

# 1st International Conference on Recent Innovations in Science, Engineering & Technology (ICRISET-2020)

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## Day -01 (11 Sept.2020) TECHNICAL SESSION

[TECHNICAL SESSION I Link \(11:00AM-1:00PM\)](#)

[TECHNICAL SESSION II Link \(11:00AM-1:00PM\)](#)

Session Incharge- Dr. Ankur Rai, Mr. Pankaj Tripathi

Session Incharge- Mr. Debanjan Roy, Ms. Purnima Pal

S/ No.	Paper ID	Title of Paper	Authors	S/ No.	Paper ID	Title of Paper	Authors
1	ICRISET-2020_paper_30	Design of an IoT Based System for Monitoring and Controlling the Sub-station Equipment	Miss.Pranali Bodke, Dr.A.A.Kalage	1	ICRISET-2020_paper_31	SURVEY PAPER FOR LOAD BALANCING IN HADOOP CLUSTER OVER CLOUD COMPUTING ENVIRONMENT	Prof. Pratik Buchke
2	ICRISET-2020_paper_8	A SURVEY OF AUTHENTICATION METHODS FOR INTERNET OF THINGS	Mihir Mehta, Kajal Patel	2	ICRISET-2020_paper_43	A REVIEW: POWER QUALITY IMPROVEMNET BY USING THREE PHASE FOUR WIRE UPQC	Kaneez Fatima Wazir and Er Ankush Sood
3	ICRISET-2020_paper_13	Topology Based Routing Protocol in Vehicular Ad-Hoc Network	Vibha Oberoi, Praveena Chaturvedi	3	ICRISET-2020_paper_27	Design Consideration and Issues in Wireless Sensor Network Deployment	Vipul Narayan, A.K. Daniel
4	ICRISET-2020_paper_19	HYBRIDIZATION OF ENERGY EFFICIENT CLUSTERING AND MULTIEURISTIC STRATEGIES TO INCREASE LIFETIME OF NETWORK	Deepak Sharma, DR. Bhavna Arora	4	ICRISET-2020_paper_34	Correlating Particulate Matter Concentrations with Wind Speed and Temperature using Machine Learning Algorithms	Ritwick Ghosh
5	ICRISET-2020_paper_10	Recurrent Neural Network based Image Compression	Ashwini Kambar, Prof. V.M.Chougala, Dr. Rajashekar Shettar	5	ICRISET-2020_paper_26	Implementation of Solar Photovoltaic Grid Interfaced System using Improved Second Order Generalized Integrator Quadrature (ISOGI-Q) Algorithm	C.Dinakaran, Dr.T.Padmavathi
6	ICRISET-2020_paper_4	21 Level Inverter Topologies	Kamalakar.P, Dr. Suresh Kumar.B, Dr. Upendar Jalla	6	ICRISET-2020_paper_32	A Research on Wind-Sun Energy	Mehulkumar Shrivastav

7	ICRISET-2020_paper_5	Analysis of reliability parameters of a fiber optic communication system employing Boolean function technique	Dr. Surbhi Gupta, Anil Chandra, Anjali Naithani	7	ICRISET-2020_paper_48	NOTICEABLE CHANGE OF AIR QUALITY IN PUNJAB DURING PANDEMIC	Bachandeeep Singh Bhathal, Dr. Gaurav Gupta and Dr. Brahmaleen K. Sidhu
<a href="#">TECHNICAL SESSION III Link (03:00PM-5:00PM)</a>				<a href="#">TECHNICAL SESSION IV Link (03:00PM-5:00PM)</a>			
<b>Session Incharge- Mr. Arun Gangwar, Dr. Sourabh Pathak</b>				<b>Session Incharge- Dr. Ankur Rai, Mr. Debanjan Roy</b>			
1	ICRISET-2020_paper_6	Significance of Space/time dependent heat source on MHD flow of methanol based AA7075/Fe3O4 nanofluid over incessantly moving thin needle	G.P. Ashwinkumar	1	ICRISET-2020_paper_21	DESIGN OF SUB-WAVELENGTH AND BROADBAND PATCH ANTENNA USING SPLIT-RING RESONATOR	Preet Kaur
2	ICRISET-2020_paper_2	Weight Loss Studies of Structural Materials in Acidic Peroxide Media	Vipin Choudhary, Rajendra Kumar, A.Sharma, A.K.Singh	2	ICRISET-2020_paper_41	MODELLING AND SIMULATION OF GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM WITH LCL PASSIVE FILTER	Pankaj Dhal
3	ICRISET-2020_paper_3	Payment through Plastic Cards in Offline-Mode	Aryan Dalal, Amar Saraswat	3	ICRISET-2020_paper_44	A REVIEW ON STATUS MONITORING AND OVER CURRENT PROTECTION FOR TEXTILE MACHINE	Mehak Mushtaq and Er Ankush Sood
4	ICRISET-2020_paper_7	STUDY OF COMMERCIALY AVAILABLE POTATO CHIPS BY METAGENOMIC AND CULTURE DEPENDENT STRATEGY	S Sheik Asraf	4	ICRISET-2020_paper_25	Machine Learning Classification algorithms for Student Evaluation in Higher Education	Saroj Junghare, Samyak Mishra
5	ICRISET-2020_paper_9	Redundancy Optimization of Complex Networks with Capacity Delay Related Reliability integrated performance measure	Rakhi, G.L.Pahuja	5	ICRISET-2020_paper_51	Fog based Healthcare Framework to Identify and Control Mosquito-Borne Diseases	Kawalpreet Kaur
6	ICRISET-2020_paper_16	Detection of Plasma Bubbles using Ground Based GNSS Receiver Data Network	Swapna Raghunath, T. Meghana, T. Harika, S. Bhavani, M. Bhargavi, B. Shivani	6	ICRISET-2020_paper_50	Optimizing Process Parameters for Maximum Material Removal Rate During Turning in CNC Lathe by Utilizing Taguchi Technique	Aslam Khan, Mukesh Kumar Pandey, Trilok Chauhan and Nadeem Faisal

7	ICRISET-2020_paper_42	IOT BASED BIKE ENGINE HEALTH MONITERING USING VIBRATION	Aniket Shinde and Kapil Mundada	7	ICRISET-2020_paper_35	Analysis of Different type of vector controlled based droop controller for Islanded microgrid system	Prakhar Jaiswal, Mukh Raj Yadav, Ravishankar Gupta and Navdeep Singh
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**Day -02 (12 Sept.2020) TECHNICAL SESSION**

[TECHNICAL SESSION I Link \(11:15AM-1:00PM\)](#)

[TECHNICAL SESSION II Link \(11:15AM-1:00PM\)](#)

<b>Session Incharge- Mr. Arun Gangwar, Mr. Pankaj Tripathi</b>				<b>Session Incharge- Mr. Debanjan Roy, Ms. Purnima Pal</b>			
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1	ICRISET-2020_paper_17	POWER LOSS MINIMIZATION IN RADIAL DISTRIBUTION SYSTEM: A REVIEW	Sheraza Bashir, Er Ankush Sood	1	ICRISET-2020_paper_39	MODELLING AND SIMULATION OF GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM WITH LCL PASSIVE FILTER	Pankaj Dhal and Shashi Bhushan Singh
2	ICRISET-2020_paper_18	Determination of Permeability of Soils for International Soil Classification System Using Artificial Neural Network Technique	Jitendra Khatti, Dr. Kamaldeep Singh Grover	2	ICRISET-2020_paper_23	A Miniaturized Ultra-Wideband Lowpass Microstrip Filter Design using Modified Defected Ground Structure Techniques	Hussain Bohra, Amrit Ghosh, Anand Bhaskar, Arvind Sharma
3	ICRISET-2020_paper_20	Fuzzy approach based stable energy efficient AODV routing protocol in MANET	Ms. Shubham Choudhary, Mr. Vipul Narayan	3	ICRISET-2020_paper_11	A Novel Approach for the Study and Analysis in Designing System of Smart Grid	Sadaf Qasim, Smita Dinker
4	ICRISET-2020_paper_29	Using Machine Learning and Deep Learning to Detect Diabetic Retinopathy	Pranav Sachdeva , Rhythm Gupta , Sankalp Biswal, Arjun Goyal, Sangeeta Lal and Amanpreet Kaur	4	ICRISET-2020_paper_12	Design and Analysis of G+3 Building by STAAD PRO	Vandana katariya
5	ICRISET-2020_paper_36	A REVIEW ON DESIGN AND SIMULATION OF GRID CONNECTED SOLAR PV SYSTEM	Asia Manzoor and Er Ankush Sood	5	ICRISET-2020_paper_14	A Review on Plastic moulding manufacturing process and parameters	Shailesh Singh, Sunil Sahai, Manoj Kumar Verma
6	ICRISET-2020_paper_38	COMPARISION OF DENGUE AND MALARIA USING PHYLOGENETIC ANALYSIS AND OTHER TECHNIQUES-A REVIEW	Sumiran Ami Kapur and Dr. Jawed Ahmed	6	ICRISET-2020_paper_33	STUDIES ON THE UTILIZATION OF EAF SLAG AS COARSE AGGREGATE IN CONCRETE- A REVIEW	Mehnaz Dhar and Sanjay Sharma

7	ICRISET-2020_paper_58	Modelling of Hybrid Renewable Energy System with Techno Economic Analysis using HOMER Pro to meet the Institutional Energy Demand	Sonu Kumar and Chelliah Pillai Sethuraman	7	ICRISET-2020_paper_55	Revolution from Developing to Developed in Vividh 19: One District One Product	Satyendra Singh, Priyanka Nirankari and Shweta Shrivastava
<a href="#">TECHNICAL SESSION III Link (03:00PM-5:00PM)</a>				<a href="#">TECHNICAL SESSION IV Link (03:00PM-5:00PM)</a>			
<b>Session Incharge- Mr. Arun Gangwar, Dr. Sourabh Pathak</b>				<b>Session Incharge- Mr. Pankaj Tripathi, Ms. Purnima Pal</b>			
1	ICRISET-2020_paper_28	A Comprehensive Review on Parameters influencing the Performance of Solar Stills	Ashwini Shrivastava, Devendra Singh, Ajay Kumar Sharma	1	ICRISET-2020_paper_52	Simulation And Performance Analysis of Solar PV System Based on Multi-level Inverter	Avanish Yadav and Ashok Kumar Pandey
2	ICRISET-2020_paper_37	A REVIEW : LOAD FLOW ANALYSIS BY USING IEEE 9 BUS SYSTEM AND THREE MACHINES	Uznain Farooq and Er Ankush Sood	2	ICRISET-2020_paper_53	Machine Learning Techniques: A Systematic review	Suhel Mustajab
3	ICRISET-2020_paper_24	Nanotechnology to combat climate change-An overview	Nishtha Sahu	3	ICRISET-2020_paper_47	Chaos Synchronization among Identical Chaotic New Hamiltonian Systems using Active Control Method	Taqseer Khan and Harindri Chaudhary
4	ICRISET-2020_paper_40	Stability Analysis of Dual Isolated Bridge DC-DC Converter using TRM modulation technique	Ravishankar Gupta and Prakhar Jaiswal	4	ICRISET-2020_paper_56	Utility of esim Simulation Software for Design and Analysis of Analog and Digital Circuits	Priya Mule and Debajani Mahanta
5	ICRISET-2020_paper_46	USES OF COGNITIVE TECHNOLOGY IN MILITARY: A REVIEW	Vinay Kumar Yadav, Piyush Rai and Avadhesh Kumar Dixit	5	ICRISET-2020_paper_54	EFFECT OF FRICTION STIR PROCESSING PROCESS PARAMETER ON QUALITY CHARACTERSTICS OF AI 6063/B4C COMPOSITE	Satyendra Singh, Anurag Shrivastava and Atul Tiwari
6	ICRISET-2020_paper_49	Comparative Analysis of PID Controller Tuned Using Different Optimizing Techniques in LFC of Two Area Microgrid System	Shahnawaj Mr and R. S. Bhatia	6	ICRISET-2020_paper_15	Social Media Recommender Systems:-issues, challenges and application opportunities	Swati Pandey, Swati Pandey
7	ICRISET-2020_paper_22	Seismic Performance of Plan Irregular structure for Nepal Earthquake	Nishtha Sahu, Shahrukh Ali	7	ICRISET-2020_paper_45	An assessment on modeling and computational techniques for optimized design on solar stills	Dheeraj Kumar, Apurba Layek, Mukesh Pandey and Nadeem Faisal

**\* The schedule is flexible and subjected to the availability of our guest speakers.**

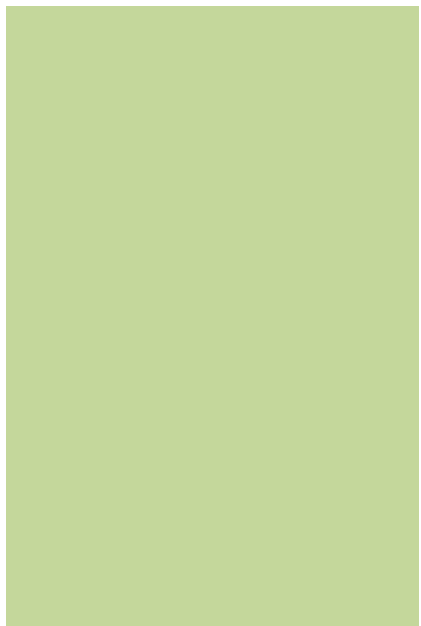
**Dr. Ankur Rai  
(Convener – ICRASET-2020)**

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ICRISET-  
2020\_paper\_57

An analysis of Particle Swarm optimization (PSO) to tackle the NP hard problem in Wireless Sensor Network

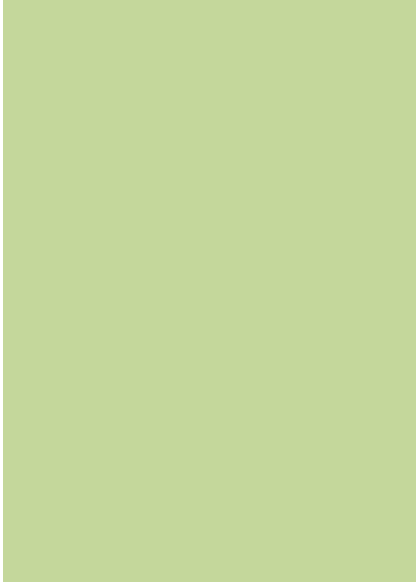
Sourabh Pathak and  
Avinash Kumar



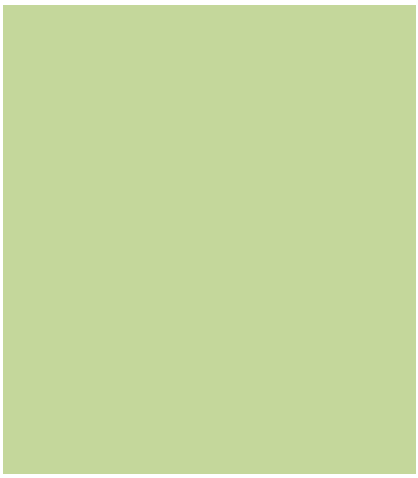
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