

RESEARCH PUBLICATIONS OF FACULTY

S.No.	Name of Teacher & Designation	YEAR	Title of paper	Grading	Journal/Conference detail
	B.L. SALVI				
1	Salvi, B.L., Singh, M.P., Jakhar, O.P., Poonia, M.P.,	2002	Radio Active Waste and Its Management.		International Conference on Techno-economical Aspects of Decentralized Approach in 'Waste-to-Energy', at M.R.E.C., Jaipur, Rajasthan (INDIA), 2002.
2	Salvi, B.L., Jakhar, O.P.,	2006	Bio-Fuel: A Fuel of Future – An Over View. /		International Conference on Bio-Fuel Vision 2015, held on October 13-15, 2006 at Engineering College Bikaner, Bikaner, Rajasthan (INDIA).
3	Salvi, B.L., Khidiya, M.S., Panwar, N.L. and Bhardwaj, A.,	2007	Scope of Rural Entrepreneurship Development in India.		Journal of Entrepreneurship Volume – 3, pp. 16-30.
4	Panwar, N.L., Kurchania, A.K., Sharma, D. and Salvi, B.L.,	2008	Design and Performance Evaluation of Producer Gas Burner for Thermal Application.		Renewable Energy Asia 2008 – An International Conference & 4 th SEE Forum Meeting, held on December 11-13, 2008, organized by- IIT, Delhi.
5	Salvi, B.L. and Bhardwaj, A.	2009	Study of the Effects of Varying Colours on Industrial Illumination, Human Working and Production Model.		Journal of Industrial Engineering International, 5 (9), pp 37-45. ISSN: 1735-5702, 2009
6	Panwar, N.L., Salvi B.L. and Reddy, V.S.	2010	Performance evaluation of producer gas burner for industrial application.		Biomass and Bioenergy, 35(3), pp. 1373-1377. doi:10.1016/j.biombioe.2010.12.046
7	Bhardwaj, G.S. and Salvi, B.L.,	2011	Slope stability aspects: a study on hill cut along NH-8, between Udaipur-Ahemdabad, Rajasthan, India.		Conference on 'Environmental Technology and Construction Engineering for Sustainable development', March 10-12, 2011, SUST, Sylhet, Bangladesh. pp 240.
8	Salvi, B.L. and Panwar, N.L.,	2012	Biodiesel resources and production technologies- a review.		Renewable and Sustainable Energy Reviews, 16, pp. 3680-3689. doi: 10.1016/j.rser.2012.03.050

9	Salvi, B.L., Maherchandani, J.K. and Nandwana, B.P	2012	Developing a system for reducing the turning radius of a car.	International Journal of Engineering and Innovative Technology, 1(3), 2012, pp. 188 – 191. ISSN: 2277-3754.
10	Kurchania, A.K., Panwar, N.L., Mishra, D. and Salvi, B.L.	2012	Thermal performance of a focusing type collector for paraffin wax melting.	Journal of Renewal and Sustainable Energy, 2012,4023114http://dx.doi.org/10.1063/1.4705521 (5 pages
11	Jindal, S. and Salvi, B. L.	2012	Sustainability aspects and optimization of linseed biodiesel blends for compression ignition engine	J. Renewable Sustainable Energy 2012, 4, 043111 (2012); doi: 10.1063/1.4737922.
12	Bhardwaj, G.S., Salvi, B.L., Mayank Mehta and Sourabh Gaur,	2012	Utility of Sensor Networking at Highways in Hilly Area,	Journal of Environmental Science, Computer Science and Engineering & Technology. Vol.1, No.2, June-August, 2012, pp. 132-140. (E-ISSN: 2278–179X).
13	Salvi, B.L. and Subramanian, K.A.,	2012	K.A., Analysis of Backfiring in a Hydrogen Fueled Spark Ignition Engine.	International Symposium on Fuels and Lubricants: 2012 held on March 5 – 7, 2012, at World Habitate, Habitate Centre of India, Lodhi Road, New Delhi. Organize by International Society for Fuels and Lubricants.
14	Salvi B.L., Subramanian K.A., Panwar N.L.	2013	Alternative fuels for transportation vehicles: A technical review.	Renewable and Sustainable Energy Reviews 2013; 25: 404–419. doi: 10.1016/j.rser.2013.04.017
15	Salvi, B.L. and Jindal, S.,	2013	A comparative study of engine performance and exhaust emissions characteristics of linseed biodiesel-diesel fuel mixture with diesel fuel in a direct injection diesel engine.	Journal of the Institution of Engineers (India): Series C January 2013; 94(1): 1-8. DOI 10.1007/s40032-013-0057-1
16	Salvi, B.L. and K.A. Subramanian,	2013	A simulation study for effects of residual gas temperature on backfiring phenomenon in a hydrogen fuelled spark ignition engine,	International Conference on Alternative Fuels for IC Engines: 2013, held on Feb 6-8, 2013 at MNIT, Jaipur, Rajasthan, India.

17	Salvi BL, Subramanian KA.	2013	Computational Fluid Dynamic (CFD) Analysis for Optimization of Injector Orientation for a Hydrogen Fueled Spark Ignition Engine.	23rd National Conference on Internal Combustion Engines and Combustion-2013, held on Dec 13–16, 2013 at SVNIT, Surat, India.
18	Salvi, B.L., S. Jindal and Lalta Prasad,	2013	An experimental study of neem methyl ester preparation and performance characteristics in compression ignition engine	International Conference on Alternative Fuels for IC Engines 2013, held on Feb 6-8, 2013 at MNIT, Jaipur, Rajasthan, India.
19	Prasad L., Salvi B.L., Kumar V.	2014	Thermal degradation and gasification characteristics of Tung Shells as an open top downdraft wood gasifier feedstock.	Clean Technologies and Environmental Policy 2014. DOI 10.1007/s10098-014-0891-8 http://dx.doi.org/10.1007/s10098-014-0891-8
20	Salvi B.L., Subramanian K.A.	2015	Experimental investigation and phenomenological model development of flame kernel growth rate in a gasoline fuelled spark ignition engine.	Applied Energy 2015, 139, 93–103.

S.No.	Name of Teacher & Designation	YEAR	Title of paper	Grading	Journal/Conference detail
	B. P. NANDWANA				
1	S. K. Maiti and B. P. Nandwana	1996	Derivative procedure for finite element computation of change in natural frequencies with crack size.		International Journal of Fracture 1996, 77, R47-R53
2	B. P. Nandwana and S. K. Maiti	1997	Detection of location and size of a crack in stepped cantilever beams based on measurements of natural frequencies.		Journal of Sound and Vibration 1997, 203(3), 435-446
3	Nandwana, B. P. and Maiti, S. K.	1997	Vibration based detection of location and size of edge crack in beams on multiple supports		Proceedings of the 9th International Conference on Fracture, ed. B. L. Karihallo, Y. -W. Mai, M. I. Ripley and R. O. Ritchie. Pergamon Press, Oxford, 1997, pp 2603-2610

4	Nandwana, B. P. and Maiti, S. K.	1997	Theoretical scheme for a vibration based detection of crack in stepped beams.	Proceedings of the International Conference on Modern Practice in Stress and Vibration Analysis, ed. M. D. Gilchrist. A. A. Balkema, Rotterdam, 1997, 135-141.
5	B. P. Nandwana and S. K. Maiti	1998	Modelling of vibration of beam in presence of inclined edge and internal crack for its possible detection based on frequency measurements.	Engineering Fracture Mechanics 1998, 58(3), 193-205
6	Kankar, P.K, Nandwana, B.P. and Harsha, S.P.,	2006	Condition Monitoring of Machines Using Vibration Measurements.	Proceedings of the National Conference on Advances in Mechanical Engineering held at Engineering College Kota, Kota (March 18-19, 2006)
7	S Jindal, BP Nandwana, NS Rathore, V Vashishta	2010	Experimental investigation of the effect of compression ratio and injection pressure in a direct injection diesel engine running on Jatropha methyl ester.	Appl. Therm. Eng. 30 (2010) pp 442-448
8	S Jindal, BP Nandwana, NS Rathore	2010	Comparative evaluation of combustion, performance and emission of Jatropha methyl ester and Karanj methyl ester in a direct injection diesel engine.	Energy and Fuels 2010, 24(3), , pp 1565-1572
9	S.Jindal, BP Nandwana & NS Rathore	2010	A Comparative Study of Performance, Combustion and Emissions of Diesel, Jatropha Methyl Ester and Karanj Methyl Ester in a DI-CI Engine	Journal of Biofuels 2010, Vol.1 No.1, January -June, pp 20-29
10	S. Jindal, BP Nandwana & NS Rathore	2010	A Comparative Study of Performance, Combustion and Emissions of Diesel, Jatropha Methyl Ester and Karanj Methyl Ester in a DI-CI Engine	Int. Conference on Bio fuels organised by DTU January 2010.
11	MA Saloda and BP Nandwana	2010	Finite element analysis to study the influence of friction on component error and temperature during cold extrusion	Proceedings of the 2 nd International Conference on Production and Industrial Engineering (CPIE-2010) 2010, pp 1116-1121
12	Murtaza Ali Saloda and, B.P.Nandwana	2010	Finite element analysis to study the influence of frictional conditions on die deflection and die temperature during cold extrusion	10th National Conference on Industrial Problems on Machines and Mechanisms (IPRoMM 2010), MNIT, Jaipur (Rajsthan) December 17-18, 2010

13	MA Saloda and BP Nandwana	2013	To study the influence of friction on component error and die deflection in cold extrusion by finite element analysis		Int. J of Ind. Engg. & Tech2010, 2(1), pp 21-35
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	CHITRANJAN AGRAWAL				
1	Chitranjan Agrawal, S. Jindal, Naveen Jain,	2007	A Comparative Study of Emission with Diesel oil and Bio diesel in DI-CI Engine, International Symposium On Organic Farming And Renewable Sources Of Energy For Sustainable Agriculture.		Organized by PROM Society, MPUAT, Udaipur and MohanlalSukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP161, 2007.
2	S. Jindal, Chitranjan Agrawal, Naveen Jain	2007	A Comparative Study of Emission Level of Diesel engine with Vegetable Oil, International		Symposium on Organic Farming and Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and MohanlalSukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP. 163, 2007.
3	Chitranjan Agrawal, Naveen Jain	2007	Anatomy of Wind Turbine and Energy Market, International Symposium on Organic Farming And Renewable Sources Of Energy		Energy For Sustainable Agriculture.Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP161, 2007.
4	ChitranjanAgrawal R. Kumar,A.Gupta, B. Chatterjee,	2012	Rewetting and Maximum Surface Heat Flux During Quenching of Hot Surface by Round Water Jet Impingement International Journal of Heat and Mass Transfer.		International Journal of Heat and Mass Transfer, Vol. 55, pp. 4772-4782, 2012.
5	ChitranjaAgrawal,R. Kumar, A. Gupta, B. Chatterjee	2012	Effect of Jet Diameter on the Rewetting of Hot Horizontal Surfaces During Quenching, Experimental Thermal and Fluid Science		International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 1(2), pp 73-77, 2012.
6	J. K.Maherchandani, Chitranjan Agarwal, MukeshSahi,	2012	Economic Feasibility of Hybrid Biomass/PV/Wind System for Remote Villages Using HOMER		International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 1(2), pp 49-53, 2012.
7	Chitranjan Agarwal, J. K.Maherchandani, M Sahi,	2012	Effect of Nozzle Exit to Surface Spacing on the Cooling of Electrically Heated Surface with Jet Impingement,		International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 1(2), pp 73-77, 2012.

8	J. K.Maherchandani, Chitranjan Agarwal, MukeshSahi,	2012	Estimation of Solar Cell Model Parameter by Hybrid Genetic Algorithm Using MATLAB	International Journal of Advanced Research in Computer Engineering & Technology, Vol. 1(6), pp 78-81, 2012
9	Chitranjan Agarwal, J. K.Maherchandani,	2012	Effect of Impinging jet diameter on the Transient Cooling of Electrically Heated Stainless Steel Surface,	International Journal of Advance Scientific and Technical Research, Vol. 4 (2), pp. 666-669, 2012.
10	Chitranjan Agarwal, J. K.Maherchandani,	2012	Effect of Flow Rate on the Cooling of Electrically Heated Hot Surface during Jet Impingement	International Journal of Scientific Research, Vol. 1(4), pp 49-50, 2012.
11	Chitranjan Agrawal, Sudhakar Jindal	2012	Comparative Study of Performance of CI engine with Normal and High Performance Diesel Fuels	International Journal of Emerging Trends in Engineering and Development, Vol. 6(2), pp. 437- 442, 2012.
12	ChitranjanAgrawal	2012	Sensitivity Analysis for Counter Flow Cooling Tower-Part I, Exit Cold Water Temperature	International Journal of Applied Engineering and Technology, Vol. 2(3), pp 5-9, 2012.
13	Chitranjan Agrawal	2012	Sensitivity Analysis for Counter Flow Cooling Tower-Part II, Cooling tower Effectiveness	International Journal of Applied Engineering and Technology, Vol. 2(3), pp 10-13, 2012.
14	Chitranjan Agrawal	2012	Jet Impingement Cooling of Hot Horizontal Surface Through Sharp Edge Nozzle	International Journal of Applied Engineering and Technology, Vol. 2(3), pp 14-17, 2012.
15	Chitranjan Agrawal, Oisín F. Lyon, Ravi Kumar, Akhilesh Gupta, Darina B. Murray,	2013	Rewetting of a hot horizontal surface through mist jet impingement cooling	International journal of Heat and Mass Transfer, vol. 58, pp. 188-196, 2013
16	Chitranjan Agrawal, R. Kumar, A. Gupta, B. Chatterjee,	2013	Determination of Rewetting Velocity during Jet Impingement Cooling of a Hot Surface, Transaction of ASME Thermal Science and Engineering Application	Vol. 5, pp 011007-1-9, 2013.
17	ChitranjanAgrawalRavi Kumar Akhilesh Gupta, BarunChatterjee	2013	Determination of Rewetting on Hot Horizontal Surface with Water Jet Impingement through a Sharp Edge Nozzle	International Journal of Thermal Science, Vol. 71, pp 310-323, 2013
18	Chitranjan Agarwal, R. Kumar, A. Gupta,	2013	Effect of Jet Diameter on the Maximum Surface Heat Flux during Quenching of Hot Surface	Nuclear Engineering and Design, Vol. 265, pp. 727-736, 2013.
19	Agarwal, R. Kumar, A. Gupta, B. Chatterjee,	2014	Effect of Nozzle Geometry on the Rewetting of Hot Surface during Jet Impingement cooling	Experimental Heat Transfer, Vol. 27(3), pp. 256 – 275, 2014.

20	C. Agrawal, R. Kumar, A. Gupta, B. Chatterjee,	2014	Effect of Jet Diameter on Surface Quenching at Different Spatial Locations		International Journal of Mechanical, Industrial Science and Engineering, Vol. 8(1), 2014
21	Chitranjan Agrawal, B. P. Nandwana,	2014	Effect of Jet Exit to Test Surface Spacing on the Wetting Front Speed for Impinging Jet Cooling		International Conference on Mechanical, Civil and Material Engineering (ICMCME 2014) Phuket Thailand, July 11-13, 2014 (ISBN 978-986-90263-6-9).
22	Chitranjan, Ravi Kumar, Akhilesh Gupta, Barun Chatterjee	2014	Effect of Surface Orientation on The Rewetting Phenomena during Jet Impingement Cooling		15th International Heat Transfer Conference (IHTC-15), August 10-15, 2014, Kyoto, Japan.

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	DR. MURTAZA SALODA				
1	Jindal S, Saloda MA,	2003	De-centralized Power Generation for Sustainable Development		International Conference on Energy and Environmental Technologies for Sustainable Development, Oct. 8-10, 2003. Malaviya National Institute of Technology, Jaipur
2	Saloda MA, Nandwana BP,	2010	To study the Influence of Frictional Conditions on Component Error and Die Deflection in Cold Extrusion by Finite Element Analysis		International Journal of Industrial Engineering and Technology, Volume 2, No. 1, 2010, pp 21-35.
3	Saloda MA,	2012	To Study the Influence of Frictional Conditions and Die Land Length on Component Error and Die Deflection in Cold Extrusion by Finite Element Analysis		Journal of Metallurgical Engineering.
4	Saloda MA	2012	Information Technology and Management Education in the Global Era		International Conference on Achieving Excellence in Management Education in Post Globalization Era, July 26-28, 2002. Rajasthan Vidya-peeth Deemed University, Udaipur
5	Saloda MA, Jindal S,	2012	Audit-A tool for energy Conservation” International Conference on Energy and Environmental Technologies for Sustainable Development		Oct. 8-10, 2003. Malaviya National Institute of Technology, Jaipur.

6	Saloda MA, Nandwana BP	2012	Finite Element Analysis to study the Influence of Friction on Component Error and Temperature during Cold Extrusion		2 nd International Conference on Production and Industrial Engineering, Dec. 3-5, 2010, Dr. B.R. Ambedkar NIT, Jalandhar.
7	Saloda MA	2012	Development and Fabrication of four wheel steering system		3 rd International Conference on Production and Industrial Engineering, March, 29-31,2013, at Dr. B.R. Ambedkar NIT, Jalandhar.
8	Saloda MA, Nandwana BP	2012	Environment Protection by Using Electric Hybrid Vehicles		2 nd International Conference on Mechanical and Robotics Engineering, Dec., 17-18, 2013, Planetary Scientific Research Centre, Pattaya, Thailand, ISBN 978-93-82242-54-3.
9	PariharVed Prakash Singh, Saloda MA	2012	Optimization of the Effects of Cutting Parameter on Cutting Forces: An Experimental Study of Turning Operation on Lathe		3 rd International Conference on Supply Chain Management On Best Practices in Supply Chain Management (BPSCM-2014), Nov. 28-30, 2014, Udaipur, PP 444-45
10	Saloda MA, Rathore NS,	2013	Conventional Energy Conservation to Protect the Environment by the Application of Renewable Energy Sources in Agriculture and Industries		"International Journal of Environment Protection, Volume 3, Issue 4, April- 2013, PP. 28-32.
11	Patel Narendra, Saloda MA,	2013	Investigation and Optimization of the Effect of Cutting Parameter on Tool Wear: Experimental Approach and Taguchi Approach		3 rd International Conference on Supply Chain Management On Best Practices in Supply Chain Management (BPSCM-2014), Nov. 28-30, 2014, Udaipur, PP 445-46
12	Meena A, Jain SK, Saloda MA, et.al.	2014	Foam mat drying of Papaya		"Journal of Agricultural Engineering, Vol. 51 No. 3, July-Sept., 2014, PP 9-18, ISSN: 0256-652

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	Dr. M.S. Khidiya				
1	Khidiya M.S., Bhardwaj A., &Poonia, M.P.,	2001	Uses Of Computer in Design and Analysis of Trends in Production of Commercial Vehicles		
2	Khidiya, M.S., Bhardwaj, A., &Poonia, M.P.,	2003	Design And Analysis Of Trends In Sales of Commercial Vehicles In India.		Industrial Engineering Journal, Vol. XXXII No.2, Feb. 2003

3	Khidiya M.S., Bhardwaj A., Vikram Singh,	2006	Defining Supply Chain Management		National Conference on Advances in mechanical Engineering, organized by Engineering College Kota, 18-19 March 2006.
4	Khidiya M.S., Vikram Singh, Rajat Jain	2006	Bio Diesel: A Fuel of Future		National Seminar on Frontiers of Bioscience in New Millennium, Organized by GyanVihar School of P.G. Studies, Jaipur, 27-28 Feb 2006.
5	Khidiya M.S., Vikram Singh., Rajat Jain	2006	Commercial Production of Bio Diesel: A Review		National Seminar on Frontiers of Bioscience in New Millennium, Organized by GyanVihar School of P.G. Studies, Jaipur, 27-28 Feb 2006.
6	Khidiya M.S., Bhardwaj A	2008	Analysis of Occupational Hazardous in Agriculture		XXI National Convention of Agricultural Engineers & National Seminar on "Ergonomics and Safety management in Agricultural machinery and equipments" Organized by Institution of Engineers Udaipur, 18-20 Jan 2008.
7	Khidiya M.S., Bhardwaj A.	2008	An Ergonomic Approach for Improving the Workplace		XXI National Convention of Agricultural Engineers & National Seminar on "Ergonomics and Safety management in Agricultural machinery and equipments" Organized by Institution of Engineers Udaipur, 18-20 Jan 2008.
8	Khidiya M.S., Bhardwaj A.,	2008	Musculoskeletal Discomfort in Agricultural Works		XXI National Convention of Agricultural Engineers & National Seminar on "Ergonomics and Safety management in Agricultural machinery and equipments" Organized by Institution of Engineers Udaipur, 18-20 Jan 2008.
9	Khidiya M.S., Bhardwaj A.,	2008	Study of Productivity and Ergonomic Application of Bent Hand Tools		XXI National Convention of Agricultural Engineers & National Seminar on "Ergonomics and Safety management in Agricultural machinery and equipments" Organized by Institution of Engineers Udaipur, 18-20 Jan 2008.
10	Khidiya, M.S., Bhardwaj, A.,	2010	Design, Development and Ergonomics Evaluation of Hand operated Spade		Ergonomics Australia, P-15 Volume 24, Number 1 March 2010, ISSN 1033 – 875
11	Khidiya M.S., Bhardwaj A.,	2012	An ergonomic approach to design hand tool for agricultural production		Work: A Journal of Prevention, Assessment and Rehabilitation, Volume 41, Supplement 1/ 2012, P-1335-1341, ISSN 1051-9815.

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	DR. S. SINDAL				

1	Bhatnagar A. & Jindal S.	2000	IT application in Engineering Education for Teaching, Research, Extension & Consultancy.	ISTE National workshop on 'Role of IT in Engg. Education' Vadodara, September 2000.
2	Jindal S. & Rathore N.S.	2001	Energy Balance Analysis of Wood Based ST-HAMARA-M Stirling Engine.	<i>Proceedings of International Conference on Waste to Energy</i> , 3-4 Feb. 2001, MREC, Jaipur.
3	Goyal M., Jindal R., Jindal S. and Gupta A.B.	2002	Energy Auditing of selected Pumphouses of PHED in Jaipur City.	International conference on Water and Wastewater: Perspectives of developing Countries (WAPDEC), Dec 11-13, 2002, IIT, New Delhi.
4	Rawat M.M., Jindal R., Jindal S. and Gupta A.B.	2002	A.B. Energy analysis and up gradation of Grit chamber of STP Jaipur.	International conference on Water and Wastewater: Perspectives of developing Countries (WAPDEC), Dec 11-13, 2002, IIT, New Delhi.
5	Jindal S. & Bhatnagar A.	2002	Effective Use of Organic Coagulants for faster settling rates in water recovery in Marble processing.	National Seminar on Indian Mining Problems & prospects (NSIM-2002) organized by the MEAI-Nagpur chapter on 20-21, December, 2002 at Nagpur.
6	Bhatnagar A. & Jindal S.	2002	Improvement of performance of diamond based cutting in the dimensional stone mining & processing.	National Seminar on Indian Mining Problems & prospects (NSIM-2002) organized by the MEAI-Nagpur chapter on 20-21, December, 2002 at Nagpur.
7	Saloda M.A., Jindal S.	2002	Energy saving by interrupting thermoelectric current in machining operations.	National Conference on "Future Trends in Mechanical Engineering Research and Development" organized by Bharath Institute of Science and Technology, Chennai, on December 13-14, 2002.
8	Jindal S.	2003	Cross Border Enterprise- A Paradigm For Food And Agribusiness Sector.	Prabandh- Journal of Management Education and Research, December 2013.
9	Jindal S. & Mathur A.N.	2003	Enterpreneurship with polypack RDF.	Proceedings of International conf. on Energy and Environ. tech. for sustainable development, 8-10 Oct, 2003, Malviya National Institute of Technology, Jaipur (ISBN 81-8229-001-5) PP 95-100.
10	Jindal S., Rathore N.S. and Saloda M.A	2003	Decentralised power generation for sustainable development, International conf.	for sustainable development, Oct, 2003, Malviya National Institute of Technology, Jaipur
11	Rathore N.S. & Jindal S.	2003	Energy planning for cooking sector. International conf. On Energy and Environ.	For sustainable development, 8-10 Oct, 2003, Malviya National Institute of Technology, Jaipur. (ISBN -81-8229-000-7) PP 372-374.
12	Saloda M.A., Jindal S. & Rathore N.S.	2003	Energy audit – a tool for energy conservation. International conf.	Tech. For sustainable development, Oct, 2003, Malviya National Institute of Technology, Jaipur

13	Rathore N.S. & Jindal S.	2003	Development of an efficient and low cost solar water heater for domestic needs. International conf. On Energy and Environ.	Tech. For sustainable development, Oct,2003, Malviya National Institute of Technology, Jaipur
14	Jindal S.	2003	Virtual enterprise- a reengineering tool for agribusiness sector.	<i>Proceedings of 37th National Convention of ISAE</i> , 29-31 Jan 2003, CTAE, Udaipur. pp 155.
15	Jindal S. & Bhatnagar A.	2003	Effective water recovery in marble processing with use of combi-dosing of inorganic and organic flocculant.	<i>Proceedings of 19th National Convention of environmental engineers, Seminar on Industry and Sustainable Development</i> , 16-18 Oct. 2003, Institute of Engineers (India), Udaipur. pp 225-230
16	Jindal S. & Rathore N.S.	2004	Energy Analysis of Biomass Based Stirling Engine, accepted at Asia International Renewable Energy Conference	April 2004, Beijing, China
17	S. Jindal, Chitranjan Agrawal, Naveen Jain	2007	A Comparative Study of Emission Level of Diesel engine with Vegetable Oil, International	Symposium on Organic Farming and Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP. 163, 2007.
18	Chitranjan Agrawal, S. Jindal, Naveen Jain,	2007	A Comparative Study of Emission with Diesel oil and Bio diesel in DI-CI Engine	Symposium on Organic Farming and Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP161, 2007.
19	Jindal S., Nandwana B.P., Rathore N.S. and Vashistha V.	2008	Biodiesel And NOx Emissions: A Study On The Effects Of Engine Parameters.	Paper presented in All India Seminar on Climate Change: Moving Towards Low Carbon Economy & Life Style, Sept 5-6, 2008 organised by The Institution of Engineers (India) Udaipur Local Chapter.
20	Jindal S. and Bapna P.C.	2009	Petroleum Padarthon Ka Vikalp: Vanaspati Tel.	National Seminar on Organic Farming for Tribal Development (3-4 November, 2009), Organised by Raja Kashi Govindam Seva Samiti, RCA and MLV Tribal Research & Training Institute (Government of Rajasthan) Udaipur
21	Panwar N.L., Shrirame H.Y., Rathore N.S., Jindal S. and Kurchania A.K.	2010	Performance evaluation of a diesel engine fueled with methyl ester of castor seed oil.	<i>Applied Thermal Engineering</i> , Volume 30, Issues 2-3, February 2010, Pages 245-249.

22	Jindal S., Nandwana B.P., Rathore N.S. and Vashistha V.	2010	Experimental investigation of the effect of compression ratio and injection pressure in a direct injection diesel engine running on Jatropha methyl ester.	<i>Applied Thermal Engineering</i> , 30 (2010) pp 442-448
23	Jindal S., Nandwana B.P., Rathore N.S.	2010	Comparative evaluation of combustion, performance and emissions of Jatropha methyl ester and Karanj methyl ester in a direct injection diesel engine.	<i>Energy Fuels</i> , 2010, 24 (3), pp 1565–1572.
24	Jindal S.	2010	Effect of engine parameters on NOx emissions with Jatropha biodiesel as fuel.	<i>International Journal of Energy and Environment</i> , 2010, Vol.1, Issue 2. pp 343-350.
25	Jindal S., Nandwana B.P., Rathore N.S.	2010	A Comparative Study of Performance, Combustion and Emissions of Diesel, Jatropha Methyl Ester and Karanj Methyl Ester in a DI-CI Engine.	<i>Journal of Biofuels</i> Vol.1 No.1, January - June, 2010 pp.20-29.
26	Jindal S., Nandwana B.P. and Rathore N.S..	2010	A Comparative Study Of Performance, Combustion And Emissions Of Diesel, Jatropha Methyl Ester And Karanj Methyl Ester In A DI-CI Engine.	Paper presented in 1st International Conference on New Frontiers in Biofuels, January 18-19, 2010, India Habitat Center, New Delhi, India, organised by Delhi Technological University, New Delhi.
27	Jindal S.	2011	Effect of injection timing on combustion and performance of a direct injection diesel engine running on Jatropha methyl ester.	<i>International Journal of Energy and Environment</i> , Volume 2, Issue 1, 2011 pp.113-122.
28	Jindal, S	2011	Combustion, performance and emissions of a DI-CI engine running on Karanj methyl ester: influence of injection timing.	<i>International Journal of Sustainable Engineering</i> , Vol. 4, No. 2, 2011, 136–144, First published on: 29 November 2010 (iFirst).
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