



INTERNATIONAL CONFERENCE ON ENGINEERING, TECHNOLOGY AND MANAGEMENT
FOR THE SUSTAINABLE DEVELOPMENT
(ICETMSD-2020)

Organized by

Computer Science & Engineering Department
and
MBA Department

IIMT Engineering College, Meerut, India
(Affiliated to AKTU Lucknow, U.P.)

26-27 May 2020

Presentation Schedule (Online)

TECHNICAL SESSION 1- ADVANCED COMPUTING AND INFORMATION TECHNOLOGY			
May 26, 2020 (Tuesday)		Time: 2:00 PM – 4:30 PM	
S.No.	Paper Id	Author (s)	Title
1	8	Dr. Sudhanshu Maurya, Mayank Nautiyal, Prof. Ir. Ts. Dr. R Badlishah Ahmad, Deepika Sharma	Impression of Cloud Computing Environment on E-Commerce Industry
2	11	Saurabh Singhal, Rooban Agrawal, Amit Garg and Ankur Rastogi	A Literature Survey: Role of TCP in IoT Applications
3	23	Arju Malik and Garima Bhardwaj	A Survey: Improvement of QoS via load balancing approach in parallel distributed system
4	45	Riya Sapra and Parneeta Dhaliwal	MissingChain: A novel blockchain system for missing or found cases
5	48	Sonika Malik and Sarika Jain	Handling Uncertainty in OWL using BN
6	61	Pooja Bhardwaj, Vikram Bali and Jaspreet Kaur	A Review on Load Balancing and Site Selection of Electric Vehicle Charging Station
7	63	Shyam Agrawal and Rakesh Rathi	Topology Control Strategies in Ad-Hoc Networks
8	66	Uma Sharma, Chetna Soni, Arpana Chaudhary and Chilka Sharma	Analysis and Literature Review of Weather Prediction and Forecasting Methods
9	69	Dr.Krishan Kumar Goyal, Vivek Jain and Dr. Shivani Chauhan	Sorted Burst Time Average Round-Robin Algorithm (SBTARRA)
10	70	Stuti Kapoor, Aparna Bhardwaj, Vishakha Sehdev and Ankit Verma	Envisioning the Future with Augmented, Virtual and Mixed Reality



TECHNICAL SESSION 2- DATA INFORMATION MANAGEMENT, NETWORK AND MACHINE LEARNING			
		May 26, 2020 (Tuesday)	Time: 2:00 PM – 4:30 PM
S.No.	Paper Id	Author (s)	Title
1.	74	Anil Sharma and Suresh Kumar	Rough Set Theory in Intelligent Information Retrieval: A Comprehensive Survey
2.	83	Kapil Kumar, Anil Kumar Solanki and Sharvan Kumar Garg	Antipatterns: A Search of Negative for Positive The Analysis of Published Taxonomy
3.	89	Dr A K Daniel and Ashok Rai	An Energy Efficient Routing Protocol for Wireless Sensor Network
4.	93	Deepak Vishwakarma and Suresh Kumar	A Survey on Effective Index Design Schemes in Local and Distributed IR Systems
5.	95	Bhavya D N and Chethan H K	Wavelet Transforms in Palm print Recognition
6.	97	Arun Kumar Singh, Khel Prakash Jayant, Nidhi Bansal, Pratik Singh and Amit Awasthi	A proposal for advanced security system based on empirical technologies: cloud computing, machine learning and the Internet of Things
7.	106	Anuj Singh and Arvind Tiwari	Computational Intelligence Technique for the Prediction of Neurotransmitters: A Review
8.	109	Garima Sinha, Deepak Sinha and Pankaj Gupta	Applications of Internet of Things in Renewable Energy Power Generation System for Efficient Monitoring
9.	115	Aejaz Paray and Krishan Goyal	To predict the best hospital in an area using Machine learning.
10.	119	Pradeep Kumar Patel, Chandu Vaidya and Parwani Dhote	Result Analysis of Hidden Identity Mechanism for File Storage Server



TECHNICAL SESSION 3- IMAGE PROCESSING AND DATA SCIENCE			
May 26, 2020 (Tuesday)		Time: 2:00 PM – 4:30 PM	
S.No	Paper Id	Author (s)	Title
1.	124	Nidhi Arora and Parth Patpatiya	Implications and Impact of Artificial Intelligence and Sustainable Development in Law & Legal Practice
2.	126	Ranjith K C and Sharath Kumar Y H	Deep Learning for Logo Classification
3.	135	Shaifali Shrivastava, Pratik Singh and Khel Prakash Jayant	An Approach for Secure Message Transmission Based On Stegnography
4.	142	Sakshi Saoji, Zayeema Masoom Bhat, Sakshi Karanjekar, Eniya Kulshreshtha and Anjali Naik	Analysis of Convolutional Neural Networks for Lung Cancer detection using CT-scan images.
5.	145	Meena Talele, Smita Jangale and M Vijayalakshmi	Rumor Detection Using Various Deep Learning Approaches
6.	165	Pankaj Kumar Gupta, Shweta Mittal, Prakhar Consul and Jitendra Kumar Jindal	A review of different vulnerabilities of Security in a Layered Network
7.	166	Ajeet Singh, Ankur Rastogi, Saurabh Singhal and Amit Garg	Data analytics: A visionary approach
8.	169	Shailja Gupta, Manpreet Kaur and Sachin Lakra	Sentiment Analysis: A Framework for Text Mining
9.	190	Rajeev Kumar and Jainath Yadav	A Robust Speech Watermarking Techniques using Arnold Transform based on multi-dimension multi-level DWT method
10.	194	Rajesh Agrawal, Harvir Singh, Vijay Singh Rathore and Saurabh Maheshwari	Evaluation of Theory based Handwritten Answers through BFO Model for Pixels and Pruned Scale Invariant Character Features



Technical Session 4- Communication system and Energy System			
		May 26, 2020 (Tuesday)	Time: 2:00 PM – 4:30 PM
S.No	Paper Id	Author (s)	Title
1.	10	Dr. Garima Bhardwaj, Arju Malik, Nitin Kumar and Shalendra Singh	Designing of Circular Polarized Micro-strip Patch Antenna
2.	75	Ghanendra Kumar and Sandeep Kumar	Performance Evaluation of Optical Amplifiers for high speed dense Optical communication system
3.	146	Sanjeev Maheshwari, Nikhil Gupta and Arvind Kumar Pandey	A Band Notched Microstrip Patch Antenna with Defected Ground Structure for Ultrawide Band Communication
4.	221	Ruchi Sharma, Khyati Chopra	Abnormalities analysis of EEG Signals for Seizure detection using Logistic regression model and a comparative analysis of neural nets and support vector machine.
5.	222	Ruchi Sharma, Khyati Chopra	A comprehensive review on human stress analysis using brain Signals
6.	60	Budigi Prabhakar and Tanveer Ahmad Wani	Crystal Structure Visualization of Niobium Nitride (NbN) Thin Film
7.	86	Jitendra Kumar Kushwaha and Pankaj Kumar	Study of dielectric parameters of liquid crystal mixtures useful as a dielectric substrate in design of Tunable Patch Antenna
8.	96	Priyanka Malhan and Monika Mittal	Analytical method for determination of cost correlation for Small Hydro Power Plants
9.	100	Simran Srivastava, Saumyadip Hazra, Shini Agarwal , Sauhardh Sethi and Souvik Ganguli	Some new GWO variants for PV systems modelling
10.	123	Tarun Shrivastava, S C Gupta and A M Shandilya	A GWO Implementation for FreeFEM++ and Its Utilization in Optimization of Roebel Cable for SFCL Applications
11.	162	Salim and Jyoti Ohri	Life Cycle Study of Solar Panel using LabVIEW
12.	174	Sonali Raj and Ramesh Kumar	Distinctive approaches for evaluating maximal power from Photovoltaic Energy system
13.	176	Tatikayala Vinay Kumar and Shishir Dixit	Enhancement of Power Quality For Wind Systems In Grid Application With SVPWM Control



TECHNICAL SESSION 5- MANAGEMENT IN EDUCATION, BANK AND EMPLOYMENT

May 26, 2020 (Tuesday)		Time: 2:00 PM – 4:30 PM	
S.No	Paper Id	Author (s)	Title
1.	17	Vikhyat Singhal and Dr. Ravinder Saini	Management Education in India: Challenges and Reforms
2.	18	Nitin Agarwal and Dr. Sidharth Jain	An analysis of relationship between macroeconomic variables and stock prices: A case study of BSE Sensex (India)
3.	43	Ms. Megha Grover and Ms. Rashi Jain	A Study On Factors Affecting The Customers Using Virtual Banking
4.	49	Joseph Paul and S. Asrafi	Employee Satisfaction Through Labour Welfare Measures In Hospitality Sector With Special Reference To Chennai
5.	50	B.K. Indrani and S. Asrafi	THR – Combo of Technology with Human Resource Industry 4.0
6.	51	M. Shalini and Dr.M. Radhikaashree	Impact on Digital Implication on Customer Confinement Techniques Using CRM
7.	76	Roopendra Singh and Rashmi Vaishya	Analysing the Employee Engagement practices in State Bank of India, Raipur region
8.	85	Supriya Sehgal, Vaishali Dhingra and Md. Abu Bakkar	Reverse Mortgage - An Empirical Study in NCR
9.	92	Vivek Rajvanshi and Vineet Choudhary	Portfolio Insurance and Leverage Based Strategies



TECHNICAL SESSION 6- LEADERSHIP AND ORGANIZATION MANAGEMENT

May 26, 2020 (Tuesday)		Time: 2:00 PM – 4:30 PM	
S.No.	Paper Id	Author (s)	Title
1.	125	John Ben Prince and Viswanathan T	Enhancing understanding of Resource Based View: analyzing impact on performance of Organizations
2.	128	Pushkar Dubey and Satish Kumar Sahu	A Comparative Study of Public and Private Health Care Services of Selected Hospitals in Chhattisgarh State
3.	131	Sahila Chaudhry and Rakesh Kumar	Impact Of FDI, Staff And Expenditure On The Profits Of Indian Private Sector Banks
4.	132	Dr. Pushkar Dubey, Dr. Abhishek Kumar Pathak and Kailash Kumar Sahu	Effect of Workplace Spirituality on Leadership, Job Satisfaction and Organisational Citizenship Behaviour: An Analytical Study in Private Manufacturing Firms
5.	136	Bhupal Bhattacharya	Re- Socialization of Probationers in West Bengal: The need of Sociological Re-integration of Ex-Probationers
6.	139	Palak Sharma and Apeksha Agrawal	What's In A Name? The Abusive Domain Of Cyber Squatting In India
7.	150	Sri Biswajit Pattajoshi, Dr Sangeeta Mohanty and Dr Debadutta Das	Brand -Image Dimensions and Bottom Of Pyramid
8.	230	Bhupal Bhattacharya	Resistance in functioning of subordinate court by advocates in India: Illegal and unethical practices
9.	242	Neha Bobde, Bhupal Bhattacharya	Globalization Fail – Barriers To Free International Trade



TECHNICAL SESSION 7- OPTIMIZATION IN MECHANICAL SYSTEM

May 26, 2020 (Tuesday)		Time: 2:00 PM – 4:30 PM	
S.No.	Paper Id	Author (s)	Title
1.	33	Rajesh Kumar, Ajay Pratap Singh and Saurabh Soni	Computational Analysis of the Effects of Elastic Foundations on Elliptical and Rectangular Cutouts FGM Plates with Random Material Properties for Post buckling in Thermal Environments
2.	54	Ram Bansal, Kapil Shrivastava, Himanshu Jain, Nimil Doshi, Niraj Soni and Nikita Soni	Conversion Of Conventional Vehicle Into An Electric Vehicle
3.	55	Ram Bansal, Avinash Sharma, Mohammed Ali, Pulkit Shrivastav, Vipul Yadav, Sarthak Mandloi and Rachit Dhanotia	Design And Fabrication Of Electric Bicycle
4.	57	Neelesh Sahu, Amit Dixit, Mohammed Ali, Shreyash Jain, Vishal Gaur and Yash Kushwah	Study Of Self Inflating Tyre System
5.	78	Neelesh Sahu, Bhupendra Shikarwar and Mohammed Ali	Design of Shock Absorbing wheel for Bicycle
6.	80	Balajee Suryavanshi, Faisal Rahmani, Aniket Sinha and S Vardhan	Design of Vibration Absorber for minimizing the Vibrations Produced in an Overhead Crane.
7.	81	Mohammed Ali, Shubham Soni, Neelesh Sahu, Ashutosh Khare, Abhi Jain and P Sharatchandra	Comparative Exergy Analysis of Vapour Compression Refrigeration System using R134a and R290
8.	91	Arpit Dubey, Afifa Kanchwala, Aditya Sharma and Ramjanam Singh	Significance Of Entrepreneurial Learning In Education Its Impact And Outcomes
9.	94	Naveen Gupta	arametric optimization of thermal performance of heat pipe using Taguchi method
10.	98	Avinash Sharma, Mohammed Ali, Ram Bansal, Aditya Pandey, Abdul Majid Khan, Adnan Khan and Aman Burman	Weight Reduction Of Wheel Rim Using 'Peek' Composites



TECHNICAL SESSION 8- AGRICULTURE, MATH AND APPLIED CHEMISTRY			
May 27, 2020 (Wednesday)			Time: 11:30 AM – 1:30 PM
S.No.	Paper Id	Author (s)	Title
1.	27	Alok Bharadwaj	Vermiremediation – A Revolution for Sustaining Soil Fertility
2.	53	Kiran Dangwal and Deepa Mehta	Innovative Technology with Micro-Irrigation For Sustainable Farming In Hills
3.	195	K Jayaraj	Green Composite Film for Food Packaging Applications
4.	201	Gurumurthy.B. Ramaiah, Parashuram S Chillal and Ashok P. Ari	Preparation and Properties of Waterproof Coated Fabrics using Non-woven Fabric as Base Material
5.	196	Nikky Kumari	More for Less Paradoxical Situation in Transshipment Problem with Mixed Constraints
6.	244	E. Poongothai and S. Divyapriya	On Fuzzy Soft Strongly Baire Spaces



TECHNICAL SESSION 9- MANAGEMENT

May 27, 2020 (Wednesday)

Time: 11:30 AM – 1:30 PM

S.No.	Paper Id	Author (s)	Title
1.	118	Piyush Goel and Dr Bibhu Prasad Sahoo	A study of Impact of Gross Domestic Product, Taxes and Business Cycle On FDI in India
2.	173	Bibhu Prasad Sahoo and Upasana Dhanda	A study on Impact of Goods & service tax on the manufacturing sector in India
3.	175	Dr. Bishwajeet Prakash and Dr. Jainendra Kumar Verma	Magnitude of Financial Distress in Micro, Small and Medium Enterprises (MSMES) in Bihar, India: A Test of Altman Z' Score
4.	182	Patiraj Kumari and Anshika Sharma	Regulation of Positive Emotions In Emotional Labour Process: Procreate As A Proliferator Of Individual Resilience
5.	202	Dr. Apoorva Trivedi and Dr. Lalitha Pillai	HR : Digital Transformation 2020
6.	206	Dr. Sunil Kumar, Ms. Abha Gupta and Mr. Manoj Kumar Mishra	Human resource practice and patient empowerment: Mediating role of Quality of patient care
7.	212	Ms. P. Vakula Kumari, Dr. Pushkar Dubey	The Mediating Effect of Job Satisfaction on Employee Performance and Organizational Commitment in relation to HRM Practices in Banking Sector in India.
8.	223	Puja Khatri and Neha Verma	The Organizational Attachment Survey: Instrument Development and Exploratory Factor Analysis
9.	240	Sapna Yadav, Mohit Gupta	Startups Branding In Dearth Of Finance: Reinventing Strategies



TECHNICAL SESSION 10 – ADVANCED ALGORITHMS, BIG DATA AND IOT			
May 27, 2020 (Wednesday)			Time: 11:30 AM – 1:30 PM
S.No.	Paper Id	Author (s)	Title
1.	199	Utsav Upadhyay, Saurabh Maheshwari and Geeta Sikka	SRD-LB: A Smart Route Determining algorithm with Load Balancing for Smart Cities in India
2.	211	Shubham Gupta, Vishal Bharti and Anil Kumar, Priyanka Dahiya	Designing Of A Hybrid Machine Learning Algorithm For Liver Disease Prediction
3.	207	Nipun Bansal, Mrinal Singhal, Mohak Rastogi and Lakshay Arora	Understanding and Analyzing Consensus Algorithms for Blockchain
4.	220	Saksham Bhambri, Muskan Ahuja, Vishakha Sehdev and Ankit Verma	Chatbot as an Innovation of Machine Learning
5.	228	Juginder Pal Singh, Anubhav Bansal and Neeraj Varshney	Bolt Based Smart Bulb for Home Automation Using Internet Of Things (BULBIFI)
6.	234	Ms. Malika Falak Naaz and Dr. Krishan Kumar Goyal	Described a Facial Expression Recognition in Real Time using Machine Learning Algorithm
7.	237	Harshita Khangarot and Alok Kumar	Statistical Decoding the Winners based on Match Parameters in the Game of Cricket
8.	238	Harshita Khangarot and Alok Kumar	An Analysis of Batting Performance of the Cricket Players
9.	239	Harshita Khangarot and Alok Kumar	Statistical Analysis on Bowling Performance of Player
10.	243	Rashika Bangroo, Kushal Gupta and Anil Kumar, Priyank Dahiya	Quantum Inspired Genetic Algorithm to solve Multiprocessor Task Scheduling Problem
11.	250	Sunita Choudhary and Anand Sharma	Ensuring Data Security in Internet of Things through Big Data Analytics
12.	253	Vishal Sharma, Niranjana Lal	An Internet of Thing based E-health Care System Incorporate with Blockchain Technology
13.	254	Nisha Sharma, Manish Sharma and Prof. D.P. Sharma	A Review of Proposed Solutions for Wormhole Attack in Manet



TECHNICAL SESSION 11- MECHANICAL PURIFICATION AND WELDING SYSTEMS			
May 27, 2020 (Wednesday)			Time: 11:30 AM – 1:30 PM
S.No.	Paper Id	Author (s)	Title
1.	121	Mr. Bhaskar Patel, Mr. Anish Kumar and Mr. Sunil Kumar Patidar	Dual Axis Solar Tracking Energy Based Water Purification System
2.	153	Hari Om Sharma, Bodhisatwa Seal, Nadeem Ali and Mohit Agarwal	Optimization Of Process Parameters Using Multi-Objective Taguchi Analysis
3.	154	Bodhisatwa Seal, Nadeem Ali, Hari Om Sharma and Mohit Agarwal	Friction Stir Welding and Processing
4.	159	Anas Islam and Vijay Dwivedi	Application of statistical and management methodologies in a small scale industry and their after effects
5.	167	Aman Sharma, Kamal Sharma and Rohit Sharma	Design and Analysis of Chassis and Powder based Additive Manufacturing for Chassis of Under Water Robot
6.	170	Aman Sharma, Vijay Dwivedi, Anas Islam and Nikhil Sharma	Design and Simulation Analysis of gas turbine blade with variation in blade angle
7.	171	Rishabh Chaturvedi, Anas Islam, Aman Sharma, Kamal Sharma and Rohit Sharma	Design and Analysis of Mechanical Gripper of Aristo-Robot for welding
8.	189	Neelesh Sahu, Aishwarya Khare, Ashish Gupta, Anshraj Singh and Gourav Patel	Enhancing Thermo-acoustic refrigeration System with the help of Vapour Absorption Refrigeration System
9.	233	Neelesh Sahu, Abdul Majid Khan, Aditya Pandey, Aman Burman, Adnan Khan and Gourav Patel	In-Wheel Epicyclic Regenerative Braking System



TECHNICAL SESSION 12- CIVIL ENGINEERING

May 27, 2020 (Wednesday)

Time: 11:30 AM – 1:30 PM

S.No.	Paper Id	Author (s)	Title
1.	47	Ali Akbar, Mr. Amir and Uzair Hasan	Experimental Investigation of Fibre Reinforced Based Geo-Polymer Concrete
2.	58	Hemant Singh Parihar, Prakash Singh, Prashant Sharma, Neha Sharma and Yogendra Kumar	Exploring the effects of Stearic Acid in terms of setting time and compressive strength as an admixture in cement mortar
3.	65	Mohit Verma, Neha Sharna, Prashant Sharma and Prakash Singh	Evaluate the effect in terms of setting time and compressive strength of Oleic Acid as an admixture in cement
4.	158	Mohd Umair and Tanveer Ahmad Wani	Steel Foam Aid of Various Disasters In Building Construction
5.	*	Subhash Kumar	Only presentation