

First International Conference on
**Advances in Electrical, Computing, Communications and Sustainable
Technologies (ICAECT 2021)**

19-20, February 2021 | Bhilai, India | www.icaect.com

Program Schedule

Date	Time	Event
18.02.2021	10.00 am to 4.00 pm	Pre-Conference Workshop
19.02.2021	09.00 am to 10.30 am	Technical Sessions(Forenoon)
19.02.2021	10.30 am	Keynote 1 Dr. G. V. V. Sharma , Indian Institute of Technology, Hyderabad
19.02.2021	11.15 am	Keynote 2 Dr. G. Saravana Kumar , Indian Institute of Technology Madras, Chennai, India
19.02.2021	12.00 noon	Inaugural Function(Physical+Online Mode)
19.02.2021	09.00 am to 10.30 am (FN) & 1.30 pm to 04.00 pm(AN)	Session: ICAECT 2021(Physical Mode)
		Session : EE01(online)
		Session : EE02(online)
		Session : EE03(online)
		Session : EC07(online)
		Session : EC08(online)
		Session : CS12(online)
		Session : CS13(online)
		Session : CS14(online)
20.02.2021	10.00 am to 11.30 am(FN) & 1.30 pm to 04.00 pm(AN)	Session : EE04(online)
		Session : EE05(online)
		Session : EE06(online)
		Session : EC09(online)
		Session : EC10(online)
		Session : EC11(online)
		Session : CS15(online)
		Session : CS16(online)
Session : CS17(online)		
20.02.2021	11.30 am	Keynote 3 Dr. Illes Zoltan , Eotvos Lorand University, Hungary
20.02.2021	12.15 pm	Keynote 4 Dr. Bakonyi Viktoria , Eotvos Lorand University, Hungary
20.02.2021	01.00 pm	Keynote 5 Dr. Korhan Cengiz , Tracy University, Turkey

CS-Computer Science & Engineering;

EE-Electrical Engineering

EC-Electronics & Communication Engineering

Note:

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google Meet.
3. Participants can join their respective sessions by clicking the meet link given
4. Mode of presentation should be powerpoint presentation(ppt or pptx)
5. Duration of presentation: 10 minutes (presentation) + 5 minutes(Queries)
6. Participant using Google Meet will be admitted at any time prior to their scheduled time.
7. Participants are requested to follow the scheduled time; especially regarding the time for your talk.
8. Participants are requested to contact the respective session In-Charges for presentation related queries.
9. If any problem connecting to session, please text to the respective session In-Charges (Or) ICAECT Whatsapp group during presentation date(s).

Session: ICAECT 2021

VENUE: Seminar Hall-1, Shri Shankaracharya Technical Campus,
Chhattisgarh, INDIA

Date: 19.02.2021

Time: 09.00 am to 04.10 pm

Session In-charge: **Mrs. Reshmita Shrama**

Session in-charge Contact Number: +91 7987605542

Time	Paper ID	Paper Title
09.00 am	CHEE 1080	Fuzzy Logic Control for Energy Management in Distributed Generation Paradigm
09.20 am	CHEE 1091	Electrical field Analysis of different structure conductors using FEM
09.40 am	CHEE 2011	Energy Management Strategy in Fuel Cell Hybrid Vehicle with CDM Controllers
10.00 am	CHEC 1046	Speed Control of DC Motor with Kalman Filter and Fractional order PID Controller
01.30 pm	CHEC 1056	An Efficient Way to Recognize Faces Using Mean Embeddings
02.10 pm	CHCS 3038	Advanced Analysis of Cardiac Image Processing Using Hybrid Approach
02.30 pm	CHEE 1004	Mathematical modeling of non-linearity due to charge injection effect in CMOS Imagers
02.50 pm	CHEE 1034	Structural, Electronic and Optical properties of (P3HT) _n in context of Organic Solar Cells: DFT based approach
03.10 pm	CHEE 2078	Comparative analysis of FOPI controller using Eagle Perching Optimization for fuel cell connected distributed generation system
03.30 pm	CHEC 1012	Quality Improvement of Richardson Lucy Based De-blurred Images using Krill Herd Optimization
03.50 pm	CHEC 1091	Gas Sensor device based on Pt-doped SnS ₂ Monolayer: Ab-initio Modelling

Session: EE01(Power System)

Date: 19.02.2021

Time: 09.00 am to 04.30 pm

Session In-charge: **Mr. B Chiranjeev Rao**Session Link: <https://meet.google.com/nka-bpjw-fqw>

Session in-charge Contact Number: +91 9827926284

Time	Paper ID	Paper Title
09.00 am	CHEE 1026	A New Harmonic Analysis Reporting Technique to Improve Power Quality in Distribution System Network Applications
09.20 am	CHEE 1027	Power Quality Improvement using Smart Harmonic Analysis Indicator Technique for IEEE 15-Bus Radial Distribution System
09.40 am	CHEE 1051	A Novel Approach to Reactive Power Compensation using Transient Free TBSC Compensator
10.00 am	CHEE 1057	Artificial Neural Network based Fault Detection System for 11 kV Transmission Line
01.30 pm	CHEE 1064	Evaluation of substation demand by combined operation of CVR with PV inverter in EPRI test circuit
01.50 pm	CHEE 1067	Design & Analysis of an Unipolar DC-Microgrid system under Variable loading Condition
02.10 pm	CHEE 1070	Impact of Allocation of PV with Alongside Smart Inverter on Voltage Profile in Radial Distribution Network
02.30 pm	CHEE 1072	Performance Improvement of 3 Phase Inverter Operated as Virtual Synchronous Generator with Closed Loop Active Power Control
02.50 pm	CHEE 1074	Benign Effects of Battery Energy Storage System for Efficient Microgrid Operation along with its Management: A Review
03.10 pm	CHEE 1077	Algorithm for Fault Localization of Distribution Feeders by Weighted Probability Method
03.30 pm	CHEE 1084	Protection of Islanded PMSG based Wind Turbine Feeding through a Bipolar DC Link
03.50 pm	CHEE 1086	Bidirectional DC-DC Converter Fed BLDC Motor In Electric Vehicle
04.10 pm	CHEE 2006	Performance Analysis of Automatic Generation Control of Multi-Area Restructured Power System

Session: EE02(Mechatronics, Mechanical, Control & Instrumentation Engineering)

Date: 19.02.2021

Time: 09.00 am to 03.50 pm

Session In-charge: **Mr.Rahul Baghel**Session Link: <https://meet.google.com/apa-eiog-juy>

Session in-charge Contact Number: +91 9826753662

Time	Paper ID	Paper Title
09.00 am	CHEE 1019	Experimental investigation of an attachment to self-propel a manual conventional wheelchair
09.20 am	CHEE 1050	Transformer winding differentiated using Frequency Response Analysis
09.40 am	CHEE 1075	Lateral and Longitudinal control of Self-driving Car with Enhanced Trajectory tracking using Direct Yaw Stability Control
10.00 am	CHEE 1083	Aerodynamic design and flow analysis of Two tapping spherical flow analyser and mirror edge flow analyser for subsonic wind tunnel calibration
01.30 pm	CHEE 1089	Transient behavior analysis for orifice flow meter performance for variation in sensor dimension
01.50 pm	CHEE 1097	Automatic Voltage Regulator System with State-Feedback and PID based Sliding Mode Control Design
02.10 pm	CHEE 2002	Adaptive Perturbation Estimator based Dynamic Control using PID Sliding Manifold for a Quadcopter UAV
02.30 pm	CHEE 2014	Low insertion loss compact quadrature coupler for conformal space applications
02.50 pm	CHEE 2026	Criterion of the Relative Length of the Disperse Magnet when Determining its Potential Magnetic Properties
03.10 pm	CHEE 2057	RTDA Controller Design of Conical Tank System
03.30 pm	CHEE 2070	Controller Design for Autonomous Vehicle

Session: EE03(Optimization & Control)

Date: 19.02.2021

Time: 09.00 am to 04.10 pm

Session In-charge: **Mrs.Tanu Rizvi**Session Link: <https://meet.google.com/rda-bmdw-yvb>

Session in-charge Contact Number: +91 8770992361

Time	Paper ID	Paper Title
09.00 am	CHEE 1022	Optimal placement of Distributed Generation using Genetic Algorithm
09.20 am	CHEE 1023	Reconfiguration of Distribution Network using Particle Swarm Optimization
09.40 am	CHEE 1088	Multi-objective Optimal PMU Placement using Binary Dragonfly Algorithm
10.00 am	CHEE 2017	Algorithm to Calculate the Partial Discharge Response in a Transformer Winding
01.30 pm	CHEE 2023	Evaluation of Fuzzy-Logic based Position Control Strategies for an Electrohydraulic Actuation System
01.50 pm	CHEE 2028	Application of Oppositional Runner Root Algorithm (ORRA) for Economic Optimization OF Micro Grid
02.10 pm	CHEE 2033	Optimal PMU Placement By Improved Cuckoo & PSO Method
02.30 pm	CHEE 2040	Forecasting COVID-19 via Registration Slips of Patients using ResNet-101 and Performance Analysis and Comparison of Prediction for COVID-19 using Faster R-CNN, Mask R-CNN, and ResNet-50.
02.50 pm	CHEE 2042	Artificial Neural Network for the Prediction of Particulate Matter (PM _{2.5})
03.10 pm	CHEE 2050	Performance improvement of Doubly Fed Induction Generator using Grey Wolf Optimization
03.30 pm	CHEE 2071	GNSS PATCH ANTENNA DESIGN PARAMETERS OPTIMIZATION USING FEKO, DESIGN OF EXPERIMENT & P-TRANSFORM TECHNIQUE
03.50 pm	CHEE 2073	Solving Optimal Reactive Power Dispatch problem with the consideration of load uncertainty using Modified JAYA Algorithm

Session: EE04(Power System)

Date: 20.02.2021

Time: 10.00 am to 04.10 pm

Session In-charge: **Mr. B Chiranjeev Rao**Session Link: <https://meet.google.com/nka-bpjw-fqw>

Session in-charge Contact Number: +91 9827926284

Time	Paper ID	Paper Title
10.00 am	CHEE 2007	Optimal Sliding Mode Converter with Energy Management System for Hybrid Electric Vehicle
10.20 am	CHEE 2008	Genetic Algorithm Based Data-Driven ILQR Control Scheme for Three-Phase Microgrid System
10.40 am	CHEE 2012	Partial Processing Converters for Charging Electric Vehicles
11.00 am	CHEE 2015	Correlation Coefficients Based Fault Classification Technique for TCSC Lines
01.30 pm	CHEE 2016	Analysis of Small Signal Stability in DFIG Integrated Power System
01.50 pm	CHEE 2036	Stress Evaluation of Non-Isolated Converters Modified into Processing Partial Power
02.10 pm	CHEE 2049	Sensorless Control Method of 3-Phase BLDC Motor Through Back-EMF Observer
02.30 pm	CHEE 2051	Application of ER-WCA to Determine Conductor Size for Performance Improvement in Distribution System
02.50 pm	CHEE 2052	Mitigation of Voltage Fluctuation in Distribution System using Sen Transformer with Variable Loading Conditions.
03.10 pm	CHEE 2059	A Case Study of Voltage Stability Challenges on a Unique Utility-Scale System in a Developing African Country
03.30 pm	CHEE 2064	Analysis of Solar Integrated Multilevel Inverter for Smart Grid Power Filters
03.50 pm	CHEE 2082	A REVIEW ON TRANSIENT ANALYSIS IN GAS INSULATED SUBSTATIONS

Session: EE05(Renewable Energy System)

Date: 20.02.2021

Time: 10.00 am to 04.10 pm

Session In-charge: **Mrs.Tanu Rizvi**Session Link: <https://meet.google.com/rda-bmdw-yvb>

Session in-charge Contact Number: +91 8770992361

Time	Paper ID	Paper Title
10.00 am	CHEE 1036	RAW WIND DATA PRE-PROCESSING USING DATAWARE HOUSING BASED ETL APPROACH FOR ANALYSING THE WIND CHARACTERISTICS
10.20 am	CHEE 1038	A Discrete Wavelet Transform and Rule Based Decision Tree Based Technique for Identification of Fault in Utility Grid Network with Wind Energy
10.40 am	CHEE 1078	Analysis on Photovoltaic Panel Temperature under the Influence of Solar Radiation and Ambient Temperature
11.00 am	CHEE 1093	Design and development of Solar Charge Controller by implementing two different MPPT algorithm
01.30 pm	CHEE 2009	An Accurate Estimation of the Commercial Wind Energy Potential of Middle East Region
01.50 pm	CHEE 2020	Renewable Energy Curtailment Reduction for California
02.10 pm	CHEE 2021	Effective Dielectric Function of Plasmonic Solar Cells
02.30 pm	CHEE 2025	Future prospects and challenges of renewable energy: A case study of Nepal
02.50 pm	CHEE 2027	Stability Analysis with Integration of Wind Farm and Advanced Smart Efficient Battery Charging Station
03.10 pm	CHEE 2031	Integration of Hybrid Cascaded Multilevel Inverter Configuration in a PV based Applications with Multicarrier PWM Technology
03.30 pm	CHEE 2045	Harmonics Mitigation Techniques in Grid Integrated PV based Microgrid: A Comparative Analysis
03.50 pm	CHEE 2072	Techno-Socio-Economic improvements by PV based DG & BESS integration in radial distribution networks using CSA

Session: EE06(Basic Science & Engineering)

Date: 20.02.2021

Time: 10.00 am to 04.10 pm

Session In-charge: **Mr.Rahul Baghel**Session Link: <https://meet.google.com/apa-eiog-juy>

Session in-charge Contact Number: +91 9826753662

Time	Paper ID	Paper Title
10.00 am	CHEE 1055	Test set partitioning in multilayered SoCs for thermal aware test scheduling
10.20 am	CHEE 1071	Smart Uninterrupted Power Supply for Automotive Applications
10.40 am	CHEE 1085	Structural Characterization and Rietveld refinement of Li ₂ Cu[Fe(CN) ₆] nanocomposites prepared via coprecipitation method
11.00 am	CHEE 2005	Design of an analog Multi-Neuronal Spike-sequence Detector (MNSD) based on a 180nm CMOS Leaky Integrate & Fire with Latency Neuron
01.30 pm	CHEE 2053	Structural Characterization of Mn ₂ [Fe (CN) ₆].xH ₂ O Nanocrystalites Synthesized By the Coprecipitation Method
01.50 pm	CHEE 2054	Novel bioactive benzoxadiazole derivatives on Computational Studies
02.10 pm	CHEE 2055	Substituent effect on the Chalcones and their DFT studies
02.30 pm	CHEE 2058	A Facial Video based Framework to Estimate Physiological Parameters using Remote Photoplethysmography
02.50 pm	CHEE 2075	Approximation using Lagrange and Hermite form of polynomial interpolation: an experimental study
03.10 pm	CHEE 2080	Design and Fabrication of BioMEMS device for detection of heavy metal ions present in Potable water
03.30 pm	CHEE 2074	Optimal Sizing of Microinverter based PV System for EWS Houses
03.50 pm	CHEE 2085	PSO based Optimal Operation of a Cascaded Grid Connected three phase Solar PV Inverter

Session: EC07(Signal & Image Processing)

Date: 19.02.2021

Time: 09.00 am to 03.50 pm

Session In-charge: **Mr. Praadeep Singh Yadav**Session Link: <https://meet.google.com/rok-xynr-kzz>

Session in-charge Contact Number: +91 9893094044

Time	Paper ID	Paper Title
09.00 am	CHEC 1033	Proficient Technique for Satellite Image Enhancement Using Hybrid Transformation with FPGA
09.20 am	CHEC 1040	Satellite Image Classification Method Using ELBP and SVM Classifier
09.40 am	CHEC 1049	Image Denoising using Deep Auto-Encoder Network for Production Monitoring in Real-Time
10.00 am	CHEC 1079	Design of Reversible JPEG Image Compression Scheme for Data Hiding
01.30 pm	CHEC 1087	Analysis of ECG Signal based on Feature Fusion and Two-Fold Classification Approach
01.50 pm	CHEC 2002	Parametrically Optimized Pulse Coupled Neural Network for Analysis of Multimodal Medical Images
02.10 pm	CHEC 2016	Grey Wolf Optimization with Deep Recurrent Neural Network for Epileptic Seizure detection in EEG signals
02.30 pm	CHEC 2033	ECG Signal Noises Versus Filters for Signal Quality
02.50 pm	CHEC 2043	Improved Classification of Glaucoma in Retinal Fundus Images using 2D-DWT
03.10 pm	CHEC 2065	Survey on Intervention & Diagnosis of Dyslexia
03.30 pm	CHEC 1067	Fast Architecture for Low Level Vision and Image Enhancement for Reconfigurable Platform

Session: EC08(Antenna & Circuit Design)

Date: 19.02.2021

Time: 09.00 am to 03.30 pm

Session In-charge: **Mr. Vikas Sahu**Session Link: <https://meet.google.com/hjh-fsed-oaz>

Session in-charge Contact Number: +91 7000381742

Time	Paper ID	Paper Title
09.00 am	CHEC 1013	Design and Analysis of X Band Pyramidal Horn Antenna using FEKO
09.20 am	CHEC 1025	H-Matrix Based Error Correction Codes for Memory Applications
09.40 am	CHEC 1028	Posit Number Division using Newton Raphson method
10.00 am	CHEC 1039	Real Time Emotion Detection Using Deep Learning
01.30 pm	CHEC 1047	Development and Characterization of Nano Material Membrane Device for Enhanced Transmittance
01.50 pm	CHEC 1057	Study and Analysis of GEIF and TIF Subthreshold Voltage Bulk-driven OTAs
02.10 pm	CHEC 1059	An Optoisolator Based Gate Driver Design for Reliable Operation in High Power Motor Control Applications
02.30 pm	CHEC 1073	Fuzzy PI and Fuzzy PID Controller Based Hopper Tank Level Control System
02.50 pm	CHEC 1075	Investigation of In _{0.53} Ga _{0.47} As-Based Buffered Step Doping (BSD) LDMOS
03.10 pm	CHEC 1082	Simulation Scenario Analysis of Operational Day to Day Storage System of Biomass Supply Chain for a Power Plant Case Study Based on Logistic Cost and Transportation Emissions

Session: EC09(Antenna & Circuit Design)

Date: 20.02.2021

Time: 10.00 am to 03.50 pm

Session In-charge: **Mr. Praadeep Singh Yadav**Session Link: <https://meet.google.com/rok-xynr-kzz>

Session in-charge Contact Number: +91 9893094044

Time	Paper ID	Paper Title
10.00 am	CHEC 1088	Wearable E-shaped Textile Antenna for Biomedical Telemetry
10.20 am	CHEC 1090	Implementation of digital phase locked loop using CMOS technology
10.40 am	CHEC 1093	Generative Adversarial Networks (GANs) for spatial upward fluxes radiation estimation
11.00 am	CHEC 1098	Bio-Inspired Korean Striped Maple Leaf (<i>Acer Tegmentosum</i>) Microstrip Monopole Design Targeting UWB Applications
01.30 pm	CHEC 2019	An Investigation of Single Event Upset Hardened SRAM Bit Cells
01.50 pm	CHEC 2025	RF and Electromechanical characteristics of serpentine cantilever structure based MEMS switch
02.10 pm	CHEC 2027	Performance Comparison of FFT based Frequency Estimation using different Interpolation Techniques for ELINT Systems
02.30 pm	CHEC 2032	An efficient approach to design of EEG pre-amplifier using conventional transconductance amplifiers
02.50 pm	CHEC 2058	Assertion & Functional Coverage Driven Verification of AMBA Advance Peripheral Bus Protocol Using System Verilog
03.10 pm	CHEC 2062	Electrostatic Potential Distribution by Numerical Method Alternating Direction Implicit Method
03.30 pm	CHEE 1061	Automated Plant Nutrient Monitoring System for Better Plant Growth

Session: EC10 (Communication Engineering)

Date: 19.02.2021

Time: 09.00 am to 03.30 pm

Session In-charge: **Mr. Vikas Sahu**Session Link: <https://meet.google.com/hjh-fsed-oaz>

Session in-charge Contact Number: +91 7000381742

Time	Paper ID	Paper Title
09.00 am	CHEC 1006	Wide Input Range Differential RF Energy Harvesting System for Battery-Less RFID Applications
09.20 am	CHEC 1008	Microstrip Radial Stub Based 4W GaN MMIC Power Amplifier for X-band Radar Applications
09.40 am	CHEC 1030	DESIGN AND IMPLEMENTATION OF HIGH SPEED HYBRID CARRY SELECT ADDER
10.00 am	CHEC 1048	Performance of Channel Estimating Approach in Mobile OFDM System
01.30 pm	CHEC 1053	Comparative Performance analysis of XOR-XNOR cell used in Hybrid Logic based Full adder
01.50 pm	CHEC 1058	Design and Development of Resonant Gate Drive Circuit for High Power Drive Applications
02.10 pm	CHEC 1063	Design and analysis of Low Power 10T FinFET SRAM cell
02.30 pm	CHEC 1066	Design of Solar Blind Photodetectors for Communication with Blue Signal ($\lambda=441\text{nm}$) in Space. Part III
02.50 pm	CHEC 2012	Energy Efficient Transmission in Cellular Network using Time Reversal for Green Communication
03.10 pm	CHEC 2015	Performance Analysis of Novel Design and Simulation of a Microstrip Patch Antenna for Ku-Band Satellite Communications

Session: EC11 (Wireless & Communication Networks)

Date: 20.02.2021

Time: 10.00 am to 03.50 pm

Session In-charge: **Mrs. Swati Verma**Session Link: <https://meet.google.com/itr-qsmu-xbj>

Session in-charge Contact Number: +91 9981009879

Time	Paper ID	Paper Title
10.00 am	CHEC 1014	A Compact Monopole Fractal Antenna for Bluetooth/WLAN/WiMAX/ 5G Applications
10.20 am	CHEC 1085	EVALUATION AND ANALYSIS OF PASSIVE OPTICAL NETWORK WITH OPTIMUM PARAMETER'S
10.40 am	CHEC 1086	Improved Energy Efficient Routing Protocol in Wireless Sensor Network
11.00 am	CHEC 1089	Design of Directional Two L shaped Microstrip Patch Antenna for WSN Applications Using Sea Lion Optimization Algorithm
01.30 pm	CHEC 1095	Adaptive RF Energy Harvesting Relaying Protocol for Bidirectional Multi-Relay Multi-antenna Cooperative Network over Nakagami Fading
01.50 pm	CHEC 1096	An Efficient and Reliable Optimized Routing Protocol for IoT Network in Agriculture
02.10 pm	CHEC 2035	Design and Analysis of a 5G Wide Band Antenna for Future Mobile Applications
02.30 pm	CHEC 2044	Improved Parameters Estimation of Radar Pulses using Autocorrelation
02.50 pm	CHEC 2045	Design of Rectangular Dielectric Resonator Antenna by Utilizing Dielectrics having Low Loss and Small Loss for Bandwidth Enhancement
03.10 pm	CHEC 2061	Composite trust for secure routing strategy through energy based clustering in WSN
03.30 pm	CHEC 2057	Compression in communication security using Huffman Encoding and Cipher Block Chaining

Session: CS12 (Information System_Data Processing)

Date: 19.02.2021

Time: 09.00 am to 04.10 pm

Session In-charge: **Mrs. Swati Verma**Session Link: <https://meet.google.com/itr-qsmu-xbj>

Session in-charge Contact Number: +91 9981009879

Time	Paper ID	Paper Title
09.00 am	CHCS 1036	Real-time Education in Emergency Situation
09.20 am	CHCS 1039	Hyperspectral Band Selection using Mutual Information
09.40 am	CHCS 1046	Towards Prediction of Academic School of Students for Real-Time
10.00 am	CHCS 1049	User Profiling based on Tweeter Data using WordNet and News Paper Archive
01.30 pm	CHCS 1050	Is AI and Digitization New Avatar for Air Freighters and Forwarders
01.50 pm	CHCS 1051	Detection and Automatic Correction of Bengali Misspelled Words using N-Gram Model
02.10 pm	CHCS 1054	Synthesizing Yoga and Digital Technology for COVID 2019 Prophylaxis
02.30 pm	CHCS 1058	Face Mask Detection for Covid_19 Pandemic using PyTorch in Deep Learning
02.50 pm	CHCS 1059	Searching a Raw Video Database using Natural Language Queries
03.10 pm	CHCS 1065	Data Analysis of Betelnut's Selling Dataset Using Tableau
03.30 pm	CHCS 1075	Evaluating the effectiveness of community detection algorithms for influence maximization in social networks
03.50 pm	CHCS 3055	Dominant Color Cluster and Uniform Local Binary Pattern Based Image Retrieval

Session: CS13 (Information Systems_Wireless Networks & Machine Learning)

Date: 19.02.2021

Time: 09.00 am to 04.10 pm

Session In-charge: **Mr.Shashank Kumar**Session Link: <http://meet.google.com/bei-ovun-wft>

Session in-charge Contact Number: +91 8770541699

Time	Paper ID	Paper Title
09.00 am	CHCS 1077	Request Integration and Data Prediction Based Energy Efficient Cloud Integrated Wireless Sensor Network
09.20 am	CHCS 1081	Analysis and Prognosis of COVID-19 Pandemic in India- A Machine Learning Approach
09.40 am	CHCS 1082	Proposed eLearning Framework using Open Corpus Web Resources
10.00 am	CHCS 1085	A Comparative Study of Different Machine Learning Algorithms on Bitcoin Value Prediction
01.30 pm	CHCS 1090	Novel Sprinter Assistive Smart Agent for Continuous Performance Improvement
01.50 pm	CHCS 1097	LegalDB: Long DistilBERT for Legal Document Classification
02.10 pm	CHCS 2013	Implementation of Selenium Automation & Report Generation Using Selenium Web Driver & ATF
02.30 pm	CHCS 2015	Ship detection and segmentation using Unet
02.50 pm	CHCS 2018	A Systematic Literature Survey on Secure, Reliable and Energy Efficient Routing in WSN
03.10 pm	CHCS 2019	Students Performance Tracking Using BPM Classification Modelling
03.30 pm	CHCS 2021	Development and Implementation of an Information System to Evaluate Performance of Individual Team Member in Larger Teams
03.50 pm	CHCS 3056	Image Encryption Using 2D Logistic Adjusted Sine Chaotic Map with Shuffled Index Matrix

Session: CS14 (Information Systems_Machine Learning & Algorithms)

Date: 19.02.2021

Time: 09.00 am to 03.50 pm

Session In-charge: **Mr.Vishnu Kumar Sahu**Session Link: <https://meet.google.com/wnd-swxi-ixq>

Session in-charge Contact Number: +91 8770247027

Time	Paper ID	Paper Title
09.00 am	CHCS 2023	Deployment of Machine Learning and Deep Learning Algorithms in Detecting Cyberbullying in Bangla and Romanized Bangla text: A Comparative Study
09.20 am	CHCS 2025	An Empirical Evaluation of Word Embedding Models for Subjectivity Analysis Tasks
09.40 am	CHCS 2039	Performance-Based Novel Method to Perform Comparison among TOPSIS, MOORA and COPRAS
10.00 am	CHCS 2043	Empirical Evaluation of various ML algorithms for classification of online Restaurant reviews
01.30 pm	CHCS 2047	Construction of S-box Based on Parametric Mixing of Chaotic Maps
01.50 pm	CHCS 2049	Disaster Recognition System for Risk Management in Socio-Technical Systems
02.10 pm	CHCS 2054	Conceptual Glance of Genetic Algorithms in the Detection of Heart Diseases
02.30 pm	CHCS 2055	Decentralized Voting Platform based on Ethereum Blockchain
02.50 pm	CHCS 2057	Data hiding in Image steganography using Range Technique for secure communication
03.10 pm	CHCS 3022	Highly Accurate Real time human Counter with Minimum Computation Cost
03.30 pm	CHCS 2065	A Comparative Performance Analysis of Stellar SDN Controllers using Emulators

Session: CS15 (Information System_Software & Networking)

Date: 20.02.2021

Time: 10.00 am to 03.30 pm

Session In-charge: **Mr.Shashank Kumar**Session Link: <http://meet.google.com/bei-ovun-wft>

Session in-charge Contact Number: +91 8770541699

Time	Paper ID	Paper Title
10.00 am	CHCS 2074	Wearable Sensors based Smart Secured Remote Health Monitoring System
10.20 am	CHCS 2077	Network Intrusion Detection Using Hybrid Machine Learning Model
10.40 am	CHCS 2078	High Speed Data Transactions For Memory Controller Based on AXI4 Interface Protocol SoC
11.00 am	CHCS 2079	A Durable Biometric authentication scheme via Block chain
01.30 pm	CHCS 2082	Advanced Web Pattern Categorization and Web Content Personalization Techniques
01.50 pm	CHCS 2092	Detection of hotspots in Fluorescence Imaging of yeast cell model used in Neuro-degenerative research
02.10 pm	CHCS 3004	Identity-Based Integrity Verification (IBIV) Protocol for Cloud Data Storage
02.30 pm	CHCS 3006	Improving Accuracy of Air Pollution Prediction by Two Step Outlier Detection
02.50 pm	CHCS 3016	Performance Analysis of Ultrasound Ovarian Tumour Segmentation Using GrabCut and FL-SNNM
03.10 pm	CHCS 3018	Performance Comparison of Software-Defined Network Controllers

Session: CS16 (Soft Computing)

Date: 20.02.2021

Time: 10.30 am to 03.30 pm

Session In-charge: **Mr.Vishnu Kumar Sahu**Session Link: <https://meet.google.com/wnd-swxi-ixq>

Session in-charge Contact Number: +91 8770247027

Time	Paper ID	Paper Title
10.00 am	CHCS 1053	Hybrid CNN-LSTM Model with GloVe Word Vector for Sentiment Analysis on Football Specific Tweets
10.20 am	CHCS 1081a	Resource Allocation Techniques in Edge/Fog Computing
10.40 am	CHCS 1095	A Complexion based Outfit color recommender using Neural Networks
11.00 am	CHCS 2010	Effective software testing with the help of Genetic Algorithm
01.30 pm	CHCS 2017	Test Automation Framework using Soft Computing Techniques
01.50 pm	CHCS 2034	Deep Belief Convolutional Neural Network for Diagnosis of Pneumonia a Response to Coronavirus
02.10 pm	CHCS 2068	K-means clustering optimized fuzzy logic control algorithm for arrhythmia classification
02.30 pm	CHCS 2070	Artificial Intelligence Based Approach to Validate the Authenticity of News
02.50 pm	CHCS 2095	Real-Time Parking Lot Occupancy Detection System with VGG16 Deep Neural Network using Decentralized Processing for Public, Private Parking Facilities
03.10 pm	CHCS 3007	Application of Neural Networks for Detection of Sexual Harassment in Workspace
03.30 pm	CHCS 3049	KNN-ROBKP: An Approach for Improvement of Spam Detection over Documents

Session: CS17 (Information Systems_Information management)

Date: 20.02.2021

Time: 10.00 am to 03.30 pm

Session In-charge: **Mrs. Reshmita Shrama**Session Link: <http://meet.google.com/ocj-mrir-jfq>

Session in-charge Contact Number: +91 7987605542

Time	Paper ID	Paper Title
10.00 am	CHCS 3021	Securing Medical Images using Encryption and LSB Steganography
10.20 am	CHCS 2058	ANALYSIS OF IMAGE STEGANOGRAPHY TECHNIQUES FOR DIFFERENT IMAGE FORMAT
10.40 am	CHCS 3024	Defense Mechanism for the Nodes of 2-D Meshes and n-cubes
11.00 am	CHCS 3027	Effect of Annotation and Loss Function on Epiphyte Identification using Conditional Generative Adversarial Network
01.30 pm	CHCS 3029	Exploring Consumer Behavior Towards Sustainability of Green Cosmetics
01.50 pm	CHCS 3032	A Prognostic Thyroid Disorder analysis based on Thyroid Test Measure with ECG
02.10 pm	CHCS 3034	Vision Based Umpire Detection method for Event Extraction in Cricket Video based on HOG and Color image Segmentation
02.30 pm	CHCS 3039	Consensus Algorithms in Blockchain Based Cryptocurrencies
02.50 pm	CHCS 3044	Maritime Vessel Route Extraction and Automatic Information System (AIS) Spoofing Detection
03.10 pm	CHCS 3052	Cyber Recruitment Analysis Spam Detection over Twitter Dataset Using SVM & ARIMA Model