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List of Journal Papers

Sr.No	Title	Name of Journal	Publication /ISSN No.	Vol./Year/ Page No.
1	Performance improvement of double slope solar still using heat absorbing material	International Journal of Mechanical and Production Engineering Research and Development	Trans stellar Journal Publications and Research Consultancy Private Limited (TJPRC) ISSN:2249-6890 E-ISSN:2249-8001	Vol.3, Issue 4, Oct. 2013, pp. 143-148
2	Analytical and Numerical Analysis of Micro Combustor for Gas Turbine Engine	Indian Journal of Science and Technology	Indian Society for Education and Environment ISSN (Print): 0974-5645 ISSN (Online): 0974-5645	Vol 9, Issue 48, December 2016, pp. 1-6 DOI: 10.17485/ijst/2016/v9i48/89137
3	MICRO COMBUSTOR DEVELOPMENT USING HYDROGEN AS FUEL	Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition IMECE2018	ASME	IMECE2018-88659, IMECE2018, pp. 1-5
4	Seasonal Variation of Airborne Micro flora in Dairy Processing Plant	Species (The International Monthly Journal for science)	Discovery Publication ISSN : 2319-5746 EISNN: 2319-5754	Vol 2, No. 6, March 2013, pp. 18-22
5	Psychrophiles: Defects triggering organisms in pasteurized milk	Discovery (An International Multidisciplinary Journal)	Discovery Publication ISSN : 2278-5469 EISNN: 2278-5450	Vol 4, No. 12, June 2013, pp. 60-64
6	Material Selection and Hygienic Design consideration for Dairy and Food Processing Equipment	Indian Dairyman	Indian Dairy Association ISSN 0019-4603	Vol. 57, No. 9, 2005, pp. 57-62
7	Reduction of air micro flora using clean air system in packaging area of a dairy plant	Discovery Engineering	Discovery Publication ISSN : 2320 – 6675 EISNN: 2320-6853	Vol. 3, Number 9, February 2014, pp. 3-7

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8	A Review: The Design of Photovoltaic Thermal Technology with Compound Parabolic Concentrator	Journal of Thermal Engineering and Applications	STM Journals ISSN: 2349-8994	Vol 3, No 2, 2016, pp.38–45
9	Design and Performance Evaluation of a cold room for Ice Cream	International Journal of Futuristic Trends in Engineering and Technology	Akshar Publication ISSN (Print): 2348-5264 ISSN (Online): 2348-4071	Vol. 1, No. 04, 2014, pp. 12-19
10	Experimental Analysis of 80 TR capacity Air cooled scroll chiller using R-22 and R-407C	International Journal of Engineering Research and Applications	IJERA Publication ISSN (Print): 2248-9622	Vol.4, Issue 4, pp. 212-216,2014
11	Geothermal Energy: An Alternative Source of Energy	International Journal of Engineering Research and Applications	IJERA Publication ISSN (Print): 2248-9622	Vol.4, Issue 4, pp. 63-68,2014
12	The Design of Photovoltaic Thermal Technology with Compound Parabolic Concentrator	International Journal of Engineering Research and Advanced Development	IJERAD Publication ISSN (Print): 2395-5163	Vol. 3, Issue 9, Sept. 2017, pp.1-10 DIP: 18.03.01/2017 0309
13	Experimental studies on recuperative micro combustion chamber for 1 W gas turbine	Journal of Institution of Engineering (India): Series C (2250-0545)	Springer	

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Book Articles/Paper:

Sr. No.	Name of Book	Articles	Publication with ISBN No.	Publishing Year
B1	Advances in Renewable Energy Technologies	Management of refrigeration plant for conservation of energy in dairy plants	Narosa Publishing House <ul style="list-style-type: none"> • ISBN-10: 8173195331 • ISBN-13: 978-8173195334 	25 July 2003
B2	Advances in Renewable Energy Technologies	Effect of temperature on solar hot water collection	Narosa Publishing House <ul style="list-style-type: none"> • ISBN-10: 8173195331 • ISBN-13: 978-8173195334 	25 July 2003
B3	Advances in Renewable Energy Technologies	Utilization of steam in dairy plants	Narosa Publishing House <ul style="list-style-type: none"> • ISBN-10: 8173195331 • ISBN-13: 978-8173195334 	25 July 2003

Patent Applied

1	<p>Title: COMBUSTOR FOR MICRO GAS TURBINE ENGINE Date of filing: 20/02/2016 Application No.: 20162100 5952 A Countries where filed: India Inventor Name: <u>Ronakkuma R Shah</u>/Digvijay B Kulshreshtha Inventor Address: 301 Bansi Upvan Ambavadi, VVNAGAR Applicant's Name: Digvijay B Kulshreshtha/Ronakkumar R Shah Applicant's Address: Surat Applicant: 301 Bansi Upvan Ambavadi, VVNAGAR whether Granted or in process: In Examination Process</p>
2	<p>Title: APPA RATUS FOR PROVIDING CLEAN AIR Date of filing: 14/04/2012 application No.: 1226/MU M/2012 Countries where filed: India Inventor Name: Dr. B P Shah /<u>Ronak R Shah</u>/D R Shah/Chauhan D K/Chauhan P N Inventor Address: 301,Bansi Upvan, VVNagar Applicant's Name: Vidya Dairy Applicant's Address: Anand whether Granted or in process: Granted Patent Number: 341131</p>

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List of Conference/Workshop Papers

Sr. No	Title of Paper	Conference/Workshop/ Summer School (Internaonal/National)	Organized By
1	Design and dimple Jacketed evaporator plate for 5KL bulk milk cooler.	National conference on Advance in Refrigeration and Energy System – 2015 (NCARES-2015), Jaipur (Proceeding of the NCARES-2015)	ISHRAE and Poornima College of Engineering, Jaipur
2	Recuperative Combustion Chamber for Micro Gas Turbine: Numerical Analysis	24th National Conference on IC Engines and Combustion, Dehradun, 2015	UPES,Dehradun and Combustion Institute –Indian section
3	Pyramid Solar Still with Polyvinyl Fluoride Cover: Experimental Analysis	2 nd International Conference on Emerging Trends in Mechanical Engineering, 2016 (ISSN :978-93-84659-77-6)	GCET, V V Nagar
4	Numerical Analysis of Micro Gas Turbine Combustion Chamber (Poster Paper)	International Combustion Institute Summer School (ICISS), 2015	Combustion Institute, Italy Section, Isola di Procida, Napoli, Italy
5	Variable Cross Section Swiss Combustor: Experimental Investigations using Hydrogen as Fuel	25th National Conference on I.C.Engines and Combustion 2017	NIT, Suratkal and Combustion Institute –Indian section
6	Flame stability on trapped vortex combustor (Poster Paper)	International Workshop on Novel Combustion Concepts for Sustainable Energy Development, 2014	IIT,Kanpur
7	Enhancing Thermal Performance of Medium and High Temperature Thermal Energy Storage System Using Phase Change Material	International Conference on Energy Storage Technologies and Systems, 22-25 November 2018	Suresh Gyan Vihar University, Jaipur
8	Combustion Analysis of Hydrogen –air	National Conference on Thermal, Fluid and Manufacturing Science , TFMS-2014	CKPCET,Surat
9	Thermodynamic analytical combustion of Hydrogen-air	National Conference on Thermal, Fluid and Manufacturing Science , TFMS-2014	CKPCET,Surat
10	Phase change materials and components for medium and high temperature thermal energy storage system – a review	International Conference - GTU ICON 2019	GTU, 16 th March 2019