

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	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		
2		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
3		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		
4		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		
5		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	
6		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	
7		National	Conference	Innovations in Mechanical Engineering	Long 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
8		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	
9		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
10		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	
11		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	
12		International	Journal	International Journal of Applied Engineering Research (IJAER),	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	
13		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	
14		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)
15		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.
16		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

17		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
18		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
19		National	conference	National Science and Technology Entrepreneurship Development Board (NSTEDB)	Biomass Gasification Technology for Improved Viability	Patel A. R., Jeurkar A. N.	Vol. 9, No. 8, August 2001, pp 3-6	ISSN:0972-2033	Entrepreneurship Development Madhya Pradesh (CEDMAP), Bhopal.
20		National	conference	National Science and Technology Entrepreneurship Development Board (NSTEDB)	Biomass Gasification Technology for Improved Viability	Patel A. R., Jeurkar A. N.	Vol. 12, No. 11, November 2004, pp. 79- 82. (Platinum Issue)	ISSN:0972-2033	Entrepreneurship Development Madhya Pradesh (CEDMAP), Bhopal.
21		National	conference	Recent Developments in Mechanical Engineering YANTRA	Energy Saving Techniques in Air-Conditioned Buildings	Mehta J. R., Jeurkar A. N.	23-24 December 2005, pp. 270-273.	PresentedandPublished	SVERI's College of Engineering, Pandharpur.
22	AVDHOOT JEJURKAR	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., Jeurkar A. N., Mehta J. R.	18-19 March 2006, pp. 76-81.	Published	
23		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, Jeurkar A. N.	4th-5th December 2010, pp. 7-10.	PresentedandPublished	
24		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, Jeurkar A. N.	4th-5th December 2010, pp. 15-18	PresentedandPublished	
25		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, Jeurkar A. N.	4th-5th December 2010, pp. 47-52	PresentedandPublished	
26		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, Jeurkar A. N.	4th-5th December 2010, pp. 65-72	PresentedandPublished	
27		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, Jeurkar A. N.	4th-5th December 2010, pp. 127-131	PresentedandPublished	
28		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., Jeurkar A. N.	4th-5th December 2010, pp. 147-152	PresentedandPublished	
29		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, Jeurkar A. N.	4th-5th December 2010, pp. 153-156	PresentedandPublished	

30		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	
31		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
32		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
33		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	
34		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	
35	Darshan GajDhar	International	Journal	International 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)	
36		International	Journal	International 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)	
37		National	conference	International Journal of Research in Mechanical Engineering	Review on performance and working of coldroom components	Prof.Darshan GajDhar	2014		Dr. Jivraj Mehta Institute of Technology
38		International	Journal	International 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)	
39		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	
40		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	
41	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	
42	Mahesh Chavda	International	Conference	International Conferences on Condensed Matter and Applied Physics	Effect of Gas Ratio on Tribological Properties of Sputter Deposited TiN Coatings	Mahesh Chavda	Apr-15		Bikaner, Rajasthan
43		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
44	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	
45				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	

46	Jugal Shah	International	Journal	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	
47		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	
48		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	
49	Vivek Patel	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	
50		International	Journal	International 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)	
51		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	
52		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,Brahmbhatt Parthivkumar	Volume 06, Issue 04, April 2019, Pages 155-160	ISSN: 2348-6406	
53		International	Journal	International Journal of Modern Engineering Research	Investigating the effect ofvariable 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	
54	Amit Patel	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	
55		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	
56		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	
57	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
58		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	