

VIRTUAL CONFERENCE AGENDA

5th International Conference on Recent Advancements in Engineering and Technology (ICRAET-2023)

Date: 19th & 20th May 2023

Organized by:

Institute For Engineering Research and Publication (IFERP)

KEYNOTE SPEAKERS



Dr S B Goyal

Director,

Faculty of Information Technology, City University of Malaysia,
Kuala Lumpur, Malaysia



Mr. Mike Ó 'Conroy

Director & Co-Founder,

Talk Bpo (Ireland) Ltd, Taguig, National Capital Region,
Philippines



Dr. Suresh Kaswan

Associate Dean,

Faculty of Engineering & Technology, Sharda University Uzbekistan,
Boburshah Prospekt, Andijan Uzbekistan



Dr. Renjith V Ravi

Head of the Department,
Department of ECE,

MEA Engineering College, Vengoor, Kerala, India

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TIME SCHEDULE – DAY 1 (19th May 2023)

Introduction & Welcome	09:00 AM – 09:15 AM
Special Guest of Honor Mr. Siddh Kumar Chhajer	09:15 AM – 09:30 AM
Keynote Speaker Dr. Suresh Kaswan	09:30 AM – 09:50 AM
Keynote Speaker Dr S B Goyal	09:50 AM – 10:10 AM
BREAK	10:10 AM – 10:30 AM
Main Hall Technical Session – I - CSE	10:30 AM – 05:00 PM
Breakout Room – 1 Technical session – II - CSE	10:30 AM – 05:00 PM
Breakout Room – 2 Technical session – III – IT	10:30 AM – 01:30 PM
Breakout Room – 3 Technical session – IV – S&H	10:30 AM – 01:30 PM
LUNCH BREAK	01:30 PM – 02:00 PM

Time zone in India (GMT+5:30)

TIME SCHEDULE – DAY 2 (20th May 2023)

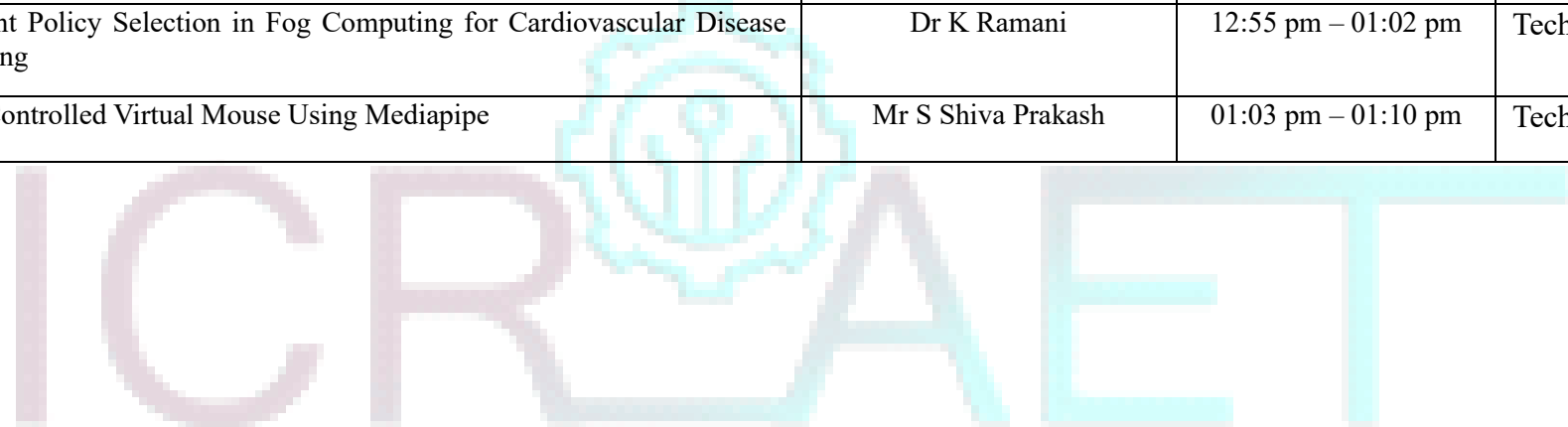
Introduction & Welcome	09:00 AM – 09:30 AM
Keynote Speaker Mr. Mike Ó 'Conroy	09:30 AM – 09:50 AM
Keynote Speaker Dr. Renjith V Ravi	09:50 AM – 10:10 AM
BREAK	10:10 AM – 10:30 AM
Main Hall Technical Session – I - CSE	10:30 AM – 05:00 PM
Breakout Room – 1 Technical session – II – ECE & EEE	10:30 AM – 05:00 PM
Breakout Room – 2 Technical session – III – CIVIL	10:30 AM – 05:00 PM
Breakout Room – 3 Technical session – IV – AERO & MECH	10:30 AM – 01:30 PM
Breakout Room – 4 Technical session – V – E&TC	10:30 AM – 01:30 PM
LUNCH BREAK	01:30 PM – 02:00 PM
VALEDICTORY FUNCTION	05:00 PM – 05:30 PM

Main Hall
Technical Session – I - CSE (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Multilingual Subtitle Detection and Removal Using Video Inpainting	Rishab Santosh	10:30 am – 10:38 am	Tech Session – I -CSE
2.	Infantza: Computer Vision and Deep Learning Enabled Infant Surveillance System	Anagha Suresh	10:39 am – 10:46 am	Tech Session – I -CSE
3.	Health Insurance Validation Using Blockchain Technology	Dhanashri Subhash Kulkarni	10:47 am – 10:55 am	Tech Session – I -CSE
4.	(A Review of Edge Computing and Cloud Computing with Performance Measure and Evaluation)	Kiran	10:56 am – 11:03 am	Tech Session – I -CSE
5.	Implementation Of Avashyam Application Using Voice Recognition and Shock Generator for Women’s Safety	Dr Suresh M B	11:04 am – 11:11 am	Tech Session – I -CSE
6.	Trust-Based Multi-Objective Remora Optimization Algorithm for Secure Clustering and Routing In Wireless Sensor Network	Mrs Nalinakshi Gopaldas	11:12 am – 11:19 am	Tech Session – I -CSE
7.	Streamlining Object Detection and Recognition with Advanced Deep Learning Techniques	Dr G Vanitha	11:20 am – 11:27 am	Tech Session – I -CSE
8.	Improving Recommendation System Performance with Event-Based Temporal Data Model	Mr. Vinod B. Ingale	11:28 am – 11:35 am	Tech Session – I -CSE
9.	Smart Agriculture System Using Iot	Mr. Chanchal Antony	11:36 am – 11:43 am	Tech Session – I -CSE
10.	Sentimental Analysis of Product Based on Reviews	Divakar Ashok Lokhande	11:44 am – 11:51 am	Tech Session – I -CSE
11.	3D Pose Estimation Using GNN And Semi-Supervised Learning	Pankaj	11:51 am – 11:58 am	Tech Session – I -CSE
12.	Personality Assessment Using Machine Learning for Handwritten Text	Sakshi Pradip Mutkule	11:59 am – 12:06 pm	Tech Session – I -CSE
13.	Crop Yield Prediction Using Supervised Machine Learning Technique	V Sandeep Kumar Reddy	12:07 pm – 12:14 pm	Tech Session – I -CSE

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14.	Brain Tumor Classification Using Ensemble Learning	Ansh Kakkar	12:15 pm – 12:22 pm	Tech Session – I -CSE
15.	Exploring The Efficacy of a Paraphrasing Model Based on T5 And BART Architecture for Textual Paraphrase Generation	Siddhesh Bangar	12:23 pm – 12:30 pm	Tech Session – I -CSE
16.	Analyzing Twitter Feeds: Real-Time Sentiment Analysis	Vaibhav Kshirsagar	12:31 pm – 12:38 pm	Tech Session – I -CSE
17.	Development Of an E-Commerce Store with Integrated Augmented Reality	Anne Dheeraj Chowdary	12:39 pm – 12:46 pm	Tech Session – I -CSE
18.	Road Sign Recognition	Navya Sree Kapu	12:47 pm – 12:54 pm	Tech Session – I -CSE
19.	Placement Policy Selection in Fog Computing for Cardiovascular Disease Monitoring	Dr K Ramani	12:55 pm – 01:02 pm	Tech Session – I -CSE
20.	Action Controlled Virtual Mouse Using Mediapipe	Mr S Shiva Prakash	01:03 pm – 01:10 pm	Tech Session – I -CSE



Breakout Room – 1
Technical session – II – CSE (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Fault Diagnosis of Automobile Gearbox Based on Machine Learning Techniques	Chundru Tarun Siva Teja	10:30 am – 10:38 am	Tech session – II –CSE
2.	Fashion Recommendation System	Harishankar Yadav	10:39 am – 10:46 am	Tech session – II –CSE
3.	A Deep Learning Approach to Early Alzheimer's Disease Detection	Sai Ram Pendyala	10:47 am – 10:55 am	Tech session – II –CSE
4.	To Study and Analyze the Existing Approaches for Smart Home Automation	Khalid Aziz	10:56 am – 11:03 am	Tech session – II –CSE
5.	Image Processing Using Artificial Intelligence	Anu Jayalwal	11:04 am – 11:11 am	Tech session – II –CSE
6.	Artificial Intelligence	Sharada Vishvanath Sarode	11:12 am – 11:19 am	Tech session – II –CSE
7.	Credit Card Fraud Detection Using ML And CNN	Parthib Ranjan Ray	11:20 am – 11:27 am	Tech session – II –CSE
8.	Classification Of Medicinal Plants Using Leaf with Machine Learning Techniques: Review	Nilesh Sudhakar Rao Bhelkar	11:28 am – 11:35 am	Tech session – II –CSE
9.	Bone Fracture Classification Using SVM And CNN	K Yugesh	11:36 am – 11:43 am	Tech session – II –CSE
10.	Early-Stage Prediction of Lung Cancer Using Deep Learning	C Nandagopal	11:44 am – 11:51 am	Tech session – II –CSE
11.	Survey Enhancement of Cyber Security Using Internet of Things	Kanimozhi M	11:51 am – 11:58 am	Tech session – II –CSE
12.	Dr. Smart Healthcare System for Symptom Diagnosis and Disease Prediction	Mohammed Hannan Ahmed	11:59 am – 12:06 pm	Tech session – II –CSE
13.	An Approach for Increasing Security of Data Storage in Cloud Using Encryption Algorithm	Nishanth Kumar	12:07 pm – 12:14 pm	Tech session – II –CSE

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14.	A Load Balancing Algorithm for The Data Centres to Optimize Cloud Computing Applications	K Lokesh	12:15 pm – 12:22 pm	Tech session – II –CSE
15.	Real-Time Fire Detection and Alert Trigger System Based on Deep Learning	Revanth Babu	12:23 pm – 12:30 pm	Tech session – II –CSE
16.	Implementation Of Sign Language Recognition with Tynml Using Smart Gloves	Ritika Basavaraj Hiremath	12:31 pm – 12:38 pm	Tech session – II –CSE
17.	Design And Analysis of Low Power Multimodulus Frequency Divider Using True Single-Phase Clock (TSPC) And Extended-TSPC (ETSPC) Technologies	Dr. Antony P J	12:39 pm – 12:46 pm	Tech session – II –CSE
18.	Network Intrusion Detection System: Phishing	Akash Sai Reddy Are	12:47 pm – 12:54 pm	Tech session – II –CSE
19.	Differentiating Pneumonia and Covid 19 Using Deep Learning	T Gandhi Varma	12:55 pm – 01:02 pm	Tech session – II –CSE
20.	Efficient And Secure Data Sharing in Mobile Cloud Storage for Users	B V S R Praneeth	01:03 pm – 01:10 pm	Tech session – II –CSE

Breakout Room – 2
Technical session – III – IT (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Route Updation During Construction Using YOLO Framework	Afra banan. G	10:30 am – 10:38 am	Tech session –III –IT
2.	Literature Survey on Decentralized Transaction Systems in Crowdfunding Platforms	Bhavana Bafna	10:39 am – 10:46 am	Tech session –III –IT
3.	Codesk (Real-Time Code Collaboration Platform)	Dr. Kalyan D Bamane	10:47 am – 10:55 am	Tech session –III –IT
4.	Security Issues with Blockchain Technology Adoption- A Systematic Review	Ansar Dildar Chadhar	10:56 am – 11:03 am	Tech session –III –IT
5.	Air Writing Recognition using Live Video and Machine Learning	Ishwar Chandra Mandal	11:04 am – 11:11 am	Tech session –III –IT
6.	Efficient Currency Recognition and Value Detection System using Image Processing	Varsha S	11:12 am – 11:19 am	Tech session –III –IT
7.	Utilizing Adaboost and CNN to assist healthcare professionals in lung cancer classification: A survey	Rohit Chitale	11:20 am – 11:27 am	Tech session –III –IT
8.	Quality Assurance using Private Blockchain based milk supply chain	Adwait Deshmukh	11:28 am – 11:35 am	Tech session –III –IT
9.	Iot Based Water Quality Monitoring by Applying Machine Learning	Parvathi S	11:36 am – 11:43 am	Tech session –III –IT
10.	EDUBOSS Learning using Augmented Reality	SuryaPavaniVadali	11:44 am – 11:51 am	Tech session –III –IT
11.	Detection of Data Breaches for Cyber Security	Baviriseti Hemesh Phani Sai	11:51 am – 11:58 am	Tech session –III –IT
12.	Multi-purpose Water Management for Reverse Osmosis (RO) Dissipated water using the Internet of Things	Shalini V	11:59 am – 12:06 pm	Tech session –III –IT

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13.	Control of E-Vehicles using Maps Integrated with Speed Limits DataR	Ranush krishna K	12:07 pm – 12:14 pm	Tech session –III –IT
14.	Phishing Aware -Ham Detection Approach for Anti-Phishing	Karpaga Bhavani.v	12:15 pm – 12:22 pm	Tech session –III –IT
15.	The Use of Blockchain in Agriculture Supply Chain Management	Sanket Chaudhari	12:23 pm – 12:30 pm	Tech session –III –IT
16.	Drowsiness Detection System Using OpenCV and Python	Sampada Chauhan	12:31 pm – 12:38 pm	Tech session –III –IT
17.	Customizable Hand Sign Recognition Using Deep Learning	Hamzah Khan	12:39 pm – 12:46 pm	Tech session –III –IT
18.	Inverse Cooking - Recipe recognition using Convolutional Neural Network	Sugamya Katta	12:47 pm – 01:04 pm	Tech session –III –IT

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Breakout Room – 3

Technical session – IV – S&H (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Growth Mechanism and Optical Properties of Bi ₂ O ₃ -Al ₂ O ₃ Nano Crystalline Materials	Ritu	10:30 am – 10:38 am	Tech session – IV –S&H
2.	Web3 And Business to Consumer Electronic Commerce: Indian Competition Law Paradigm	Amrit Subhadarsi	10:39 am – 10:46 am	Tech session – IV –S&H
3.	Driver Safety System	Shruti Bawankar	10:47 am – 10:55 am	Tech session – IV –S&H
4.	A Comprehensive Review of The Mechanical Properties of Composites/Films Made from Polyvinyl Alcohol.	Aayushman Chaudhry	10:56 am – 11:03 am	Tech session – IV –S&H
5.	Extrinsic Factors Influencing Job Choice of Secondary School Students: A Study with Special Reference to Gender Difference	Priyanka Mahajan	11:04 am – 11:11 am	Tech session – IV –S&H
6.	Performance Evaluation of Machine Learning Algorithms for Network Intrusion Detection with Features Combination	Aman Gautam	11:12 am – 11:19 am	Tech session – IV –S&H
7.	Developing and Evaluating a Binary Hate Speech Dataset: A Comparative Study of Machine Learning Models	Harsh Mittal Ajeet Kumar	11:20 am – 11:28 am	Tech session – IV –S&H
8.	Solutions of Complex Morse potential with position-dependent negative mass	Parthasarathi	11:29 am – 11:36 am	Tech session – IV –S&H

LUNCH BREAK – (01:30PM – 02:00 PM)

Main Hall
Technical Session – I - CSE (02:00 PM – 05:00 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	A new framework for extending the security of the cloud data with the help of encrypted API	Dr Arvind Kumar	02:00 pm – 02:08 pm	Tech Session – I -CSE
2.	Sign Language Recognition Using ML	Shreyas Kota	02:09 pm – 02:16 pm	Tech Session – I -CSE
3.	Predicting The Risk of Cardiac Disease by Using Ensemble Learning	Kautharapu Bhanu Prakash	02:17 pm – 02:24 pm	Tech Session – I -CSE
4.	Music Genre Classification Using Machine Learning Algorithm	Ashutosh Nahak	02:25 pm – 02:32 pm	Tech Session – I -CSE
5.	Fake Currency Detection	S Ajay Rajendran	02:33 pm – 02:40 pm	Tech Session – I -CSE
6.	Comparison of Hybrid Models using Ensemble Method for Sentimental Analysis on climate change	Divya Shanker Gupta	02:41 pm – 02:48 pm	Tech Session – I -CSE
7.	Disease Probability Prediction through Multiple Feature Correlation	S Babu	02:49 pm – 02:56 pm	Tech Session – I -CSE
8.	Classification Of Music Genres Using Deep Learning	Guduri Lakshmi Reetika	02:57 pm – 03:04 pm	Tech Session – I -CSE
9.	Analytical study for price prediction of bitcoin using machine learning	Kaviyashre R P	03:05 pm – 03:12 pm	Tech Session – I -CSE
10.	Chilli Leaf Disease Detection with the Different Features of Original Chilli Using Region Based Convolutional Neural Network	M Gopichandd	03:13 pm – 03:20 pm	Tech Session – I -CSE
11.	A Comparative Study of Svm And Naive Bayes Classifiers For Sentiment Analysis: A Review Of Recent Research Results	Chllukuri Phalguna Siddhartha Reddy	03:21 pm – 03:28 pm	Tech Session – I -CSE
12.	Development of Digital Voting System using Face Recognition	Kalyani Pendke	03:29 pm – 03:36 pm	Tech Session – I -CSE
13.	Object Identification with Voice Prompt Using YOLO v7	Y Akhil	03:37 pm – 03:44 pm	Tech Session – I -CSE

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14.	Brain Tumor Detection by Swt Based Image Fusion with Neural Network	Karthik K	03:45 pm – 03:52 pm	Tech Session – I -CSE
15.	User Friendly Robot for Aged and Physically Disabled People	Dr. Anuradha T	03:53 pm – 04:00 pm	Tech Session – I -CSE
16.	Football Player Tracking and Ball Detection Using Yolov5	Mrs. B. Sowmiya	04:01 pm – 04:08 pm	Tech Session – I -CSE
17.	Virtual Canvas Using Open CV	Atish Kasar	04:09 pm – 04:16 pm	Tech Session – I -CSE
18.	Cross(X)-Modal Contrastive Learning for Text-to-Image Generation	Vijay reingaraj R	04:17 pm – 04:24 pm	Tech Session – I -CSE
19.	In Depth Analysis of distinct Object-Oriented Design Metrics and its Impact on Software Complexity	Zeba Anjum	04:25 pm – 04:32 pm	Tech Session – I -CSE
20.	Exploring the Role of Voice Assistants in Enhancing Accessibility for People with Disabilities: A Comprehensive Review"	Radhika Kolhekar	04:33 pm – 04:40 pm	Tech Session – I -CSE

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Breakout Room – 1
Technical session – II – CSE (02:00 PM – 05:00 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Flood Segmentation and Damage reparation calculation	V Aravind Karthik	02:00 pm – 02:08 pm	Tech session – II –CSE
2.	Comparative Analysis of Deep Learning Models for Early Prediction and Subtype Classification of Ovarian Cancer: A Comprehensive Study	Kokila Rohit Kasture	02:09 pm – 02:16 pm	Tech session – II –CSE
3.	Network traffic classification using Intrusion Detection System on IoT–Machine Learning and Deep Learning Approach	V. Surya	02:17 pm – 02:24 pm	Tech session – II –CSE
4.	Solar energy battery size prediction	Tarun sai	02:25 pm – 02:32 pm	Tech session – II –CSE
5.	Garbage Classification using Computer Vision	Saumy Bhadauria	02:33 pm – 02:40 pm	Tech session – II –CSE
6.	Exploratory Data Analysis of Historical Indian Weather Data for Prediction and Installation of Sustainable Sources of Energy by using Machine Learning and Deep Learning	Hriday Anand	02:41 pm – 02:48 pm	Tech session – II –CSE
7.	News Inference Using Text Classification	VENNA SAI KIRAN REDDY	02:49 pm – 02:56 pm	Tech session – II –CSE
8.	Detecting Diseases in Gastrointestinal Biopsy Images Using Cnn	Abhishek Sriramoju	02:57 pm – 03:04 pm	Tech session – II –CSE
9.	An Intelligent Traffic Light Control System Using Yolo	NIRANJAN REDDY	03:05 pm – 03:12 pm	Tech session – II –CSE
10.	Image Steganography using Convolutional Neural Networks	Nambissan Shweta Rajan	03:13 pm – 03:20 pm	Tech session – II –CSE
11.	Event Management App for College	Mansi Maurya	03:21 pm – 03:28 pm	Tech session – II –CSE
12.	Personality prediction using Machine Learning	Mr. Abhijeet A. Urunkar	03:29 pm – 03:36 pm	Tech session – II –CSE

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13.	Fraud Detection Using Machine Learning Approaches	Shravani Mathpati Jangam	03:37 pm – 03:44 pm	Tech session – II –CSE
14.	Applicant Credentials Tracker for Employment Using Blockchain Technology	Preetham Chandrababu Shinde	03:45 pm – 03:52 pm	Tech session – II –CSE
15.	Damage Car Parts Identification Using Machine Learning	Pavan Pandhare,	03:53 pm – 04:00 pm	Tech session – II –CSE
16.	Crop Yield Prediction	Pranav Pandurang Kumathekar	04:01 pm – 04:08 pm	Tech session – II –CSE
17.	A Review on Mental Health Prediction using Machine Learning Approaches	Yash Malavade	04:09 pm – 04:16 pm	Tech session – II –CSE
18.	Handwriting Recognition System Using Machine Learning	Swarupa Undale	04:17 pm – 04:24 pm	Tech session – II –CSE
19.	Development Of a Low-Cost Glove-Based Wearable Device for Stroke Patients' Care Using Iot	Aaroh Verma	04:25 pm – 04:32 pm	Tech session – II –CSE
20.	DeepOCR: Enhancing Handwritten Text Recognition and Voice Detection with Cutting-Edge Deep Learning Algorithms	Saanvi Shankar	04:33 pm – 04:40 pm	Tech session – II –CSE

END OF DAY 1

Time zone in India (GMT+5:30)

DAY – 2 | 20th May 2023 – TCECHNICAL SESSIONS
Main Hall
Technical Session – I – CSE (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Sentiment Analysis of Social Media Data through Automated Web Scraping based on Regional Location of User	Dr R A Kathika	10:30 am – 10:38 am	Tech Session – I -CSE
2.	A Review on the work of crop yield prediction	P Sowmya	10:39 am – 10:46 am	Tech Session – I -CSE
3.	Palm Motion Recognition based on CNN for Interaction between Human and Computer	Abhishek Rathod	10:47 am – 10:55 am	Tech Session – I -CSE
4.	Performance Evaluation of Machine Learning Algorithms for Malware Detection	Pamidi Kumar Chowdary	10:56 am – 11:03 am	Tech Session – I -CSE
5.	Real Time Sign Language Recognition to Text and Speech Generation	Siva Karthik Koncha	11:04 am – 11:11 am	Tech Session – I -CSE
6.	Exploring the Effectiveness of different abstractive text summarization models – A Comparative Study	Chahat Mittal	11:12 am – 11:19 am	Tech Session – I -CSE
7.	Surveying Image Reconstruction Algorithms: A Critical Review	Ankita	11:20 am – 11:27 am	Tech Session – I -CSE
8.	Media Content Summarization	Rachit Agarwal	11:28 am – 11:35 am	Tech Session – I -CSE
9.	Data-Driven Prognosis and Adaptive Robust Methodology for Milling Machines Fault Prediction Using Integrated Progressive Learning	R Nivedha	11:36 am – 11:43 am	Tech Session – I -CSE
10.	Email Spam detection using machine learning	Mr Shrihari Khatawkar	11:44 am – 11:51 am	Tech Session – I -CSE

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11.	Deep Learning-Based Automatic License Plate Detection and Extraction.	Rashmita Pandey	11:51 am – 11:58 am	Tech Session – I -CSE
12.	Hyperparameter Tuning Approach based heart disease prediction	Kusampudi Soumith Varma	11:59 am – 12:06 pm	Tech Session – I -CSE
13.	Smart Irrigation System using soil moisture sensor	Kshamaa S	12:07 pm – 12:14 pm	Tech Session – I -CSE
14.	Using Blockchain technology in real estate Transactions:A narrative review	Vaishnavi Malik	12:15 pm – 12:22 pm	Tech Session – I -CSE
15.	Residual Neural Network Based Satellite Image Classification Using Deep Learning Approach	J Faritha Banu	12:23 pm – 12:30 pm	Tech Session – I -CSE
16.	Siddha Herbal Formulation	Rajorshi Sen Gupta	12:31 pm – 12:38 pm	Tech Session – I -CSE
17.	Spam Filtering Techniques based on Natural Language Processing Framework	A. Umamageswari	12:39 pm – 12:46 pm	Tech Session – I -CSE
18.	Towards Patient-Specific Computational Efficient Predicting Parkinson's Disease Using Ensemble Learning	R. Harini	12:47 pm – 12:54 pm	Tech Session – I -CSE
19.	Credit Recommender System Using BlockChain	Raghul Akash	12:55 pm – 01:02 pm	Tech Session – I -CSE
20.	Design and Development of Music Based Web Application	Vaishnavi B	01:03 pm – 01:10 pm	Tech Session – I -CSE

Breakout Room – 1
Technical session – II – ECE & EEE (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Efficient Wireless Charging System	Dr S M Potdar	10:30 am – 10:38 am	Tech Session – II - ECE & EEE
2.	Power Shot Mobile Charger: E-Waste Management	Jayashree Mallapur	10:39 am – 10:46 am	Tech Session – II - ECE & EEE
3.	A Survey on Restoration of Rainy Images	Athulya Vijay V L	10:47 am – 10:55 am	Tech Session – II - ECE & EEE
4.	Breast Cancer Detection and Classification Using Inceptionv3 and Efficientnetb3 Algorithms	Deepthi K	10:56 am – 11:03 am	Tech Session – II - ECE & EEE
5.	Cascaded Multilevel Inverter with Reduced switch in Marine propulsion system	Padmashini	11:04 am – 11:11 am	Tech Session – II - ECE & EEE
6.	Design of screw classifier tool for identification of defective screws before installation	Suhani Jamadar	11:12 am – 11:19 am	Tech Session – II - ECE & EEE
7.	Design and analysis of power efficient DDR3 SDRAM Controller using clock gating for high-speed applications	V Prasanth	11:20 am – 11:27 am	Tech Session – II - ECE & EEE
8.	A Survey on Secure Cognitive Radio Network with Optimal Resource Management	T Vijaya Kumar	11:28 am – 11:35 am	Tech Session – II - ECE & EEE
9.	Design and Analysis of Image Recognition Techniques using Machine Learning Algorithms for olfactory System	Hariprasath.s	11:36 am – 11:43 am	Tech Session – II - ECE & EEE
10.	Performance Comparison of Planar and Coaxial Carbon Nanotube Field Effect Transistor	Ida Hope P	11:44 am – 11:51 am	Tech Session – II - ECE & EEE
11.	Fire Alarm Control and Evacuation System	Ganesh Arravind B	11:51 am – 11:58 am	Tech Session – II - ECE & EEE

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12.	A Wearable Fractal Antenna for ISM band Applications	Harvinder Kaur	11:59 am – 12:06 pm	Tech Session – II - ECE & EEE
13.	An out of box curriculum using critical thinking	Arvind Vishnubhatla	12:07 pm – 12:14 pm	Tech Session – II - ECE & EEE
14.	Control Strategies for Microgrid Of 7.5 Kw Hybrid System	Shrihari Rajendra Gulhane	12:15 pm – 12:22 pm	Tech Session – II - ECE & EEE
15.	Design of BLDC motor and its Controlling	Prof. Amruta Kulkarni	12:23 pm – 12:30 pm	Tech Session – II - ECE & EEE
16.	Design of Dual Band Reconfigurable MIMO Antenna for Wireless Communication Applications	Ramamohan Bongu	12:31 pm – 12:38 pm	Tech Session – II - ECE & EEE
17.	Design of LIFI based underwater communication system	R Deepika	12:39 pm – 12:46 pm	Tech Session – II - ECE & EEE
18.	Modeling and simulation of a Hybrid PV/Wind/Battery Storage OFF-Grid Power System	Gaurav Mishra	12:47 pm – 12:54 pm	Tech Session – II - ECE & EEE
19.	Improvement of power factor in wireless electric vehicle charging using inductive power transfer topology	Neha Pal	12:55 pm – 01:02 pm	Tech Session – II - ECE & EEE
20.	Smart Helmet for Accident Prevention: An EV-Based Approach	Tharun Kumar Jayaprakash	01:03 pm – 01:10 pm	Tech Session – II - ECE & EEE
21.	Neural Network Based Solar Powered Induction Motor	Anant Kumar Maurya	01:11 pm – 01:18 pm	Tech Session – II - ECE & EEE
22.	A System for Monitoring Medical Care Based on The IOT And Using Sensors	Ambati Geetha Sravanthi	01:19 pm – 01:26 pm	Tech Session – II - ECE & EEE

Breakout Room – 2
Technical session – III – CIVIL (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Effect On the Durability of Cement Based Concrete Subjected to Sulphuric Acid Attack	Aliya Naseer	10:30 am – 10:38 am	Tech Session – III - CIVIL
2.	Freeze thaw effect on Graphene Nano Concrete	Suehail Aijaz Shah	10:39 am – 10:46 am	Tech Session – III - CIVIL
3.	Flexural strength of steel fiber reinforced concrete	Dr. Manzoor Ahmad Tantray	10:47 am – 10:55 am	Tech Session – III - CIVIL
4.	An Artificial Neural Network Approach for Selection of a Contractor	Sreekanth P S	10:56 am – 11:03 am	Tech Session – III - CIVIL
5.	Study of volumetric shrinkage on natural rubber latex modified geopolymer concrete	Ramu Debnath	11:04 am – 11:11 am	Tech Session – III - CIVIL
6.	Review on Analytical and Numerical Models to Predict the Behavior of Rolled Steel I beams Strengthened by FRP	Sanket S. Patil	11:12 am – 11:19 am	Tech Session – III - CIVIL
7.	Investigation on effect of super-plasticizer on compressive strength of GGBS Concrete	Mr. Rahul Ashok Joshi	11:20 am – 11:27 am	Tech Session – III - CIVIL
8.	Seismic Behavior of Steel Plate Shear Wall for R. C. Building	Shardul G Joshi	11:28 am – 11:35 am	Tech Session – III - CIVIL
9.	Application of Genetic Programming for Predicting Bond Strength of Concrete	Preeti Namjoshi	11:36 am – 11:43 am	Tech Session – III - CIVIL
10.	Investigation of Mechanical and Micro structural Properties of Fly Ash and GGBS Based Geo-polymer Concrete	Mr. Rahul Ashok Joshi	11:44 am – 11:51 am	Tech Session – III - CIVIL
11.	Performance evaluation of natural geocells with recycled aggregates	Kavya Sanjay Jain	11:51 am – 11:58 am	Tech Session – III - CIVIL

VIRTUAL CONFERENCE

12.	Comprehensive Approach to Risk Identification and Its Mitigation for Successful Large Scale Infrastructure Projects	Mukkawar Pravin Shankarrao	11:59 am – 12:06 pm	Tech Session – III - CIVIL
13.	Analysis of Road Infrastructure by using Prioritisation Index, Qgis and AHP	Bhushan Sureshrao Chaudhari	12:07 pm – 12:14 pm	Tech Session – III - CIVIL
14.	Application Of Geopolymer Concrete in Reinforced Structures	Salomie Lemos	12:15 pm – 12:22 pm	Tech Session – III - CIVIL
15.	Implementation of Value Engineering in Flyover Bridge	Junaid Khan	12:23 pm – 12:30 pm	Tech Session – III - CIVIL
16.	Comparison Of Analytical Hierarchy Process and Pavement Condition Rating (Pcr) Method for Prioritizing Road Maintenance	Tejas Sandesh Lambhate	12:31 pm – 12:38 pm	Tech Session – III - CIVIL
17.	Gis Based Repair Methods for Heritage Structures	Pasi Vijay Rajendra	12:39 pm – 12:46 pm	Tech Session – III - CIVIL
18.	Performance Analysis of Water Distribution Network Using Watergems	Patil Snehal Deelip	12:47 pm – 12:54 pm	Tech Session – III - CIVIL
19.	Application of GIS in SEZ (Special Economic Zone) Phase – I, Navi Mumbai for Project Optimization	Saurabh Santosh Waghmare	12:55 pm – 01:02 pm	Tech Session – III - CIVIL
20.	Blockchain For Billing to Construction Contractor	Yogesh Dilip Mulik	01:03 pm – 01:10 pm	Tech Session – III - CIVIL

Breakout Room – 3
Technical session – IV – AERO & MECH (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Review Paper of Combustion Swirler for Cold Flow	Mansha Kumari B Patel	10:30 am – 10:38 am	Tech Session – IV - AERO & MECH
2.	Numerical Analysis of the effect of wing stagger on the aerodynamic performance of a boxed wing aircraft	K. Pranathi	10:39 am – 10:46 am	Tech Session – IV - AERO & MECH
3.	Optimization of a Heat Sink Design for Improved Thermal Performance	Aarnav Aji	10:47 am – 10:55 am	Tech Session – IV - AERO & MECH
4.	A Review on Emerging Technologies in Maintenance through the aspect of Reliability and Maintainability Models	Shaktiyavesh Nandan Pratap Singh	10:56 am – 11:03 am	Tech Session – IV - AERO & MECH
5.	A Numerical Investigation to Analyze the Effect of Inner Arc Extension On The Performance Of A Water Rotor	Vimal Patel	11:04 am – 11:11 am	Tech Session – IV - AERO & MECH
6.	IOT Based Home Smart Energy Meter Monitoring system with remote control using ESP32	Bernard Tumaini Msaki	11:12 am – 11:19 am	Tech Session – IV - AERO & MECH
7.	Analysis of Solar Portable Immersion Heater using PCM for water heating.	Varad Shripat Vichare	11:20 am – 11:27 am	Tech Session – IV - AERO & MECH
8.	Effect Of Transformer Oil and Oil Based Nanofluids on Transformer Cooling	Atharva Vinay Dhapare	11:28 am – 11:35 am	Tech Session – IV - AERO & MECH
9.	Investigation On Power Density for Nanostructured Thin Film Solid Oxide Fuel Cell: A Numerical Study	Rishabh Ravikant Gaikwad	11:36 am – 11:43 am	Tech Session – IV - AERO & MECH
10.	Mathematical and CFD Modeling for Reducing Natural Gas Consumption and Emissions with Waste Heat Recovery in Aluminum Heat Exchanger Brazing	Shashank S Kadu	11:44 am – 11:51 am	Tech Session – IV - AERO & MECH

VIRTUAL CONFERENCE

11.	Effect of environmental cyclic aging on NMC and LFP 18650 cylindrical cell.	Shubham Sahadev Harne	11:51 am – 11:58 am	Tech Session – IV - AERO & MECH
12.	Machine Learning and Deep Learning Approaches for Defect Detection in Manufacturing	Dibya Tripathi	11:59 am – 12:06 pm	Tech Session – IV - AERO & MECH
13.	Investigation On Enhancing Current Capabilities Of Mcad With Ecad Collaboration	Ashwin Waat	12:07 pm – 12:14 pm	Tech Session – IV - AERO & MECH

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Breakout Room – 4
Technical session – V – E&TC (10:30 AM – 01:30 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Simple Reverse Image Search Engine Using Unsupervised Learning Method for e-commerce	Anushree Deshpande	10:30 am – 10:38 am	Tech Session – V – E&TC
2.	Comparative study of Liquid and Metal Antennas	Harshada Burande	10:39 am – 10:46 am	Tech Session – V – E&TC
3.	Structural Texture Segmentation of Retinopathy of Prematurity Images using Gabor filter on Indian Database	Sushma Kadge	10:47 am – 10:55 am	Tech Session – V – E&TC
4.	Air Writing Recognition	Shraddha Mishra	10:56 am – 11:03 am	Tech Session – V – E&TC
5.	Analysis Of Multiple Output Smpls Topology for Pc and Medical Application	Mrs. Megha V. Shinde	11:04 am – 11:11 am	Tech Session – V – E&TC
6.	Survey of machine learning approaches for Security attack detection in Industrial IoT network	Varsha Prafull Patil	11:12 am – 11:19 am	Tech Session – V – E&TC
7.	Graphical Password Authentication	Shivaneer Shivling Dhanure	11:20 am – 11:27 am	Tech Session – V – E&TC
8.	Sign Language Detection Using Deep Learning Technique	Piyush Manoj Bhandarge	11:28 am – 11:35 am	Tech Session – V – E&TC
9.	Track vision: Railway Track Inspection System using Image processing	Kavya V R	11:36 pm – 11:43 pm	Tech Session – V – E&TC
10.	Energy Analysis Of The Power Market	Rishyak Patel	11:44 am – 11:51 am	Tech Session – V – E&TC

LUNCH BREAK – (01:30PM – 02:00 PM)

Main Hall
Technical Session – I – CSE (02:00 PM – 05:00 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Capsicum Defect and Non-Defect Identification Using Deep Learning	Sarthak Bhatnagar	02:00 pm – 02:08 pm	Tech Session – I -CSE
2.	High Efficiency and Security Enhancement Blockchain-based Fishery Supply Chain Traceability: A Smart Contract-Driven Framework	Dr. Gangadevi Ganesan	02:09 pm – 02:16 pm	Tech Session – I -CSE
3.	Security Access Control System Enhanced with Face Detection Using Handheld Devices for Pandemic Trauma	M P Aravindharaj	02:17 pm – 02:24 pm	Tech Session – I -CSE
4.	Towards Progressive Domain Specific Adaption SAR Image Classification using Transfer Learning	T Archana	02:25 pm – 02:32 pm	Tech Session – I -CSE
5.	SMS SPAM Detection using Machine Learning Framework	Sundaresh	02:33 pm – 02:40 pm	Tech Session – I -CSE
6.	Smart Agriculture Using Convolution Neural Network	Srinavavenkataraghaveendra R	02:41 pm – 02:48 pm	Tech Session – I -CSE
7.	Voice Based Chatbot for College Management System	Sahil verma	02:49 pm – 02:56 pm	Tech Session – I -CSE
8.	Enhancing Attack Cyber Security Using Integrity Assessment and Intrusion Detection	S Deepa	02:57 pm – 03:04 pm	Tech Session – I -CSE
9.	Human Urolithiasis Identification Using Multiple Segmentation in Matlab	S Deepa	03:05 pm – 03:12 pm	Tech Session – I -CSE
10.	Hybrid Deep Dynamicity Guided and Multi-task Network Anomaly Detection	Yaswanth Baddi	03:13 pm – 03:20 pm	Tech Session – I -CSE
11.	Natural Language Query Processing for Text Recognition	Pavansai Ayyagari	03:21 pm – 03:28 pm	Tech Session – I -CSE

VIRTUAL CONFERENCE

12.	Exploratory Data Analysis and Data Mining on Yelp Restaurant Review	Sri Manohar Kumanduri	03:29 pm – 03:36 pm	Tech Session – I -CSE
13.	Improving the Impact of Resources on Patient Engagement for a Biopharmaceutical Company	Harsh Saxena	03:37 pm – 03:44 pm	Tech Session – I -CSE
14.	Deep learning-based approach for image caption generation	Kaushal Pathak	03:45 pm – 03:52 pm	Tech Session – I -CSE
15.	IWEEWS: An Intelligent Waste Extractor for Efficient Waste Segregation by Using Deep Learning Technique	Yash Bobde M	03:53 pm – 04:00 pm	Tech Session – I -CSE
16.	Handwritten Text Recognition using Deep Learning	Sai Govardhana Vuyyuru	04:01 pm – 04:08 pm	Tech Session – I -CSE
17.	Classification Of Microscopic Images of Bacteria Using Convolutional Neural Network	Akhand Singh	04:09 pm – 04:16 pm	Tech Session – I -CSE
18.	Deep Learning Model for Multiclass Skin Cancer Classification	Potti V V S Raghuram	04:17 pm – 04:24 pm	Tech Session – I -CSE
19.	Exploring the Associations between Diabetes Mellitus and Diabetic Retinopathy: Prevention and Management by focus on Machine Learning Technique	Dr. ILAYARAJA VENKATACHALAM	04:25 pm – 04:32 pm	Tech Session – I -CSE

Breakout Room – 1
Technical session – II – ECE & EEE (02:00 PM – 05:00 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Detection of Chronic Kidney Disease Using Deep Learning Presentation Type: Virtual Presentation	N. Gireesh	02:00 pm – 02:08 pm	Tech Session – II - ECE & EEE
2.	Review on Language Identification Methods	Hajara Muhammed Siyad	02:09 pm – 02:16 pm	Tech Session – II - ECE & EEE
3.	Social Media Traffic Analysis Using Machine Learning	P.Purna chandra Reddy	02:17 pm – 02:24 pm	Tech Session – II - ECE & EEE
4.	Design of Multi-functional Camouflage Military Robot	Tholusuri Poojitha	02:25 pm – 02:32 pm	Tech Session – II - ECE & EEE
5.	Multi-descriptor enabled Leaf disease detection using Machine learning	C Venkata Sudakar	02:33 pm – 02:40 pm	Tech Session – II - ECE & EEE
6.	High Gain Inset-Fed Microstrip Array Antenna for Wi-Fi Applications	Gazanfar Gaffar	02:41 pm – 02:48 pm	Tech Session – II - ECE & EEE
7.	Overview on Microstrip Antenna Design for Wi-Fi Applications	Gazanfar Gaffar	02:49 pm – 02:56 pm	Tech Session – II - ECE & EEE
8.	Secured Electronic Voting Using Ethereum Blockchain Technology	Praveena Kakarla	02:57 pm – 03:04 pm	Tech Session – II - ECE & EEE
9.	Event Management System Using Flutter	Balaji M	03:05 pm – 03:12 pm	Tech Session – II - ECE & EEE
10.	Diversity Gain Multiplexing Tradeoff in Large MIMO system for Satellite Communication	Manoranjan Kumar	03:13 pm – 03:20 pm	Tech Session – II - ECE & EEE

VIRTUAL CONFERENCE

11.	Advanced Android Based In Vehicle Infotainment (IVI) Software Testing	Suraj Nikhade	03:21 pm – 03:28 pm	Tech Session – II - ECE & EEE
12.	Design and Implementation of Weight Based Sorting Mechanism Using IoT	Snehal Kalambe	03:29 pm – 03:36 pm	Tech Session – II - ECE & EEE
13.	Towards Most Secure Authentication Protocol in Quantum Dot Cellular Automata Based Cryptographic Standard-A Survey	Suparba Tapna	03:37 pm – 03:44 pm	Tech Session – II - ECE & EEE
14.	Design of Automated Deep Test Model (ADTM) for detection of side-channel attacks using Whale Optimization Algorithm (WAO)	G V Harikiran	03:45 pm – 03:52 pm	Tech Session – II - ECE & EEE
15.	Object Detection using Deep Neural Networks	Vatsal Gupta	03:53 pm – 04:00 pm	Tech Session – II - ECE & EEE
16.	Backhaul-Capacity-Aware Interference Mitigation Framework in 6G Cellular Internet of Things	S Sai vignesh	04:01 pm – 04:08 pm	Tech Session – II - ECE & EEE
17.	Design of Solar PV Based EV Charging Station with Battery Performance Enhancement	Abdul Mukhtadir Mohd Ashhar	04:09 pm – 04:16 pm	Tech Session – II - ECE & EEE
18.	Optimization of Cold Storage using IOT, Image Processing and Solar Panel - A Systematic Review	Sanjiwani Rajesh Nagarale	04:17 pm – 04:24 pm	Tech Session – II - ECE & EEE
19.	Improvement in incremental reliability of existing 4 bus test system: Transmission expansion approach	Lakshay Verma	04:25 pm – 04:32 pm	Tech Session – II - ECE & EEE
20.	A Novel Strategy to use Regenerative Power of Hybrid Electric Vehicle with Regenerative Braking System using Fuzzy Logic Controller	Chandrakant Yadav	04:33 pm – 04:40 pm	Tech Session – II - ECE & EEE
21.	Sensor less Induction Motor Starting Using MMCI-DSCC Technology	Gurupreet Singh	04:41 pm – 04:48 pm	Tech Session – II - ECE & EEE
22.	Automatic Voltage Regulator System with a Fractional Order PID Controller Designed Optimally Using a Gradient-Based Optimisation Algorithm	Umesh Chandra Patel	04:49 pm – 04:56 pm	Tech Session – II - ECE & EEE
23.	Direct Synthesis Based Tuning of PID Controller Design for Speed Control DC Motor	Arun Yadav	04:57 pm – 05:04 pm	Tech Session – II - ECE & EEE

Time zone in India (GMT+5:30)

24.	Design of ANFIS based MPPT for grid connected PV System	Anurag pal	05:05 pm – 05:12 pm	Tech Session – II - ECE & EEE
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Breakout Room – 2

Technical session – III – CIVIL (02:00 PM – 05:00 PM)

S. NO	PAPER TITLE	AUTHOR NAME	ALOTTED TIME	SESSION NAME
1.	Performance Analysis of human resources employed in construction project.	Rajeshree Sharad Mene	02:00 pm – 02:08 pm	Tech Session – III - CIVIL
2.	Improvement Of Concrete by Using Fibers and Plastic for Thin and Ultrathin White Topping Pavement	Dhanashri Satish Mane	02:09 pm – 02:16 pm	Tech Session – III - CIVIL
3.	Impact assessment on Soil due to Bhalswa Landfill	Chirag	02:17 pm – 02:24 pm	Tech Session – III - CIVIL
4.	Impact of the Composite of Vetiver Grass and Rice Husk Ash on Slope Stability	Shivam Panchal	02:25 pm – 02:32 pm	Tech Session – III - CIVIL
5.	Impact Assessment of Groundwater from Bhalswa Landfill	Farhan Ali Mansoori	02:33 pm – 02:40 pm	Tech Session – III - CIVIL
6.	Study of Slope Stability using Geosynthetics	Shubham Singhal	02:41 pm – 02:48 pm	Tech Session – III - CIVIL
7.	Compressive Strength of Different Grades of SCC Mix Using Portland Slag Cement (70%), GGBS (30%) and Replacing 20% Fine Aggregate with Copper Slag	Chamarthy Krishnama Raju	02:49 pm – 02:56 pm	Tech Session – III - CIVIL
8.	Earthquake-Induced Landslide Hazard Assessment of Uttarkashi district, using multiple criteria decision making (MCDM) methods.	Ashi Dwivedi	02:57 pm – 03:04 pm	Tech Session – III - CIVIL
9.	Decolourisation Of Dye Wastewater by Advanced Oxidation Process in Combination With Nanomaterials - A Review	L Partha Praveen	03:05 pm – 03:12 pm	Tech Session – III - CIVIL

VIRTUAL CONFERENCE

10.	The Study of Internet of Things (IoT) for Smart Cities	Tariqul Islam Sani	03:13 pm – 03:20 pm	Tech Session – III - CIVIL
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END OF TECHNICAL SESSIONS!!

VALEDICTORY FUNCTION (05:00 PM – 05:30 PM)

THANK YOU ALL!!

ICRAET