

**Swami Keshvanand Institute of Technology, Management &
Gramothan, Jaipur
Department of Mechanical Engineering
Report on International Conference on New and Renewable Energy Resources for
Sustainable Future- 2017, 2-4 Feb 2017**

Title of Event: International Conference on New and Renewable Energy Resources for Sustainable Future- 2017

Objectives

1. To be familiar with the latest developments taking place in the world in the areas of Green technologies, Alternative fuels, Non-conventional energy, Nano technology and Environmental pollution control.
2. To deliberate on the above areas and focus on issues related to these areas which can be implemented in the academic field and industries.
3. To provide a global platform for interaction of experts, academicians and working professionals.
4. To provide an opportunity for sharing of innovations and inventions.
5. To provide an opportunity for engineering students to organize and participate in a professional conference and to interact with International & National eminent scholars and professionals.
6. To disseminate the acquired knowledge to the rest of the world through proper research publication channels.
7. To provide visibility and acceptance to research work presented by the participants in the conference.

Resource person

International: Prof. Ahmed Hamza (Assiut University, Egypt), Prof. Muataz Hussein (Senior Scientist and Professor, Qatar Environmental & Energy Research Institute, Qatar)

National: Sh. B. K. Doshi (Managing Director, Rajasthan Renewable Energy Corporation Limited) as chief guest, Prof. Dileep N. Malkhede (Advisor – I, Research Institution & Faculty Development (RIFD) Bureau, AICTE), Sh. Nageen Kumar Kothari (Chairman & Managing Director, RVUNL) as Chief Guest, Sh. A. K. Jain (Chairman, REIL), Prof. R. A. Gupta (chancellor, RTU Kota), Sh. Praveen Jain (Chairman, IEI Rajasthan state center), Prof. K. N. Seetharamu (Chair Professor, PES University, Bengaluru, and former Professor, IIT Madras), Prof. S. L. Surana (SKIT, Jaipur), Prof. N. K. Banthiya (SKIT, Jaipur), Prof. G. D. Sharma (LNMIIT, Jaipur), Prof. Y. K. Vijay (VGU, Jaipur), Prof. Dilip Sharma (MNIT, Jaipur), Dr. Manaswita Bose (IIT Bombay), Prof. Deepak Sharma (CTAE, Udaipur), Dr. G. D. Agarwal (MNIT, Jaipur), Dr. Brijesh Tripathi (UCE-RTU, Kota), Dr. Vikas Bansal (UCE-RTU, Kota), Dr. Geetanjali Kaushik (Clean Air Asia, New Delhi), Dr. H. K. Shivanand (UVCE, Bengaluru), Mr. Anup Kacker (SAE-NIS, New Delhi), Dr. Arindam Kuila (Banasthali Vidhyapeeth, Newai), and Mr. Sunit Mathur (RRECL, Jaipur).

Proceedings/ Journal Collaboration

1. International Journal of Renewable Energy Technology
2. Interdisciplinary Environmental Review

Attainment of objectives

1. We were able to showcase SKIT in a semi-formal environment. Both the foreign guests appreciated the infrastructure and laboratory facilities. They also appreciated the involvement and enthusiasm of the students and faculty organizing and attending the conference.
2. Both the foreign guests were impressed with the quality of our faculty and students and recommended that they should be encouraged for taking up higher education abroad. Dr Muataz of Qatar suggested that his university provides fully funded PG education, and students with good GRE and TOEFL scores may be recommended to pursue higher education in Qatar.
3. The interaction with foreign guests has opened up possibilities of exploring joint research projects. This will be pursued further by the Department of Mechanical Engineering, SKIT.
4. The foreign guest from Qatar, Dr. Muataz presented results of his research in nano-fluids and indicated that it is possible to increase the efficiency of heat transfer substantially by using nano-fluids instead of plain fluids as the heat exchange media. This will in turn result in reduction of heat exchanger size as well as power required; having great impact on power plant efficiency. He further suggested that with a large desert area with high solar insolation in close geographic proximity to sea opens up huge possibilities for setting up solar power-cum-desalination plants. It is proposed to pursue the possibility of joint research of national importance in this area.
5. The foreign guest from Egypt, Dr. Hamza Ali, has been working on solar assisted air-conditioners. It is proposed to pursue the possibility of joint research in this area of national importance.
6. The AICTE Advisor, Prof. Dileep N. Malkhede, found time to go around the mechanical engineering department and look at our facilities. He expressed happiness at our laboratory and workshop facilities, and also at the student projects.
7. Nearly 500 students of mechanical engineering benefitted from the keynote addresses of experienced and illustrious engineers from academia, industry and research.

Photographs:



**Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur
INTERNATIONAL CONFERENCE ON NEW AND RENEWABLE ENERGY FOR
SUSTAINABLE FUTURE (ICONRER-2017)**

Venue-4

Common Program- Plenary Talk-2 (Gyan Mandir Auditorium) (09:00-09:45) BY Prof. Muataz Hussein, QEERI, Qatar

Day	Session	Session Chair	S. No.	Time	Paper ID	Title	Presenter	Presenter affiliation	Remarks
2	4.4	Dr. Vikas Bansal RTU Kota	14	10:00-10:14	138	Environmental energy harvesting technologies to implement remote and wireless sensing	Trivendra Sharma	SKIT JAIPUR	
			15	10:15-10:29	238	Comparative Performance Analysis of an SI engine operated on raw & treated biogas	Amit Jhalani	MNIT JAIPUR	
			16	10:30-10:44	264	Experimental Characterization of Nano Material Reinforced AL 6061 Based Metal Matrix (CNT) Composites Coated with Nickel	Dr. H. K. Shivana nd	University Visvervaraya College of Engineering, Bangalore	
			17	10:45-10:59	263	Investigation of Mechanical Properties of Hemp and Eglass Fibre Reinforced Nano Clay Hybrid Composites	Dr. H. K. Shivana nd	University Visvervaraya College of Engineering, Bangalore	
			18	11:00-11:14	UT	Development of next generation microaerial vehicles(MAV's)-ornithopters	Utkarsh Bhati	SKIT JAIPUR	
Tea Break (11:15-11:29)									
	4.5	Dr. B. K.	K-4.3	11:30-11:59	Prof. H. K. Shivanand, UVEC Bengaluru				

	Sharma PGI Jaipur	19	12:00-12:14	182	CARBON NANOTUBES: APPLICATIONS AND ISSUES	Saurabh Gupta	SKIT JAIPUR	
		20	12:15-12:29	173	Manufacturing Paradigm Shift towards Sustainability – Concepts & Cases.	Vinay Singh Marwal	SKIT JAIPUR	
		21	12:30-12:44	243	Monitoring Tree Resources Outside Forest for carbon storage using satellite images	Susham Biswas	Rajiv Gandhi Institute of Petroleum Technology Raebareli, India	
		22	12:45-12:59	245	Analysis for Maintenance Cost of Small Hydropower Projects	Ravi Kumar	IIT Roorkee	
Lunch (01:00-01:59)								
4.6	Prof. Manish Jain JECRC Jaipur	K-4.4	02:00-02:29	Dr. Arindam Kuila, BU Jaipur				
		23	02:30-02:44	1	Specific tracking of xylan using fluorescent-tagged carbohydrate-binding module 15 as molecular probe	Vinay Khatri	University of Quebec, Canada	
		24	02:45-02:59	7	Cellulase production from thermochemically pretreated <i>Chenopodium album</i>	Arindam Kuila	Department of Bioscience & Biotechnology, Banasthali University	
		25	03:00-03:14	103	Removal of Arsenic from Drinking Water by Zero Valent Iron Supported on Alumina	Ayushi Jain	MNIT JAIPUR	
		26	03:15-03:29	232	Studies on the kinetic and reduction behavior of iron ore pellet using coconut shell	Soumya Sahoo	INDIAN SCHOOL OF MINES, DHANBAD, Jharkand	

Common Program- Cultural Program (Gyan Mandir Auditorium) (05:30-06:30) followed by conference dinner

Common Program- Plenary Talk-3 (Gyan Mandir Auditorium) (09:00-09:45) Prof. K. N. Seetharamu, PESU, Bangaluru

Day	Session	Session Chair	S. No.	Time	Paper ID	Title	Presenter	Presenter affiliation	Remarks
3	4.7	Prof. N. K. Banthiya SKIT Jaipur	27	10:00-10:14	107	Analysis of internal and external irreversibilities on solar driven heat engine	Arun Kumar Behura	Poornima College of Engineering, Jaipur, Rajasthan	
			28	10:15-10:29	105	PERFORMANCE IMPROVEMENT OF A SUGAR MILL THROUGH EXERGY ANALYSIS	Puneet Mangla	Hindustan college of Science and Technology, Mathura	
			29	10:30-10:44	46	ENERGY AND EXERGY ANALYSIS OF VAPOUR COMPRESSION REFRIGERATION SYSTEM USING ALTERNATIVE REFRIGERANTS	Ranendra Roy	INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR, West Bengal	
			30	10:45-10:59	191	An energy and exergy based performance analysis of the turbine cycle in a coal based steam power plant	Malay Kanti Naskar	Jadavpur University, Kolkata	
			31	11:00-11:14	2-SKIT	Enhancement in Pollution Control	Ranjeev Kumar	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur	SKIT

Tea Break (11:15-11:29)								
4.8	Prof. Ramesh Pachar SKIT Jaipur	K-4.5	11:30-11:59	Mr. Sunit Mathur, RREC Jaipur				
		32	12:00-12:14	42	Evaluation of Optical Efficiency of an All-Glass Evacuated Tubular Solar Collector using Ray Tracing Technique	Tarun Kumar Aseri	Department of Mechanical Engineering, Govt. Engineering College Ajmer	
		33	12:15-12:29	69	Simulation and Quality Analysis of Solar Photovoltaic Array	Gourab Das	Jadavpur University, Kolkata	
		34	12:30-12:44	77	A Study on the characterization of the species formed during Fluoride removal through coagulation	Swati Dubey	Malaviya National Institute of Technology, Jaipur	
		35	12:45-12:59	119	EXPERIMENTAL INVESTIGATION OF GROUND SOURCE HEAT PUMP SYSTEM	Neeraj Priyadarshi	MIT Purnea, Bihar	
Lunch (01:00-01:59)								

Common Program- Valedictory Function (Gyan Mandir Auditorium) (02:00-03:00) followed by tea

Advisory Board of Conference

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 Mr. Puneet Sharma, Indian Institute of Engineering, Kota, Jaipur

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**INTERNATIONAL CONFERENCE
 ON
 NEW AND RENEWABLE ENERGY RESOURCES
 FOR SUSTAINABLE FUTURE
 ICONRNER-2017
 FEBRUARY 2-4, 2017
 ORGANIZED BY**



**DEPARTMENT OF MECHANICAL ENGINEERING
 SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY
 MANAGEMENT & GRAMOTHAN, JAIPUR**

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SPEAKERS

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ABOUT THE CONFERENCE
 This scientific dialogue aims to provide a platform where scientist, researchers, academicians, industry experts, new aspirants, as well as students of science and technology can come together and engage in fruitful exchange of views and ideas to pave way for "New and Renewable Energy Resources". The scope of this conference encompasses latest research outcomes pertaining to the "Energy" domain in the form of theoretical models, environmental impact, security and defence technology, innovative designs, enhancement and improvements in existing framework, sustainable technological advancement, societal welfare etc. Thus the conference intend to bring together the best minds from around the world to cover literally all aspects of energy technology from a multi-disciplinary perspective.

ABOUT SKIT
 Swami Keshvanand Institute of Technology, Management & Gramothan inspired from the learnings of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today the institute is recognized as one of the center of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Postgraduate and Graduate Courses in Engineering and Management. Our sister institution Swami Keshvanand Institute of Pharmacy (SKIP) is affiliated to Rajasthan University of Health Sciences for offering Graduate Course in Pharmacy. The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

ABOUT THE MECHANICAL DEPARTMENT
 The B. Tech. Degree program of the Department of Mechanical Engineering is accredited by the National Board of Accreditation (NBA). Being the mother branch of all engineering courses, the branch of Mechanical Engineering incorporates valuable contributions for achieving solutions to the emerging challenges in industry and varied sectors of engineering education. The Department of Mechanical Engineering at SKIT has a potent realization of the fact and thus continuously sets in motion sincere efforts to bring in quality change in the related areas. These efforts have started yielding results as our students with the active support of the faculty have been successful in developing highly perceptive projects. It is worth mentioning that one of the projects concerned with sieving machine has been recommended for award to NABARD by Bosch Ltd.

ABOUT JAIPUR- THE PINK CITY
 Rajasthan's beautiful Pink City Jaipur, was the stronghold of a clan of rulers whose three hill forts and series of places in the city are important attraction. Known as the colour of the stone used exclusively in the walled city, Jaipur's bazaars sell embroidered leather shoes, blue pottery, tie and dye scarves and other exotic wares. Western Rajasthan itself forms a convenient circuit in the heart of the THAR desert which has shaped its history, lifestyle and architecture.

THEMES

- Green technologies and green buildings
- Gasification and pyrolysis
- Alternative fuels and fuel cell technologies
- Strategies for energy demand and use optimization
- Sustainable consumption and production
- CO2 capture, storage, and utilization
- Heating and cooling systems
- Smart-grid
- Energy metrology

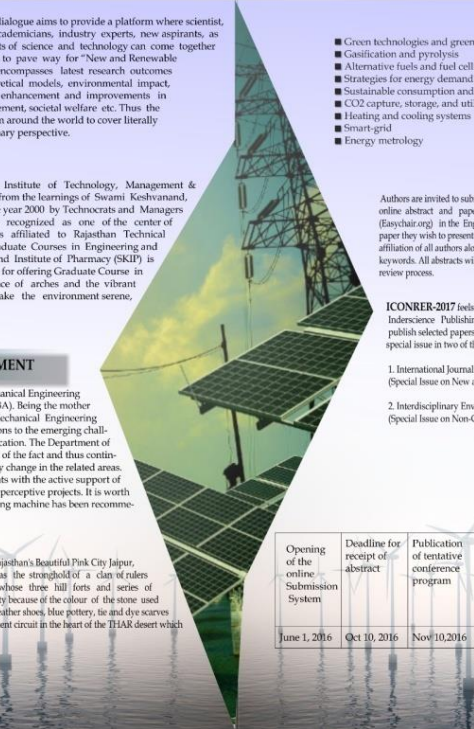
CALL FOR PAPER
 Authors are invited to submit an abstract through online abstract and paper submission system (EasyChair.org) in the English language for each paper they wish to present oral/poster. The abstract should also include name and affiliation of all authors along with their e-mail address followed by 3 to 5 keywords. All abstracts will be processed for decision on acceptance after peer review process.

PUBLICATION
 ICONRNER-2017 feels proud to announce that Inderscience Publishing house is ready to publish selected papers from our conference in special issue in two of their journals:

- International Journal of Renewable Energy Technology (Special Issue on New and Renewable Energy Resources)
- Interdisciplinary Environmental Review (Special Issue on Non-Conventional Energy Technology)

IMPORTANT DATES

Opening of the online Submission System	Deadline for receipt of abstract	Publication of tentative conference program	Notification for abstract acceptance with instructions for manuscript preparation	Deadline for camera-ready manuscript and author registration	Commencement of the conference
June 1, 2016	Oct 10, 2016	Nov 10, 2016	Nov 15, 2016	Dec 15, 2016	Feb 2-4, 2017



List of Participants

ICONRER 2017

S.No.	Author(s)	Title of Paper	Registered Author	Registered Author Email id	Category	Signature
1	Vinay Khatri, Yannick Hébert-Duchet, Fama Meddeb and Marc Beauregard	Specific tracking of xylan using fluorescent-tagged arabinofuranosyl-binding module 15 as molecular probe	Vinay Khatri	vinay.khatri@supe.ox	From Outside India	University of Quebec, Canada
2	Dinesh Kumar Sharma and Ravi Kumar Agrawal	Comparative study of performance and emission characteristics of a stationary compression ignition engine using blends of corn oil methyl ester with diesel fuel				Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
3	Abdul Razak Kaladgi, Fuborn Akhtar, Amjad Khan, Abdul Razak Ihsani, Belal Hassan, Isqander Yunus, Mohammed Sami Dabbas, Mohammed Rafiq A and Farooq Inshik	Nanofluid as a coolant for next generation heat dissipation electronic devices	Abdul Razak Kaladgi	abdulkaladgi@gmail.com	MTECHand BTECH	P.A. Engineering College, Mangalore
4	Zulfakar A Ahmed and Dinesh K Sharma	Modeling and Analysis of Long Range Exhaust Gas Recirculation system to lower the NOx emission from internal combustion engine- A Review				Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
5	Vikas Shrivastya	Solar energy is future energy				Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
6	Shivani Sharma, Vinay Sharma and Arvind Kulkarni	Celulose production from thermochemically pretreated <i>Chaetochytrium album</i>	Arvind Kulkarni	arvindkulkarni@gmail.com	Academics-PhD Scholar	Department of Biocience & Biotechnology, Banasthali University
7	Arun Kumar Sharma, Jaymech Chavaria and Jayesh Rajpurohit	Studies on slow release of Hydrogen from Sodium Borohydride	Arun Kumar Sharma, Jaymech Chavaria	arjini.yashinshik@gmail.com	MTECHand BTECH	Institute of Technology, Nirma University,
8	Shalendra Kumar and Shishir Chandra Bhadral	A Review of Performance of Solar Photovoltaic Refrigerator	Shalendra Kumar	shalendrakumar@protonmail.org	Academics-PhD Scholar	Protonia College of Engineering, Jaipur
9	Ajay Dharmiya, Dharmaj Joshi and Karan Sirwan	Energy Simulation of Building Using e-QUEST Simulation Tool				Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
10	Doraj Kamal Jaisawa, Dilip Sharma, Shyam Lal Soni, Rohit Misra, Chandan Sharma and Tarun Kumar Asari	Renewable fuels and Sustainable Development				Govt. Engineering College, Ajmer, INDIA
11	Doraj Kamal Jaisawa, Shyam Lal Soni, Dilip Sharma, Tarun Kumar Asari, Chandan Sharma and Rohit Misra	An outline to simulate C.I. engine- A CFD approach	Doraj Kamal Jaisawa	kdoraj@yashico.com	Academics-PhD Scholar	Govt. Engineering College, Ajmer, INDIA
12	Baghae Khandewal, Mohd Sami and Shubham Jain	A review on various methods and their challenges for advancements in the lubrication system for the improvement in the performance of an Internal Combustion engine.				Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
13	Seema Nihalani	ANAEROBIC CODIGESTION OF FOOD WASTE FOR ENERGY PRODUCTION	Seema Nihalani	pieterrillid@paruluniversity.ac.in	Academics-PhD Scholar	Pard University, Vidodara
14	Pradeep Kumar Gautam, Dr. Pawan Kalia, Dr. Ajay Singh Jethoo, Harshwardhan S.C. and Pawan Patidar	Use Kota Stone Cutting and Quarry waste as Sub base Material.	Pradeep Kumar Gautam	2016ce9007@mnit.ac.in	Academics-PhD Scholar	Malaviya National Institute of Technology Jaipur
15	Neta Adhikari	Design of Solar Photovoltaic Energy Generation System for Off-Grid Applications	Neta Adhikari	netuadikari2008@gmail.com	Industry Person	Central Power Research Institute, Bangalore
16	Sujatha Kesavan	OPTIMAL CONDITIONING MONITORING OF WIND TURBINES USING INTELLIGENT IMAGE PROCESSING AND INTERNET OF THINGS	Sujatha Kesavan	drksujatha25@gmail.com	Academics-PhD Scholar	Dr MGR Educational and Research Institute, Chennai
17	Sanjay Soni and Dhanraj Chetani	Quality Improvement in Higher Technical Education-A System Dynamic Approach	Sanjay Soni	soni563@yahoon.com	Academics-PhD Scholar	Jabalpur Engineering College, Madhya Pradesh

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18	Anil Kumar Bodakuri	AIR REFRIGERATION SYSTEM BY USING VORTEX TUBE	Anil Kumar Bodakuri	anil.kacet@gmail.com	Academics-PhD Scholar	Kakatiya University,
19	Tarun Kumar Asari, Chandan Sharma, Ashish Kumar Sharma, Rohit Mishra and Doraj Kamal Jaisawa	Evaluation of Optical Efficiency of an All-Glass Evacuated Tubular Solar Collector using Ray Tracing Technique	Tarun Kumar Asari	tarunasari@gmail.com	Academics-PhD Scholar	Department of Mechanical Engineering, Govt. Engineering College Ajmer
20	Ibrahim Imbayah Khalefah Intayeh	A Control model for integration of hybrid energy system to grid	Ibrahim Imbayah Khalefah Intayeh	ibrahim.intayeh@gmail.com	Academics-PhD Scholar	Jamia Millia Islamia, Delhi
21	Tarun Kumar Asari, Rohit Mishra, Nikhil Choudhary, Ghanshyam Das Agrawal, Vikas Bansal, Doraj Kamal Jaisawa and Chandan Sharma	Effect of Chamfer Angle on Thermo-Hydraulic Performance of Artificially Roughened Solar Air Heater Duct: A CFD Simulation				Govt. Engineering College Ajmer
22	Rohit Mishra, Tarun Kumar Asari, Nikhil Choudhary, Ghanshyam Das Agrawal, Vikas Bansal, Doraj Kamal Jaisawa and Chandan Sharma	A CFD Based Thermal Performance Analysis of Artificially Roughened Solar Air Heater Duct				Govt. Engineering College Ajmer
23	Madhu Srathi Emami, Ramesh Roy and Bijay Kumar Mandal	ENERGY AND EXERGY ANALYSIS OF VAPOUR COMPRESSION REFRIGERATION SYSTEM USING ALTERNATIVE REFRIGERANTS	Ramesh Roy	rameshroy2009@gmail.com	Academics-PhD Scholar	INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR, West Bengal
24	Ramesh Roy and Bijay Kumar Mandal	THERMODYNAMIC ANALYSIS OF A VAPOUR COMPRESSION REFRIGERATION SYSTEM INTEGRATED WITH A SUBCOOLER CYCLE	Ramesh Roy	rameshroy2009@gmail.com	Academics-PhD Scholar	Indian Institute of Engineering Science and Technology, Shibpur, Howrah, West Bengal, India
25	Priyanka Sharma	Pachmaner and Emission analysis of Pongamia Biodiesel and its blends in different operating condition	Priyanka Sharma	priya24jpc@yahoo.in	MTECH and BTECH	AMITY UNIVERSITY, UTTAR PRADESH
26	Tarun Kumar Lakhtani	EFFECTIVENESS OF WASTE PLASTIC IN CONSTRUCTION OF BITUMINOUS ROAD	Tarun Kumar Lakhtani	tarun2277@gmail.com	MTECH and BTECH	Pandit Deendayal Petroleum University, Gujarat
27	Sudarshan Kumar, Dibyendu Roy and Sudip Ghosh	Thermodynamic Assessment of TEG-ORC Combined Cycle Powered by Solar Energy	Sudarshan Kumar	sudarshan344@gmail.com	MTECH and BTECH	Indian Institute of Engineering Science and Technology, Shibpur, Howrah, West Bengal, India
28	Genesh Badgajar, Sachin Nimhalwar and Mahesh Kulkarni	Experimental Investigations on Flat Plate Collector by changing Geometry of Fin using CFD – A Review	Genesh Badgajar	genesh.badgajar03@gmail.com	MTECH and BTECH	G.H. Raisoni Institute Of Engineering and Management, Maharashtra
29	Nadeem Najar and Sachindra Dakhad	Experimental Evaluation of Performance Parameters of Single Cylinder Water Cooled Diesel Engine: Jatropha and Mustard Oil Blends	Nadeem Najar	nadeemncmg@gmail.com	MTECH and BTECH	IIT Srinagar
30	Devansh Bhardwaj and Kamal Kishore Khatri	Simulation of Biodiesel in CI Engine	Devansh Bhardwaj	devanshbhardwaj1995@gmail.com	MTECH and BTECH	The LNM Institute of Information Technology, Jaipur
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32	Jharna Gupta, Madhu Agrawal, Ajay Kumar Dalia and S.P. Chawasia	Preparation and Characterization of Cao nanoparticles for biodiesel production from mixture of edible and nonedible oils.	Jharna Gupta	onlinejharna@gmail.com	Academics-PhD Scholar	MNIT, Jaipur
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34	Renu, Madhu Agrawal and Kailash Singh	Methodologies for removal of heavy metal ions from wastewater: An overview	Renu Bisht	renubisht123@gmail.com	Academics-PhD Scholar	MNIT, Jaipur
35	Shubham Mittal, Manish Dahiya, Vikas Sharma, Sheetal Kumar Jain and Om Shankar Prajapati	Thermal performance improvement of simple solar air heater by changing geometrical parameters using artificial neural network.	Shubham Mittal	shubhammittal3@gmail.com	MTECH and BTECH	Global Institute Of technology Jaipur

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36	Sandhya Jadhav and Dr V. Venkat Raj	Modeling and Simulation of central receiver solar thermal power plant	Sandhya Jadhav	sdjadhav12@gmail.com	Academic-PhD Scholar	Bharati Vidyapeeth Deemed University College of Engineering Pune
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39	Swati Dubey, Madhu Agrawal and A. B. Gupta	A Study on the characterization of the species formed during Fluoride removal through coagulation.	Swati Dubey	swatidubey2021@gmail.com	Academic-PhD Scholar	Melviya National Institute of Technology, Jaipur
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41	Rohit Mitta, Vikas Saxena, Tarun Kumar Asati, G. D. Agrawal, Chandan Sharma, Durg Kamal Jaisawa and Abhishek Agarwal	CFD SIMULATION OF EARTH AIR TUNNEL HEAT EXCHANGER SYSTEM IN CONTINUOUS AND INTERMITTENT OPERATION MODES DURING WINTER SEASON				Government Engineering College, Ajmer, India
42	Hemlata Luhar and B.R. Ramiya	CO2 mitigation through Bioconversion of Carbon Dioxide into Methane Using Biogas Slurry	Hemlata Luhar	hema.lh13@gmail.com	Academic-PhD Scholar	Mohan Lal Sukhadia University, Udaipur
43	Prakash Mahapatra and Pritam Mahapatra	Structural, morphological and electrical characterization of rGO_P3HT composite film for photovoltaic applications	Prakash Chandra Mahapatra	pram@nitk.ac.in	Academic-PhD Scholar	National Institute Of Technology, Rourkela-769008 India
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51	C. R. Rejesh, Anoop Jose and G. Chinmayankrishnan	Impact of using liquefied natural gas in transportation sector in the city of Cochin	C. R. Rejesh	rejoresharajan@gmail.com	Academic-PhD Scholar	Federal Institute of Science and Technology, Angamaly, Kerala
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55	Diksha Bokade, Shobhang Gure, Manisha Hirwale, Arvind Chel and Geetanjali Kamshik	Solar thermal power plant using parabolic dish concentrator in India	Diksha Bokade	dikshabokade@gmail.com	MTECH and BTECH	MGM'S JNEC Aurangabad
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66	Rajesh Kumar and R.P. Gokhla	INFLUENCE OF NOZZLE OPENING PRESSURE ON COMBUSTION, PERFORMANCE AND EMISSION ANALYSIS OF WASTE COOKING OIL BIODIESEL FUELED DIESEL ENGINE	Rajesh Kumar	kumarrajesh18@gmail.com	Academics-PhD Scholar	Indian Institute of Technology, Roorkee
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105	Venkatesh T Lamani, Purushoram Bedar, Nuffan Prasad B. S, Archit Ayodhya, Prakash Kumar Deep, Dr. Ajay Kumar Yadav and Dr. Kumar G N	Effect of n-butanol-diesel blends and injection timing on performance, emissions and combustion characteristics of common rail diesel engine	Venkatesh T Lamani	venkateshtlani16@yahoo.com	Academics-PhD Scholar	NATIONAL INSTITUTE OF TECHNOLOGY SURATHKAL, KARNATAKA
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135	Dr. H.K. Shivamand, Madegowda, Hanumanappa N Unki	Investigation of Mechanical Properties of Hemp and E-glass Fibre Reinforced Nano Clay Hybrid Composites	Dr. H. K. Shivamand	shivamand.hk@gmail.com	Academics-PhD Scholar	University Viswvarya College of Engineering, Bangalore
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35	12ESKME049	Karan Sirwani
36	12ESKME050	Kartikey Sharma
37	12ESKME051	Kharanshu Singh
38	12ESKME052	Lakshay Sharma
39	12ESKME053	Lalit Kumar Goyal
40	12ESKME054	Lokesh Kumar
41	12ESKME056	Manish Kumar
42	12ESKME057	Manorath Dayal Nagar
43	12ESKME061	Namit Jain
44	12ESKME062	Nanda Kishor Garg
45	12ESKME063	Navdeep Sharma
46	12ESKME065	Neeraj Malav
47	12ESKME066	Nikhil Kumar
48	12ESKME071	Nitya Prakash
49	12ESKME072	Nri Singh Choudhary
50	12ESKME073	Palash Goyal
51	12ESKME076	Piyush Baid
52	12ESKME077	Piyush Garg
53	12ESKME078	Prakash Kumar
54	12ESKME079	Prashan Vardhan
55	12ESKME080	Pratap Bhanu
56	12ESKME081	Prateek Ameta
57	12ESKME082	Praveen Kumar Poonia
58	12ESKME083	Prayag Meena
59	12ESKME084	Priyanshu Jain
60	12ESKME085	Puneet Kumar Khandelwal
61	12ESKME086	Rachit Jain
62	12ESKME087	Raghu Veer Prasad
63	12ESKME089	Rajendra Singh Rao
64	12ESKME091	Rajvaibhav Gupta
65	12ESKME092	Ranjan Kumar Barnwal
66	12ESKME093	Rishabh Joshi
67	12ESKME094	Rishabh Tripathi
68	12ESKME095	Sachin Verma
69	12ESKME096	Sagar Chugh
70	12ESKME097	Sahil Jangid
71	12ESKME099	Shubham Agarwal

72	12ESKME101	Shubhendra Singh Rajawat
73	12ESKME102	Siddharth Bhardwaj
74	12ESKME103	Sudhir Kumar Vashisth
75	12ESKME104	Sunil Kumar
76	12ESKME105	Sunil Menaria
77	12ESKME106	Tapesh Vashisth
78	12ESKME107	Taranjot Singh Gogia
79	12ESKME109	Teekam Singh Naruka
80	12ESKME110	Tilak Raj Bhawsar
81	12ESKME111	Varun Kulhari
82	12ESKME112	Varun Kumar
83	12ESKME113	Vasudev Sharan Gupta
84	12ESKME114	Vijay Singh Rathore
85	12ESKME116	Vipul Dawara
86	12ESKME118	Vishnu Bandhu Gautam
87	12ESKME119	Vishnu Kumar
88	12ESKME120	Vishwendra Singh
89	12ESKME121	Vivek Kumar Mishra
90	12ESKME122	Vivek Kumar Sharma