113		SIT, Loanavala 7-9 April 2017
36	International	Journal	IJAERD - International Journal of Advanced Engineering and Research Development	CFD ANALYSIS OF AUTOMOBILE RADIATOR AS A HEAT EXCHANGER	Darshan Gajdhar, Avdhoot Jejurkar	Volume 5, Issue 09, April 2019	e-ISSN (O) - 2348-7473 p-ISSN (p)- 2348-6406	
37	International	Journal	International Journal of Technical Innovation in Modern Engineering & Science	A Review on Experimental Analysis of the Thermoacoustic refrigerator	Darshan Gajdhar, Avdhoot Jejurkar, Akash Patel	Volume 5, Issue 04, April-2019	ISSN: 2455-2585	
38	International	Journal	International Journal of Engineering and Social Science	Stress And Displacement Analysis Of Turbine With Stainless Steel Rotor Blade Material	Devendra A. Patel, Milap M. Madhikar and Kunal A. Chaudhari	Volume 1 Issue 2 November-2011 Florida, USA pp. 83-90	ISSN: 2249- 9482	
39	International	Journal	International Review of Applied Engineering Research	Finite Element Analysis of Axial Flow Impulse Turbine with Aluminium Material	Devendra A. Patel, Milap M. Madhikar and Kunal A. Chaudhari	Volume 2, Number 1 January-2012 pp. 15-22	ISSN 2248-9967	
40	International	Journal	International Journal of Engineering Research and Technology	CFD Analysis of Axial Flow Turbine	Devendra A. Patel, Milap M. Madhikar and Kunal A. Chaudhari	Volume 5, Number 1 January-2012 pp. 111-117.	ISSN 0974-3154	
41	International	Journal	International Journal of Industrial Engineering and Technology	Heat Transfer Analysis of Oil Cooler Shell and Tube Type Heat Exchanger using CFD	Devendra A. Patel, Milap M. Madhikar, Kunal A. Chaudhari, and Nirav B. Rathod	Volume 4, Number 1 January-2012. pp. 41-46	ISSN 0974-3146	
42	International	Journal	International Journal of Mechanics and Thermodynamics	CFD Analysis of Feed Water Heater at Full Load Condition	Devendra A. Patel, Milap M. Madhikar, Kunal A. Chaudhari, and Nirav B. Rathod	Volume 3, Number 1 January-2012. pp. 11-18.	ISSN 2278-361X	
43	International	Journal	International Journal of Engineering and Manufacturing Science	Finite Element Analysis of Bevel Pinion and Bevel Gear by Changing Gear Module	Devendra A. Patel, Milap M. Madhikar, Nirav B. Rathod, Kamlesh C. Patel	Volume 2, Number 2 September-2012 pp. 87-94	ISSN 2249-3115	
44	International	Journal	International Journal of Software Engineering	Contact Stress Analysis of Bevel Gear by Changing Number of Teeth by FEA Software Ansys	Devendra A. Patel, Milap M. Madhikar, Nirav B. Rathod, Kamlesh C. Patel	Volume 3, Number 2 September-2012 pp. 85-92.	ISSN 0974-3162	
45	International	Journal	International Journal of Industrial & Production Engineering & Technology	Stress Analysis of Involute Bevel Gear System by Changing Torque using Ansys Software	Devendra A. Patel, Milap M. Madhikar, Nirav B. Rathod, Kamlesh C. Patel	Volume 2, Number 1 October-2012. pp. 27-31.	ISSN 2249-4219	
46	International	Journal	IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	FE analysis of Runner Blade for Small Bulb Turbine	Mr. Manish Maisuria, Mr. Devendra A. Patel	Mar-April 2014.	e-ISSN: 2278-1684, p-ISSN: 2320-334X, PP 34-38	
47	International	Journal	International Journal of Engineering Research and Technology	Analyse the effect of different clearance on performance on bulb turbine using Ansys	Mr. Manish Maisuria, Mr. Devendra A. Patel. Twinkal M. Bhavsar	Vol-3, Issue-05 May-2014	ISSN: 2278-0181	
48	International	Journal	International Journal of Mechanical Engineering and Robotics Research	Analyse the effect of mass flow rate on the efficiency of pico turbine & validate with experimental results	Mr. Urvin Patel Mr. Devendra A. Patel Mr. Manish Maisuria	Vol. 3, No. 3, July 2014.	ISSN 2278-0149	

49	International	Journal	International Journal of Mechanical Engineering and Robotics Research	FE Analysis of Runner Blade for wells turbine	Mr. Kevin Patel, Mr. Devendra A. Patel	Vol. 3, No. 3, July 2014	ISSN 2278-0149	
50	International	Journal	International Journal of Emerging Technology and Advanced Engineering	Analysis of Radial and Tangential Static Forces for Critical Fillet Stress Studies of Crankshaft	Pranav B. Patel, Kamlesh C. Patel, Devendra A. Patel Ankit J. Desai	Volume 4, Issue 7, July, 2014.	ISSN 2250-2459, ISO 9001:2008	
51	International	Journal	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY	Analysis of whirling speed and Evaluation of self-excited motion of the rotating shaft	Ankit J. Desai Devendra A. Patel Pranav B. Patel,	July 2014,	ISSN: 2277-9655	
52	International	Journal	International Journal of Engineering Development and Research (IJEDR)	Examine the effect of speed on stress and displacement of pico hydro turbine blade for different materials	Urvinkumar R. Patel, Devendra A. Patel, Ankit Desai	Volume 2 Issue 4 Dec 2014 pp.3773-3777	e-ISSN Number 2321-9939	
53	International	Journal	International Journal of Scientific Research and Development (IJSRD)	Current Status of wells turbine for Wave energy conversion	Jayendra J. Patel Tejendra Patel Devendra A. Patel	Volume 2 Issue 11 Jan 2015	e-ISSN Number 2321-0613	
54	International	Journal	International Research Journal of Engineering and Technology	A Review Study on Different Heat Transfer Equipments	Sachinkumar Patel, Devendra A. Patel, Piyush Patel	Volume: 02, Issue: 02, May-2015	e-ISSN: 2395 -0056 p-ISSN: 2395-0072	
55	International	Journal	International Journal of Engineering Research and Technology	To Examin the effect of Mass flow rate on cross flow turbine using comutational fluid Dynamics	Jay D. Patel, Kirtan D. Patel Devendra A. Patel	Volume: 04, Issue: 05, May-2015	ISSN: 2278-0181	
56	National	Conference	1 st National Conference on Thermal, Fluid and Manufacturing Science	Stress Analysis Of Axial Flow Impulse Turbine	Devendra A. Patel, Milap M. Madhikar, Kunal A. Chaudhari	January 20-21, 2012		C. K. Pithawala College of Engineering and Technology, Surat
57	National	Conference	1 st National Conference on Thermal, Fluid and Manufacturing Science	Computer Simulation on Flow and Heat Transfer at Tube -Side of Feed Water Heater	Milap M. Madhikar Devendra A. Patel, Kunal A. Chaudhari	January 20-21, 2012		C. K. Pithawala College of Engineering and Technology, Surat
58	National	Conference	National Conference on Recent Advances in Engineering for Sustainability	An Effect of Rotational Speed on Performance of Tesla Disc Turbine Using CFD	Kirtan D. Patel, Devendra A. Patel	May 29-30, 2015		C. G. Patel Institute of Technology, Bardoli(Uka Tarsadia University)
59	National	Conference	National Conference on Recent Advances in Engineering for Sustainability	Current Status of Wind Turbine & It's Challenges & Opportunities	Parth B. Rathod, Kirtan D. Patel, Devendra A. Patel	May 29-30, 2015		C. G. Patel Institute of Technology, Bardoli(Uka Tarsadia University)
60	National	Conference	National Conference on Recent Advances in Engineering for Sustainability	Current Scenario of Gas Turbine on Improving Performance and Life	Arpit K. Solanki, Jay D. Patel, Devendra A. Patel	May 29-30, 2015		C. G. Patel Institute of Technology, Bardoli(Uka Tarsadia University)
61	National	Conference	National Conference on Recent Advances in Engineering for Sustainability	Performance Evaluation of Cross Flow Turbine on Different Rotational Speed of Runner	Jay D. Patel, Devendra A. Patel	May 29-30, 2015		C. G. Patel Institute of Technology, Bardoli(Uka Tarsadia University)
62	National	Conference	National Conference on Recent Advances in Engineering for Sustainability	Design and Analysis of Hybrid Tricycle	Dhanraj D. Gohil, Amedaram S. Godara, Devendra A Patel, Keyur C Patel, Ramakant I. Panchal.	May 29-30, 2015		C. G. Patel Institute of Technology, Bardoli(Uka Tarsadia University)
63	International	Conference	International Conference on Advances in Engineering and Technology	Stress Analysis of Roll Cage for an All Terrain Vehicle	Denish S. Mevawala, Mahesh P. Sharma, Devendra A. Patel, Darshan A. Kapadia	January 8, 9, 2014.		Anjuman College of Engineering and Technology, Nagpur
64	International	Conference	International Conference on Advances in Engineering and Technology	Static Analysis of Steering Knuckle and Its Shape Optimization	Mahesh P. Sharma, Denish S. Mevawala, Harsh Joshi, Devendra A. Patel	January 8, 9, 2014.		Anjuman College of Engineering and Technology, Nagpur

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65		International	Conference	3rd Afro - Asian International Conference on Science, Engineering & Technology, (AA-IC-SET-2015)	Effect of change in flow co-efficient with different Speed on the performance of Wells turbine	Urvin R. Patel, Devendra A. Patel	March 27-28, 2015		Government Engineering College, Bharuch
66		International	Conference	International Conference on "Engineering: Issues, Opportunities and Challenges for Development"	Analyse the effect of different number of blades on performance of cross flow turbine using CFD software	Jay D. Patel, Devendra A. Patel			S.N. Patel Institute of Technology & Research Centre, Bardoli
67		International	Conference	International Conference on "Engineering: Issues, Opportunities and Challenges for Development"	Predicting performance of Tesla turbine using computational fluid dynamics	Kirtan D. Patel, Devendra A. Patel			S.N. Patel Institute of Technology & Research Centre, Bardoli
68	Darshan GajDhar	International	Journal	Internation Journal of Futuristic Trends in Engineering and Technology	Design and Performance Evaluation of a Cold Room for Ice Cream	Prof.Darshan GajDhar, Prof R.R. Shah, Prof B.J. Dutt.	Vol. 1 (04), 2014	ISSN: 2348-5264 (Print), ISSN: 2348-4071 (Online)	
69		International	Journal	Internation Journal of Futuristic Trends in Engineering and Technology	Air Flow and Temperature Analysis of Cold Room	Prof.Darshan GajDhar	Vol. 1 (07), 2014-2015	ISSN: 2348-5264 (Print), ISSN: 2348-4071 (Online)	
70		National	conference	Internation Journal of Research in Mechanical Engineering	Review on performance and working of coldroom components	Prof.Darshan GajDhar	2014		Dr. Jivraj Mehta Institute of Technology
71		International	Journal	Internation Journal of science Technology and Engineering	Experimental of air flow in cold storage to minimize the weight loss of vegetable using CFD analysis	Darshan Gajdhar	vol 5, Issue 4, Nov2018 Pages 78-82	ISSN: 2349-784X (Online)	
72		International	Journal	IJAERD - International Journal of Advanced Engineering and Research Development	CFD ANALYSIS OF AUTOMOBILE RADIATOR AS A HEAT EXCHANGER	Darshan Gajdhar, Avdhoot Jejurkar	Volume 5, Issue 09, April 2019	e-ISSN (O) - 2348-7473 p-ISSN (p)- 2348-6406	
73		International	Journal	International Journal of Technical Innovation in Modern Engineering & Science	A Review on Experimental Analysis of the Thermoacoustic refrigerator	Darshan Gajdhar, Avdhoot Jejurkar, Akash Patel	Volume 5, Issue 04, April-2019	ISSN: 2455-2585	
74	Yagnesh Shrimali	International	Journal	International Journal of Advance Research and Innovative Ideas in Education	OPTIMIZATION OF MACHINING PARAMETERS FOR TURNING DIFFERENT MATERIALS	Yagnesh Shrimali, Divyesh Dave	Volume 3, Issue -6, 2017	ISSN : 2395-4396	
75	Mahesh Chavda	International	Conference	International Conferences on condense matter and applied physics	Effect of Gas Ratio on Tribological Properties of Sputter Deposited TiN Coatings	Mahesh Chavda	Apr-15		Bikaner, Rajasthan
76		National	Journal	National Conference on Design, Analysis and Optimization in Mechanical Engineering	"A review paper on properties of TiN coating synthesised by sputtering".	Mahesh Chavda	2016		M.S. University, Vadodara
77	Vikram Oza	International	Journal	International Journal of Scientific Research and Development (IJSRD)	Analysis and optimization of extrusion process using hyperworks	Vikram Oza, Brijesh Gotawala	Vol. 2, Issue 08, 2014	e-ISSN Number 2321-0613	SVMIT, Bharuch
78	Rohit Manish	International	Journal	International Journal of Scientific Research and Development (IJSRD)	Investigation on effect of heat input in SAW welding for pressure vessel	Manish Rohit	Vol. 2, Issue 05, 2014	e-ISSN Number 2321-0613	
79	Sagnesh Gaikwad	International	Journal	International Journal For Technological Research In Engineering	Experimental and Stastical Analysis of PVD and CVD coated cutting tools based on tool wear in end milling of EN 8	Sagnesh Gaikwad	Volume 1, Issue 9, May-2014	ISSN-2347-4718	
80	Jugal Shah	International	Journal	International Journal of Scientific Research and Development (IJSRD)	Review on Performance and Working of Wells Turbine for Wave Power Conversion	Jugal Shah , Devendra Patel , Avdhoot Jejurkar	Volume 4, Issue 3, 01 june 2016, 129-132	ISSN - 2321 0613	
81				International Journal of Scientific Research and Development (IJSRD)	Review on Heat Transfer Characteristics for Corrugated tube in a Double pipe Heat Exchanger	Jugal Shah , Devendra Patel , Avdhoot Jejurkar	Volume 4, Issue 3, 01 june 2016, 1551-1555	ISSN - 2321 0613	
82		International	Journal	International Journal for Scientific Research development	Review paper on Automatic Capping Machine by using Cam Profile	Jugal Shah, Shubham Pandey, Yagnesh Patel, Parth Raval, Nirav Gevariya	Volume 7, Issue 2, April 2019, Pages 1060-1064	ISSN: 2321-0613	
83		International	Journal	International Journal of Technical Innovation in Modern Engineering & Science	Experimental And Numerical Study Of Shell And Tube Heat Exchanger By Varying The Inner Radii Of Corrugated Tube	Jugal Shah, Dr. Manish Mehta	Volume 5, Issue 04, April-2019 Pages 629-640	ISSN: 2455-2585	
84		International	Journal	International Journal of Advance Research in Engineering, Science & Technology	CFD Analysis to Determine Toxic Level in Underground Car Parking and Applying Jet Fans to Remove Hazardous Gases For Basement-1	Vivek patel , sagar bhavsar , Avdhoot Jejurkar, darshan gajdhar	Volume 3, Issue 4, April - 2016, 355-368	e-ISSN: 2393-9877, p-ISSN: 2394-2444	
85		International	Journal	Internation Journal of science Technology and Engineering	Experimental of air flow in cold storage to minimize the weight loss of vegetable using CFD analysis	Prof.Darshan GajDhar	vol 5 (4), 2018	ISSN: 2349-784X (Online)	

86	Vivek Patel	International	Journal	International Journal of Advance Research in Engineering, Science & Technology	Design and Modelling of Chainless Bicycle with gear mechanism	Vivek Patel, Akash patel, Amit patel	Volume 4, Issue 5, May - 2017	e-ISSN: 2393-9877, p-ISSN: 2394-2444	
87		International	Journal	International Journal of Advance Engineering and Research development	Experimentation and Analysis to develop polynomial design for Condenser tubes	Vivek Patel, Parekh Hirenkumar, Darshan Gajdhar, Brahmhatt Parthivkumar	Volume 06, Issue 04, April 2019, Pages 155-160	ISSN: 2348-6406	
88		International	Journal	International Journal of Modern Engineering Research	Investigating the effect of variable speed condenser fan on performance parameter of split A.C	Vivek Patel, Maheshwari Arvind, Krunal Shah	Volume 9, issue 5, May 2020	ISSN: 2277-7881	
89		International	Journal	International Journal of Advance Research in Engineering, Science & Technology	Structural Analysis and Optimization of Truck chassis	Patel Amitkumar, Patel Atulkumar, Patel Devendra	Volume 3, Issue 2, February-2016	e-ISSN: 2393-9877, p-ISSN: 2394-2444	
90	Amit Patel	International	Journal	International Journal of Advance Research in Engineering, Science & Technology	Design and Modelling of Chainless Bicycle with gear mechanism	Vivek Patel, Akash patel, Amit patel	Volume 4, Issue 5, May - 2017	e-ISSN: 2393-9877, p-ISSN: 2394-2444	
91		International	Journal	International Journal of Advance Research in Engineering, Science & Technology	Design and Modelling of Chainless Bicycle with gear mechanism	Vivek Patel, Akash patel, Amit patel	Volume 4, Issue 5, Aug - 2017 pages 366-368	e-ISSN: 2393-9877, p-ISSN: 2394-2444	
92	Sunil Bachani	International	Conference	2nd International Conference on Design, Analysis, Manufacturing and Simulation	Effect of Activating flux on the welding joint characteristics and micro-structure in TIG	Sunil Bachani	Apr-16		Department of Mechanical Engineering, Saveetha University, Chennai
93		National	Journal	Nirma University Journal of Engineering and Technology (NUJET)	Multi-objective optimization of process parameter in Activated Tungsten Inert Gas (A-TIG) Welding	Sunil Bachani, N.D Ghetiya	Vol 6, Issue 1 Jan-Jul 2018 Pages 13-20	ISSN: 2231-2870	
94	Maulik Patel	National	Journal	Journal of Thermal Engineering and Applications	A Review -Energy and Exergy Analysis of Boiler and Turbine for Thermal Power plant	Maulik Patel	Volume 3, Issue 2, June 2016	ISSN: 2349-8994	