

## Online Presentation Schedule

Online Meeting Links will be shared on or before 10 July 2024

Day and Date	Session	Time (IST)
<b>Day 1</b> <b>11 July 2024</b> <b>Thursday</b>	<b>Inauguration</b>	10.00 am to 10.40 am
	Keynote Speech 1	11.00 am to 11.40 am
	Keynote Speech 2	11.45 am to 12.25 pm
	101	12.30 pm to 02.00 pm
	102	02.15 pm to 03.45 pm
	103	04.00 pm to 05.30 pm
<b>Day 2</b> <b>12 July 2024</b> <b>Friday</b>	201	9.15 am to 10.45 am
	202	11.00 am to 12.30 pm
	203	12.45 pm to 02.15 pm
	204	02.30 pm to 04.00 pm
	205	04.00 pm to 05.30 pm
	206	04.00 pm to 05.30 pm

## Important Guidelines

- ❖ We have allotted a Paper ID to all papers, available from next page.
- ❖ Non presented papers will not be considered for the further publication process.
- ❖ All sessions will be initiated 10 minutes before scheduled time. All authors are requested to join at least 5 minutes before the start of the session.
- ❖ Authors are requested to attend the full session from the start. The internal session sequence may be subject to change in case of No Show Paper.
- ❖ **The time allotted for each paper is 10 minutes (8 minutes for presentation and 2 minutes Q & A)**
- ❖ Authors are free to select their PPT template. Please add Paper Title, Authors Names and Affiliations in the First slide. Use appropriate font color and size.
- ❖ All authors and co-authors are kindly invited to attend the Conference Inauguration on 11 July 2024.
- ❖ Please attend all keynote speeches, as they offer invaluable insights from experts and enhance your knowledge of cutting-edge developments and trends in the field.
- ❖ Please refer to the conference website for updates.
- ❖ We will send the meeting links through email on or before 10 July 2024. Please contact us immediately, if any author will not receive the links by 10 July 2024 evening.
- ❖ Please add the paper ID, Authors, Title and Session during communication so that we can assist you quickly.  
**Email: [icemtec@gmail.com](mailto:icemtec@gmail.com)**

Session : 101   Day and Date : Thursday, 11 July 2024   Time: 12.30 pm to 02.00 pm (IST)		
Paper ID	Authors	Paper Title
409	Ganesh Hegde, Shidhesh Umesh Naik	Simulation of Corrosion In Steel Tower Structures Using COMSOL Multiphysics
410	Janavi Costa, Guruvendra Velip	Experimental Study on the Properties of Hybrid Fiber Reinforced Concrete
411	Siddharth Salve, B. M. Dawari	Improvement of Service Life for Rural Roads with Rigid Pavements
412	Farman Mulla, Purnanand P. Savoikar	Testing and Develop of Design Charts Using FRP Composite Bars
413	Janhavi H Dhumale, Saurabh E Shinde, Namdeo A Hedao	Investigation of Rutting Potential of High-Density Polyethylene Pyrolytic Char Modified Bituminous Binder Using MSCR
414	Ganesh Hegde, Shidhesh Umesh Naik	Simulation of Cathodic Protection on Steel Tower Structures using Sacrificial Anodes for Enhancing Life Expectancy
415	Akhilkumar Nair, Purnanand P. Savoikar	Developing Carbon Negative Cement From Waste Material
416	Dinar R. Phuke, B. M. Dawari	Quality checks for Improving Service Life of Rural Roads with Flexible Pavements
417	Vinayak Baburao Kale, Giridhar N. Narule	Enhancing Concrete Structures A Comprehensive Exploration of the Integration of Prestressed and Non- Prestressed CFRP Systems
418	Meesala Rupas Kumar, M V Raju	Impact of Vehicular Speed on Non-Exhaust Emissions Under Various Pavement Types and Pavement Conditions

Session : 102   Day and Date : Thursday, 11 July 2024   Time: 02.15 pm to 03.45 pm (IST)		
Paper ID	Authors	Paper Title
101	Prem Kumar, Shruti Tiwari	Crafting Emotions: Understanding the Role of Digital Sculpting in Shaping Artistic Expression
102	Pallavi Shree, Somaraju Suvvari	A Survey of Recommendation System Problems and Solutions
103	Sajad Ahmad Shah, Arshad Hussain Bhat, Muzaffar Rasool	Detection of Fake News on Social Media Platforms
104	Amber Fatima, Pintu Kumar Ram	Audio Analysis for Forensic Investigation using AI Techniques
105	Mansi Chaudhary, Avdhan Tyagi, Ayan Sharma, Kuldeep Chaurasia	Hate Speech Detection - A Comprehensive Study on the Recent Attempts
106	John Heribert Nongkynrih, Minorita Lyngdoh, Sunita Warjri	A Study on the Proliferation and Impact of Recent Deepfake Videos
107	Pradeep Kumar, Shruti Tiwari	Beyond the Textbooks: A Study of Animated Content in Enhancing Students' Appreciation of India's Cultural Heritage
108	Kristi T Pham, Krishna Chaitanya Rao Kathala	Reddit Sentiment Analysis on the Impact of AI Using VADER, TextBlob, and BERT
109	Surabi G M, Rakesh Kalshetty	Silent Sentinel : Implementation of Gesture Detection and Emotion Recognition to Identify Signs of Abduction

Session : 103   Day and Date : Thursday, 11 July 2024   Time: 04.00 pm to 05.30 pm (IST)		
Paper ID	Authors	Paper Title
301	D. Anitha, Rathan Babu Athota, P. Kriti, Shaik Mohammad Arshad, Nakka Aksharcharan, B. Daniel	Earth-Based Re-Entry Module Trajectory and Aerodynamics Atmospheric Conditions on Mars
302	D Karuna Kumari, Rathan Babu Athota, Prathmesh Sunil Khutemate, Mayur Prakash Dandekar, Soumya Lalit Rangari, Sutram Puneetha	Computational Analysis of Effect of Variation Wall Function on Boundary Layer under Different Conditions Using OpenFOAM
303	Abhishek Kumar, Saurabh Mishra	Advancing Marine Conservation: The development of Sustainable Composite Sponges for Oil Spill Cleanups
304	D. Govardhan, Rathan Babu Athota, B. Daniel, Ankita Mourya, Sakshi Khiroriya, Kishan Chandel, Rajkumar Yadav	Variation of Shock Wave Strength on a Wedge in Laminar Flow at Various Mach numbers using OpenFOAM
305	Asif Nazar, Naqui Anwer	Optimal Scheduling Strategy of Hybrid Systems: Comparison of IEX, India and Ontario, Canada
306	G Sravanthi, Rathan Babu Athota, Yatharth Verma, Kandala Sai Srinivas Karthik, Abhiroop Sharma, Swatantra Mohanty	Computational Analysis of Effect of Variation of Circular Cavity on a Plate under Different Loading Conditions
307	BDY Sunil, Rathan Babu Athota, Prachi Ghosh, Avish Kumar Shrivastava, Astha Soni, Vishal Kumar Singh	Computational Analysis for Checking Optimum AC Location Mounting in a Room
308	Lavanya Singh, Prafull Anand, Rakesh Kalshetty	Assessing the application of Big Data and the United Nations Sustainable Development Goals : Challenges & Opportunities
309	Rathan Babu Athota, CH. Yagna Deepika, M. Srividya, B. Daniel, Shaik Mohammad Arshad	Computational Analysis of Molecular Collision in Wind Tunnels for Power Reduction to Conserve Electricity

Session : 201   Day and Date : Friday, 12 July 2024   Time: 9.15 am to 10.45 am (IST)		
Paper ID	Authors	Paper Title
110	Kiranbir Kaur, Kuljit Kaur Chahal	Exploring the Factors Behind Security and Privacy Issues of Using Technology Among Older Adults
111	Kamlesh K. Gautam, Shiva Prakash, R. K. Dwivedi	Enhancing Data Transmission Efficiency through IoT Devices Using 5G Networks in Healthcare Monitoring System
112	Anupama Mishra, Rakesh Kumar, Vidya Srivastava	A Comparative Analysis of TOPSIS by Using Different Distance Calculation Methods
113	Shashank G. Hase, Rajesh Kumar Rai, G. Anand Kumar	A Systematic Review on Traffic Sign Identification using Deep Learning
114	Puneet Kaur, Sahezpreet Singh, Taqdir	Exploring the Utility of Aadhar Images in Unconstrained Face Recognition
115	G Srikaanth, Kirtan J Gowda, Mohit Patil, Rakesh Kalshetty	Ransomware:It's Impact on Computing Systems
116	Shashank Mallikarjun Padanad, Pranav Prasanna Acharya, Anurag Singh, Rakesh Kalshetty	Unveiling the Shadow World: Exploring Contemporary Cybersecurity Threats In Today's Digital Landscape
117	Vasudha Pai, Rhythm Nirankari, Rakesh Kalshetty	Phishing Attacks: A Universal Phenomenon
118	Shubha SP, Lasya Sri Gude, Rakesh Kalshetty	Application of Face Recognition System in Various Fields by Mechanized Automatic Recognition



Session : 202   Day and Date : Friday, 12 July 2024   Time: 11.00 am to 12.30 pm (IST)		
Paper ID	Authors	Paper Title
401	Shashank P. Naik, Purnanand P. Savoikar	Seismic Performance of RCC Structural Components In Irregular Plan Buildings
402	Disha Cuncolikar, Ganesh Hegde	Damage Detection in Building using Principal Component Analysis (PCA) under Temperature Conditions
403	Viraj D. Shirodkar, Nisha P. Naik	A Strategy for Multi Hazard Design of a Structure
404	Mohd. Amir Hussain, Abhishek Mishra, Sachin Kumar Singh	Parametric Assessment of Load Distribution Efficiency in a Diagrid System
405	Shruti B Mangeshkar, Purnanand Savoikar	Seismic Analysis of Buildings on Slopes
406	Pundalik Alias Saiel Pradeep Kanekar, Nisha Naik	Assessment of Column Strength Of Under Construction Multi-Storeyed RCC Building For Carrying Additional Storeys
407	Aisha Hamid Ali, Nisha P Naik	Multi-Cyclic Loading Analysis of a Steel Frame Offshore Structure
408	Tarun B. Gupta, Purnanand P. Savoikar	Studies on Deep Excavation Adjacent to Existing Structures

Session : 203   Day and Date : Friday, 12 July 2024   Time: 12.45 pm to 02.15 pm (IST)		
Paper ID	Authors	Paper Title
201	Nikhil Singh, Ramesh K Sunkaria	Implementation of Efficient RSFEC Encoder and Decoder Design and Simulation
202	Abhishek Srivastava, Mamta Khosla	Device Performance comparisons of Dual Channel AlGaIn/GaN/Graded-AlGaIn/GaN and Single channel AlGaIn/GaN/GaN HEMT
203	Pawan Kumar Verma	Design and Analysis of a GDI-LECTOR Based Full Adder for Low Power
204	Amirhesam Khodakarami, Ali Kermani, Hossein Esmaeili	Simplified and Practical Human Presence Detection Using Wi-Fi Signal Features and SVM Classification
205	Pallavee Jaiswal, Saurabh Mitra	A Comparative Study of Coefficient Quantization Techniques in IIR Filter Design for ECG Signal Denoising: An SNR-Based Analysis
206	Yogesh G S, Rajesh K Gowda, Malini V L	Comparative Framework for Optimizing Transportation Systems Using IOV and UAV
207	Omkar A Malvankar, R. Shivarudraswamy	Integrating Multi-Camera Object Detection System for Enhanced Safety and Navigation in Autonomous Vehicles
208	Mariam Jabali Laskar, Debaprasad Das	CMOS in Implantable Medical Device Design
209	Venkata Lokesh Vemuri, V Sri Nandika, Rakesh Kalshetty	Road Accident Prevention And Detection System



Session : 204   Day and Date : Friday, 12 July 2024   Time: 02.30 pm to 04.00 pm (IST)		
Paper ID	Authors	Paper Title
501	Suhas Gokul Jagtap, Santoshkumar Vasantryo Wagh	Enhancing Desalination Plant Performance: Improving Corrosion Resistance and Micro-hardness of Stainless Steel 316L with Ceramic Coatings
502	Tanvi M. Kulkarni, Siddhesh V. Kulkarni, Nidhi S. Kulkarni, Varun Jasrotia, Saumitra M. Kulkarni	FDM 3D Printing of Goniometer for Contact Angle Measurement
503	Laxman M. Pawar, Ajit R Balwan, Pradip P. Shejal	Design and Analysis of Transport Frame for Compressor
504	Thamizharasan S, Gurunathan K	High-Energy Ball Milling as a Module Contrivance for Nanomaterial Unification and the Improvement of Nano Prevailing Properties
505	Pratibha M Karandikar, Nilesh C Ghuge, Laxman B Abhang	Enhancing Engineering Applications with Fiber-Reinforced Polymer Composites: A Comprehensive Assessment of Manufacturing Techniques and Performance Properties
506	Mohammed H. Rady, Sandip A. Kale, Wazir H. Khalafe, Shazarel Shamsudin, Rand J. Jadoau, Ewe L. Sheng	Analysis of Microhardness and Density of Friction Stir Welding For Aluminium Alloys AA6061 With AA5083 by Using Design of Experiment
507	Joseph O. Dirisu, Sunday O. Oyedepo, Precious I. Airhihen, Damola S. Adelekan, Uyi K. Efemwenkiekie Joseph A. Oyebanji, Sandip A. Kale	Performance Assessment of Used Vegetable Oil – Diesel Blends as Alternative to Fossil Fuel in Compression Ignition Engine
508	Sawant Priyanka Babaso	Design, Development of Industrial Robot with Multi Body Dynamic Analysis
509	Vinayak Bannur, Sangeeta Mundra	Structural Analysis and Finite Element Analysis of Two – Plate Check Valve Components: Material and Size

Session : 205   Day and Date : Friday, 12 July 2024   Time: 04.00 pm to 05.30 pm (IST)		
Paper ID	Authors	Paper Title
310	Mangesh R. Mahajan, Sanjay D. Nikhade, Mohammed H. Rady, Sandip A. Kale	Assessment of Straight Conical Diffusers for Small Wind Turbines using ANOVA Technique
601	Sahezpreet Singh, Puneet Kaur, Parminder Kaur	Systematic Strategies for Predicting Toxic Effects of Pesticides using Machine Learning Models
602	Suhas Gokul Jagtap, Mahesh Ravindra Shindikar	Hydroponics Technique in Vertical Farming: A Sustainable Solution for Urban Agriculture and Resource Constraints
801	Aditya Krishna Vangipurapu, Nishad Dhodapkar, Sunita Warjri	Fraud Detection in Credit Card and E-Commerce Using Machine Learning
802	Md. Halimuzzaman, Jaideep Sharma, Foysal Habib, Md. Rashed Alam	Financial Control and ERP Integration: Challenges and Future Trends for Sustainable Development
803	Omkar Masurkar, Yash Zankhariya, Mayank Shukla, Jayant Rao, Neepa Patel	Digital Supply Chain In FMCG
804	Deepak Sundrani, Utpal Saikhedkar	Application of MarTech in Real Estate, in India
901	Sneha Patil, Sunita Warjri	Deep Learning based Predictive Analysis for Knee Osteoarthritis
901	Niranjan Kulkarni	AI-Driven NIRA: Novel Intensity-Based Radiographic Analysis for X-ray Images
210	Taohidi Alamou Lamidi, Cossi Télesphore Nounangnonhou, Bienvenu Macaire Agbomahena, Maurel Richy Aza-Gnandji, Ibrahim Lopez	Rainfall-Flow Simulation for Assessing the Hydroelectric Potential of the Ouémé River under Disturbed Conditions

Session : 206   Day and Date : Friday, 12 July 2024   Time: 04.00 pm to 05.00 pm (IST)		
Paper ID	Authors	Paper Title
211	Kavita Shrivastava, Kalyani Salunkhe, Rishikesh Asabe, Monali Chavan, Prajakta Walke, Sanjana Darde	Intelligent Waste Management System
212	Kavita Shrivastava, Kalyani Salunkhe, Sandeep Bhandewar, Shweta Shinde, Satish Nalabale, Ashwini Yadav	Design and Development of Automatic Floor Cleaner
214	Kalyani salunkhe, Kavita Shrivastava, Minal Kokare , Shuddhay Raut, Avdhut Taral, Sanjana Korde	Design and Development of Quadcopter
215	Sanjiwani P deshमुख	Performance Improvement of Microstrip Antenna using EBG Structure
216	Jayashree Rane	Real Time -Bus Location Tracking System
217	Haripriya H. Kulkarni, Anita Kher	IoT based Portable Solar Suitcase for EV Battery Charging Application
510	Vijay Makhija, Mahesh Tatte, Vilas Meshram, Dhananjay Desai, Priyanka B. Sawant	Remote Controlled Solar Powered Screw Jack
511	Laxman Abhang, Piyush Dethe, Vaibhav Nirmal	Retrofitting of Old Aristo Robot for Multifunctional Operations
512	Somnath Chakre, Sumit Rana, Azmat Maniyar, Chandrakant Ravandale, Gajanan Karande, Priyanka Sawant	Design, CAD Modeling and Fabrication of Automatic Hammering Machine

**Session : Poster Presentations** | Posters will be available on website on **12 July 2024**

Paper ID	Authors	Paper Title
119	Prathmesh Sayal, Kamal Karteek U, Praroop Sharma, Rakesh Kalshetty	Quantum Powered Data Analysis
213	Vishal Thopate, Prabhakar Sakhare	Electrical Vehicle- Opportunities and Limitations in 2024
311	Satyarthi Sandhya, Pandey Dhirendra	The Future of Xenobots in Natural Disaster Prediction and Response
513	Prabhakar Sakhare, Vishal Thopate	An Overview on 3D printing materials technologies in the dentistry
803	Ilaz Ameti	Ilaz AMETI, Faculty of Business Administration, State University of Tetovo, Republic of North Macedonia