

Fourth IEEE International Conference on  
**Advances in Electrical, Computing, Communications and  
Sustainable Technologies (ICAECT 2024)**  
11-12, January 2024 | Bhilai, India

**Program Schedule**

Date	Time	Event
10.01.2024	10.30 am to 04.00pm	Pre-Conference Workshop
11.01.2024	10.30 am to 11.00 am	Inaugural Function
11.01.2024	11.00 am	<b>Keynote 1: Assoc. Prof. Dr. A Rahim Ruslinda Binti</b> Director, National Nanotechnology Center Ministry of Science, Technology and Innovation (MOSTI) Malaysia
		<b>Keynote 2: Dr. Yashwant Kashyap</b> Department of Electrical and Electronics Engineering National Institute of Technology Karnataka Surathkal, Karnataka, India
11.01.2024	11.10 am to 04.40pm	Session 01: ICAECT_01(PHYSICAL)
		Session 02: ICAECT_02(PHYSICAL)
		Session 03: CS01(Online)
		Session 04: CS02(online)
		Session 05: CS03(online)
		Session 06: CS04(online)
		Session 07: CS05(online)
		Session 08: EC01(online)
		Session 09: EC01A(online)
		Session10:EE01(online)
12.01.2024	10.00 am	<b>Keynote 3: Dr. Muktha Jagdeesh</b> Department of Computer Science and Engineering Vardhaman College of Engineering (VCEH) Hyderabad, India
12.01.2024	10.45 am to 04.40 pm	Session 11: CS06(online)
		Session 12: CS07(Online)
		Session 13: CS08(Online)
		Session 14: CS09(Online)
		Session 15: CS10(Online)

		Session 16: CS11(Online)
		Session 17: EC02(online)
		Session 18: EC03(online)
		Session 19:EE02(online)

EC - Electronics Engineering;  
EE - Electrical Engineering

CS - Computer Science &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 SHOULD join the session at least 45 minutes 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 chairs 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 01: ICAECT\_01(PHYSICAL)**

Date: 11.01.2024

Time: 11.10 am to 04.40 pm

Venue: Seminar Hall-1, Main Block

Session Coordinator : Ms. Tanu Rizvi

Session chair : Dr. Ajay Verma

Time	Paper ID	Paper Title	Author(s)
11.10 am	24CHCS 3052	AI vs. Human Vision: A Comparative Analysis for Distinguishing AI-Generated and Natural Images	Ruchira Purohit, Yana Sane, Devashree Vaishampayan, Sowmya Vedantam, Mangal Singh
11.30 am	24CHCS 4031	Enhancing Security and Privacy Implications in 5G Network Slicing	Aadith Sukumar, Aniket Singh, Apoorv Gupta, Mangal Singh
11.50 am	24CHCS 4044	An Intelligent Forecasting Classification Model for Traffic Analysis by Using Machine Learning Techniques	Bodla Kishor, Rajesh Tiwari*, Raj Kumar Patra, Latika Pinjekar, Mahesh Singh
12.10 pm	24CHCS 6054	FPGA Architecture for High-Speed TCAM-Based Packet Parsing	Ryan Ebenezer S, Kunaraj Kumarasamy, Dhandapani Vaithyanathan
12.30 pm	24CHEC 2083	A High-Speed Computational Pipeline Single MAC-Based VLSI Architecture for Real-Time Signal and Image Processing	Dhandapani Vaithyanathan, Britto Pari James, Karuthapandian Mariammal
12.50 pm	24CHCS 7013	Real-Time 3D Bounding Box Estimation with RCNN-Resnet101 and Adaptive Projection Matrices	Utsav Kumar, Pratik Parihar, Dhandapani Vaithyanathan, Muniraj Manigandan
02.00 pm	24CHEC 2086	Hetero-Stacked Source Tunnel FET-Driven Biosensing Application with Enhanced Sensitivity	Priyanshu Agrawal, Vandana Devi Wangkheirakpam, Dhandapani Vaithyanathan

02.20 pm	24CHCS 7017	User-Centric Approach to Fortify Cloud Data Security with Hybrid Cryptosystem Methods	Chandra Kumar Sahu, Sushree Sasmita Dash, Anupa Sinha, Rahul Baghel, Rajendra Kumar Sahu and Ashis Kumar Ratha
02.40 pm	24CHEC 1063	Sleep Apnea Detection: From Signal Processing to Deep Learning	Dheeraj Meena, Vaibhav Kumar, Namrata Kumar Makhija, Joel Joseph, Mangal Singh
03.00 pm	24CHEE 1084	A Comparative Analysis of FSPV-Grid Integrated and GMSPV-Grid Integrated System for Industrial Subsections	Tanu Rizvi, S. P. Dubey, Nagendra Tripathi, S. P. Makhija, Devanand Bhonsle, Shimpy Ralhan
03.20 pm	24CHEE 1086	An Advanced Complementary Scheme of FSPV-Grid Integrated and GMSPV-Grid Integrated System for Subsections of Steel Industry	Tanu Rizvi, Ruhi Uzma Sheikh, Anu G Pillai, Devanand Bhonsle, Varsha Sahu, Seema Mishra
03.40 pm	24CHEC 1056	Wavelet Based Random Noise Removal from Color Images Using Python	Devanand Bhonsle, K K Saxena, Ruhi Uzma Sheikh, Anil Kumar Sahu, Pushpendra Singh, Tanu Rizvi
04.00 pm	24CHCS 5076	White Gaussian Noise Removal from Computed Tomography Images Using Python	Devanand Bhonsle, Anu G Pillai, Tanu Rizvi, Ravi Mishra, Anil Kumar Sahu, Rama Shukla
04.20 pm	24CHCS 7042	Efficient Resource Allocation in Cloud Computing using Adaptive Harris Hawks Approach	F Rahman, Abhijeet Madhukar Haval, Ansha Goyal
04.40 pm	24CHEE 2045	A Novel Approach for Improving Transient Stability and Frequency Regulation in Microgrid Systems Using CSO-Optimized FOTID Controller	Mahesh Singh, Shimpy Ralhan, Ashna Sonwane, Simardeep Kaur
05.00 pm	24CHEE 2046	Adaptive Control and Optimization Techniques for Microgrid Energy Management	Vishnu Kumar Sahu, Mahesh Singh, Shruti Tiwari, Shimpy Ralhan

**Session 02: ICAECT\_02(PHYSICAL)**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Venue: Seminar Hall-2, Main Block

Session Coordinator : Mr. Shashank Kumar

Session chair : Dr. Achala Jain

<b>Time</b>	<b>Paper ID</b>	<b>Paper Title</b>	<b>Author(s)</b>
11.15 am	24CHEC 2076	Investigating Federated Learning Implementation Challenges in 6G Network	Suman Paul
11.35 am	24CHEE 2033	DVR Based on PI-Controlled Multi-Level Inverter with Multi-Carrier SPWM to Enhance Power Quality	Roshni Rahangdale, Ravi Ranjan Kumar, Archana Gupta
11.55 am	24CHEE 2036	Soft Computing Techniques to enhance power Quality and Forecasting of hybrid PV system connected to grid	Veenita Swarnkar, Mahesh Singh, Shimpy Ralhan
12.15 pm	24CHEE 2037	Enhanced Hybrid Algorithm for Optimizing Economic Dispatch and Emission Management in Power Plants	Achala Jain, Pankaj Jain, Anupama P Huddar, Shimpy Ralhan
12.35 pm	24CHEE 1006	Performance Analysis of a Storage-Based PV System	Snehashis Ghoshal, Sumit Banerjee, Shruti Thakkar
12.55 pm	24CHEE 2008	Design of PLC Based Pressure Control System Using a low Cost Non-Contact Ultrasonic Type Pressure Transducer	Mandakinee Bandyopadhyay, Snigdha Chowdhury Kolay, Subrata Chattopadhyay

02.10 pm	24CHEE 1025	Analysis and Classification of Arcing Signals by Using MFCC	Ratnakar Nutenki, Aditya Thatipudi, Anil kumar Perikala, Harshita Medida
02.30 pm	24CHEE 1026	Arc Fault Characterization by using Statistical Parameters	N. Ratnakar, Kamatham Tharun Kumar, Challa Naga Jaya Lakshmi, Gidla Meghana, Bandaru Raju
02.50 pm	24CHEE 1027	PID Controller Design for DC Motor Speed Control	Ratnakar Nutenki, Bommidi Venkata Varma
03.10 pm	24CHEE 1028	Detection of Arc Fault by using ML Algorithm	N. Ratnakar, K. Tejeshkumar, K. Venkata Sravani, S. Jeevitha
03.30 pm	24CHEE 2014	A Robust Control Framework for Ensuring Stability and Efficiency in Microgrid Integration	Rahul Baghel, Rajendra Kumar, Nimmi Sharma, Manju, Santosh Kumar, Pritha Gupta
03.50 pm	24CHEE 2024	Microgrid Powered Plug-in Hybrid EV Charging Stations with Adaptive Harris' Hawks Optimization Technique for Enhancing Reliability	Shailesh Madhavrao Deshmukh, Mahesh Singh, Shashank Kumar, Gautam Kumar Rana
04.10 pm	24CHCS 7012	Hybrid Models of Machine Learning Based Multi-Agent Coordination for Optimized Course Selection in E-Learning Environment	Shraddha Verma, Lubhawani Tripathi, Divya Sharma
04.30 pm	24CHCS 7014	Cloud Classification in Sky Images using Deep Neural Networks	Archit, Anil Kumar, Yashwant Kashyap

**Session 03: CS01 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Neetish Kumar Chandrakar

Session chair :

1. Dr. Rohit Raja, Asso. Professor & Head - IT, Guru Ghasidas Vishwavidyalaya, Bilaspur
2. Dr. Abha Choubey, Shri Shankarcharya Technical Campus, Bhilai

Google meet link: <http://meet.google.com/smk-fmhp-xya>

Time	Paper ID	Paper Title	Author(s)
11.35 am	24CHCS 1015	Double Encryption Technique for Sharing and Storing the Images in the Cloud Environment	P.Anusha, R. Maruthi, D.Maghesh Kumar, H.Parveen Begum
11.55 am	24CHCS 1017	AI based Attorney Using NLTK Library	Jujjavarapu Sujana Chowdary, Karaka Rupasree, Eswara Venkata Sai Raja, Beebi Naseeba, Morampudi Mahathi, Nagendra Panini Challa
12.15 pm	24CHCS 1027	Comparative Analysis of Noise Reduction Filters for Medical Image	Lakshmi Kumari, Neetu Mittal, Megha Modi
12.35 pm	24CHCS 1030	Hellman Key Exchange Based on Elliptic Curve Group Ring	Qasim Mohsin Luhaib, Ruma Kareem K. Ajeena
02.10 pm	24CHCS 1032	Hyperspectral Image Classification based on Cycle GAN and EfficientNet	Tatireddy Subba Reddy, Sheguri Anusha, Enugu Vishnu Vardhan Reddy, Vuppala Venkata Shivamani, V Mrudula

02.30 pm	24CHCS 1041	Robotic and cyber-attack classification using AI and ML techniques	Jyothi A. P, Aishwary Anurag, Anirudh Shankar, Ashwath Narayan JR, Monisha T R
02.50 pm	24CHCS 1045	A Comprehensive Survey of Consensus Protocols, Challenges, and Attacks of Blockchain Network	Shelke Kavita, Dr. Shinde S.K.
03.10 pm	24CHCS 1056	Attention U-Net Model for Accurate Thoracic Disease Detection, Segmentation and Localization	Himanshu Pant, Manoj Chandra Lohani, Ashutosh Kumar Bhatt
03.30 pm	24CHCS 1072	Seamless Seafood Supply Chain Management: A Dynamic Blockchain Contract with Role-Based Flexibility and Enhanced Security	Pritam Rani, Pratima Sharma, Indrajeet Gupta
03.50 pm	24CHCS 1080	Comparative Study of Performances of Banks Using Markov Chain Model and LSTM	Amritha Gowri Shankar, Anjali S
04.10 pm	24CHCS 2007	A Novel approach for formation of Dense Clusters by Outlier Elimination and Standard Deviation	Pushkar Joglekar, Tejaswini Katala, Aishwarya Katala, Surabhi Deshpande, Aarya Nirgude, Aakash Chotrani
04.30 pm	24CHCS 7043	A Hybrid Approach of Temporal Techniques with Fuzzy Logic for Audio Watermarking against Various Attacks	Sampada Vishwas Massey, Megha Mishra, Vishnu Kumar Mishra



**Session 04: CS02 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Archana Senapati

**Session chair(s)** :

1. Dr. Neelam Chaplot, Assistant Professor, Manipal University, Jaipur
2. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/bgz-feio-exb>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 2023	Edge computing in Industry using Machine Learning Techniques	S.Padmakala, Nagendar Yamsani
11.35 am	24CHCS 2024	Data Science Predict Sales using Machine Learning Techniques	S.Padmakala, Bura Vijay Kumar
11.55 am	24CHCS 2027	Android Malware Detection Using Deep Transfer Learning Model for IoT Applications	S. Parvathi, Anitha Ponraj, Sriram Parabrahmachari, Arun M, Mallula Praveen Kumar, V. Gokula Krishnan,
12.15 pm	24CHCS 2030	LeafNet: Classification of Plant Leaf Diseases using IAO based Hybrid DL Framework	Binju Saju, V Asha, Jincy C Mathew, Shreya N, Sangeetha Sanganagouda Dambala, Shruti
12.35 pm	24CHCS 2032	Parasitized Malarial Infected Cell Detection through Variance Scaling Kernel Initializer Conv2D	M. Shyamala Devi, D. Umanandhini, Aparna Joshi, Gowtham Dontamsetti, Shreyas S
02.10 pm	24CHCS 2036	A MCDM Method based on Aggregation Operators under the Complex Cubic Root Fuzzy Sets	D.Sivakumar, S.Sangeetha

02.30 pm	24CHCS 2039	Implementation of RISC-V Instruction Set Architecture for edge IoT computing platform	P.Arul, Abirami N, Sayeekumar S, Vanmathi P, Annapoorani V
02.50 pm	24CHCS 2047	An Innovative Electric Vehicle Selection with Multi-Criteria Desision-Making Approach in Indian brands on a Neutrosophic Hypersoft Rough Set by using Reduct and Core*	V.S. Subha, R. Selvakumar
03.10 pm	24CHCS 2048	ConciseNet: A Robust Model for Enhancing Signal Reconstruction in Wireless Sensor Networks	P Meena Kumari, Sekar K, P Jagadeesh, Dheepa T
03.30 pm	24CHCS 2064	Action Recognition for Intelligent Surveillance System using LRCN	Chandra Kiran Teja Muddangula, R.Athilaxmi, Venkatesh Tummala, Pulavarthi Sri Chandan Sai Naga Krishna, Sri Chaitanya Kota
03.50 pm	24CHCS 2065	Learning Salient Features for Speech Emotion Recognition using Attention-based Residual Bidirectional LSTM with Federated Learning	Dilsheen Kaur, Anuradha Misra, O.P.Vyas
04.10 pm	24CHCS 2067	Anomaly Detection Classifiers for Detecting Credit Card Fraudulent Transactions	Prerna Singh, Khyati Singla, Prince Piyush, Bharti Chugh

**Session 05: CS03 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Priyanka Prasad

**Session chair(s) :**

1. Dr. Renuka Agrawal, Assistant Professor - CSE, Symbiosis Institute of Technology, Pune
2. Dr. Samta Gajbhiye, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/ngv-ifde-azn>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 2075	Navigating the Digital Maze: Understanding the Psychological Effects of Web Use on Indian School Children	SenthilKumar Ilango, K.Ravichandran
11.35 am	24CHCS 2077	Evaluating suitable alloy for thermocouple using ELECTRE 1 method	S.Anita Shanathi, N.Keerthana
11.55 am	24CHCS 2078	Advancements in Speech Recognition: Exploring Feature Extraction Techniques for Enhanced Accuracy and Human-Machine Communication	Bhavani R, Kalaivani Kathirvelu
12.15 pm	24CHCS 2079	Blockchain-Based Tokenized Taste: Revolutionizing Seafood Transactions with NFTs	Pritam Rani, Pratima Sharma, Indrajeet Gupta
12.35 pm	24CHCS 2083	OHMBC: Optimized Hybrid deep learning Model for Classification of Breast Cancer	Binju Saju, V Asha, Neethu Tressa, Pooja B Kondikoppa, Pooja, Pavan Kumar V J
02.10 pm	24CHCS 2091	A Forecast Model to Monitor Wheat Crop Using Different Vegetation Indices	Saurabh Pargaian, Rishi Prakash, Ved Prakash Dubey, Devendra Singh

02.30 pm	24CHCS 3004	Improved Deepmaxout model for Disease Prediction in Healthcare IoT-Cloud System	Preetha P, Packialatha A
02.50 pm	24CHCS 3006	Transforming Remote Sensing Imagery into Descriptive Text	Raja Sai Praneeth Balla, T. Anuradha, Yaswanth Sai Tummala, Sri Hara Venkatesh Yarlagadda
03.10 pm	24CHCS 3015	Thesis Management System Website for Suggesting Title and Summary from Abstracts	Md. Noyan Ali, Nusrat Jahan, Abu Bokor Siddik, Mst. Shorifa Akter, Nazib Abdun Nasir, Md Tanzim Reza, Mozdahaer Abdul Quader, Ms. Sumaiya Kabir, Md Mizanur Rahman
03.30 pm	24CHCS 3017	Multimodal depression detection using deep learning in the workplace	B.Manjulatha, Suresh Pabboju
03.50 pm	24CHCS 3019	Deep Learning-Enabled Intensity Level Classification of Corn Rust Disease	Arshleen Kaur, Vinay Kukreja, Lisa Gopal, Garima Verma, Rishabh Sharma
04.10 pm	24CHCS 3020	A Hybrid Deep Learning Approach for Severity Classification of Pepper Leaf Mosaic Virus	Arshleen Kaur, Vinay Kukreja, Lisa Gopal, Garima Verma, Rishabh sharma
04.30 pm	24CHCS 1092	Ensemble Learning based Classification of Edible and Poisonous Agaricus Mushrooms	Rupali Sahu, Sudhakar Pandey, Rupal Verma, Parth Pandey

**Session 06: CS04 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Rajeshwar Dewangan

Session chair(s) :

1. Dr. Kamal K. Garg, Assistant Professor – ICT, Pandit Deendayal Energy University, Ahmedabad
2. Dr. Devanand Bhonsle, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/opq-qimh-drs>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 3021	Automated Rice Panicle Blast Disease Severity Classification Using Hybrid CNN-LSTM Model	Vinay Kukreja, Vikrant sharma, Rishabh Sharma
11.35 am	24CHCS 3022	Towards Sustainable Mango Cultivation: Automated Severity Classification of Mango Rust Disease using CNN-SVM	Arshleen Kaur, Vinay Kukreja, Nisha Chandran S., Navin Garg, Rishabh Sharma
11.55 am	24CHCS 3023	Deep Insights into Mango Scab: An AI-Powered Approach for Detection and Classification	Arshleen Kaur, Vinay Kukreja, Deepak Singh Rana, Ashish Garg, Rishabh Sharma
12.15 pm	24CHCS 3024	Bridging the Gap in Precision Agriculture: A CNN-Random Forest Fusion for Disease Classification	Arshleen Kaur, Vinay Kukreja, Sushant Chamoli, Siddhant Thapliyal, Rishabh Sharma
12.35 pm	24CHCS 3026	Energy and Signal Strength based Reliable Route Prediction by Fuzzy Rules in MANET (ESRP)	Medhavi Bhargava, Prof. Anoop Chaturvedi

02.10 pm	24CHCS 3028	Preparing and Annotating a Set of Relevant Contextual Words from the Text Corpus and the Online Newspaper Archives in Bengali	Alok Ranjan Pal, Prithwish Adhikari, Abhishek Dutta, Antara Pal, Diganta Saha
02.30 pm	24CHCS 3036	Image Based Plant Disease Detection using Computer Vision	Bhavya Gali, Tejashwi Jaina, Gourav Katpally, Gowtham Kankipati, Ch. Rajyalakshmi
02.50 pm	24CHCS 3046	Image Classification of Brain Tumors through Hybrid Learning	S P Sreeja, V Asha, Binju Saju, K M Suchitra Dwivedi, Kairoon P, K Bhavana
03.10 pm	24CHCS 3056	Breast Cancer Gene Expression Analysis for the Classification of the Disease using Data Mining Algorithms	S.Nathiya, J.Sumitha, S.Yeswanth, K.Veera Kumar, A.Suthan, K.Thangadurai
03.30 pm	24CHCS 3060	An Approach for Maintaining Structural Uniformity of Multiword Expressions	Abhijit Barman, Diganta Saha, Alok Ranjan Pal
03.50 pm	24CHCS 3061	A New Ant Colony Optimization Algorithm for Optimization of Software Reliability	Narender, Sona Malhotra, Sanjeev Dhawan
04.10 pm	24CHCS 3062	Hesitant Prime Fuzzy Radical and Hesitant Primary Fuzzy Ideal of Ring	Anitha. B, Vidhya. M
04.30 pm	24CHCS 7032	Emergence, Evolution, and Applications of Cyber-Physical Systems in Smart Society	Sunil Kumar and Biswajit Bhowmik

**Session 07: CS05 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Vikky Kumhar

Session chair(s) :

1. Dr. Mohd Zuhair, Assistant Professor, Nirma University, Ahmedabad
2. Dr. Avinash Dhole, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/reb-gqzq-qyp>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 3065	Hybrid CNN & Random Forest Model for Effective Tea Leaf Disease Diagnosis	Ravi Ranjan Kumar, Anuj Kumar Jain, Vikrant Sharma, Rahul Bhandari, Neha Sharma, Sunil Chawla
11.35 am	24CHCS 3069	Redefining Tea Cultivation: A Federated Approach to Detecting Leaf Diseases with CNN	Ankita Suryavanshi, Vinay Kukreja, Dibyahash Bordoloi, Shiva Mehta, Ankur Choudhary
11.55 am	24CHCS 3070	Synergistic Solutions: Federated Learning Meets CNNs in Soybean Disease Classification	Ankita Suryavanshi, Vinay Kukreja, Sushant Chamoli, Shiva Mehta, Ashish Garg
12.15 pm	24CHCS 3071	Stratified Severity Analysis of Soybean Leaf Diseases via Federated Learning and CNN	Ankita Suryavanshi, Vinay Kukreja, Nisha Chandran S, Shiva Mehta, Kireet Joshi
12.35 pm	24CHCS 3074	Cloud Renaissance: Thriving in the Post-Pandemic Digital Landscape	Yashi Saxena, P Ashok, Sandeep Prabhu

02.10 pm	24CHCS 3080	Network on Chip(NoC) Mesh Topology FPGA Verification: Real Time Operating System Emulation Framework	Udaysing V. Rane, Charan arur Panem, Girish Abhyankar, R. S. Gad
02.30 pm	24CHCS 3086	Securing Vulnerabilities: Fuzzer Detection with Machine Learning Classification	Ankita Kumari, Ishu Sharma
02.50 pm	24CHCS 3087	Image-based Plant Disease Classification for the management of Crop Health	M Shiva Shankar, Adishesha R, Hemanth Kumar K, Dr. Jayanthi M. G, Prashanth Kannadaguli, Dr D Loganathan
03.10 pm	24CHCS 3092	Slang Word Detection in the Context of User Profiling in the Social MediaPlatforms	Bikram Samanta, Ritika Shil, Alok Ranjan Pal, Antara Pal
03.30 pm	24CHCS 3094	Optimization of GraphQL Queries in WSO2 Platform	Dennis Kaburu, Mwangi Karanja, Stanley Ondero
03.50 pm	24CHCS 3097	Integrated Blockchain-Based Agri-Food Traceability and Deep Learning for Profit-Optimized Supply Chain Management in Agri-Food Supply Chains	I Mohammed Musthafa Sheriff
04.10 pm	24CHCS 3098	Comparative Analysis of Neural Network Models for Spam E-Mail Detection	G Bharathi Mohan, Dr.R Prasanna Kumar, Sarrvesh N, Poorani Ayswariya P S, P Yagnitha, Pranav Raj S, Boopalamani J
04.30 pm	24CHCS 5099	Identification and Classification of Major Wheat Diseases Insights from Convolutional Neural Network Analysis	Gautam Rana, Rahul Singh, Deepak Upadhyay, Swati Devliyal, Amisha Chhabra
04.50 pm	24CHCS 6000	Disease Recognition in Viticulture CNN-SVM Framework for Accurate Grapevine Disease Diagnosis	Gautam Rana, Rahul Singh, Rahul Chauhan, Hemant Singh Pokhariya, Amisha Chhabra



**Session 08: EC01 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Chandrahas Sahu

Session chair(s) :

1. Dr. S.K.Manikandan, Professor – BME, Velalar College of Engineering & Technology, Erode
2. Dr. Vinay Kumar Jain, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/hsy-ultra-fxc>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEC 1011	Multi-Channel Performance of WiFi 7 with MATLAB Coding	Fatima Faydhe al Azzawi, Tafahm Ahmed Jasim, Gailan Abdul Qadir, Israa Ali Abdulghafor
11.35 am	24CHEC 1012	Antenna Pattern Generation	Anitha Swamidas, P. Siddaiah
11.55 am	24CHEC 1014	Effective Prediction of Coefficients and Performance of Airfoil Using ANN	Harsh Bhutra
12.15 pm	24CHEC 1016	Design and Comparison Between IIR Butterworth and Chebyshev Digital Filters Using Matlab	Vijay Kumar, Mansi Arya, Dharmendra Kumar Jhariya, Amit Kumar
12.35 pm	24CHEC 1017	Dual Band Slot loaded Hexagonal Patch Antenna for 5G Applications	Suman Dey, Soham Ghosh, Mishor Biswas, Bhaskar Gupta
02.10 pm	24CHEC 1018	A pragmatic Implementation of Outdoor Localization Scheme for Real Time IoT Applications	Aseel H. Alnakkash, Ali S.Kurji, Siraj Q. Mahdi, Zahra Q. Fanoos

02.30 pm	24CHEC 1022	Design of Secured Hybrid Passive Optical Networks for FSO System	Anjumanara Begam, Md Asrafal Sekh
02.50 pm	24CHEC 1023	A Research Perspective Review on Microwave Communications - The Fundamentals, Techniques, and Technologies Uniting the Wireless World.	Imran Khan Patan, Sudhakar Komera
03.10 pm	24CHEC 1031	Turmeric Farm Monitoring and Automation Using Deep Learning and Fuzzy Logic on Raspberry Pi: A Low-cost and Energy Efficient Solution	Mervin Paul Raj M, Vijayakumar J
03.30 pm	24CHEC 1033	Efficient channel coding & error correction in MIMO- OFDM by using spatio temporal joint graph convolutional Networks.	Venugopal Tikka, Radhika Sivashanmugam
03.50 pm	24CHEC 1038	High Performance VLSI architecture for Sense Amplifier based Flip flop	S.Karunakaran
04.10 pm	24CHEC 1041	Improved Parity Check Aided Successive Cancellation Flip Polar Decoders	Dwaipayan Ghosh, Sudipta Chattopadhyay
04.30 pm	24CHEC 1044	Design and Implementation of 8-Bit Vedic Multiplier Using Cadence 45nm Technology	V. Sharmila, Vandanapusaikumar, G.C. Pranav Sai Subhash, Naigapula Rakesh, Shaik Bilal
04.50 pm	24CHEC 2090	Single Electron Transistor-Based Charge Quantification System for Energy Harvesting Interfaces	Tarun Singhal, Vinay Bhatia, Ishta Rani, Ankur Singhal, Deepak Dadwal, Promila Singhal, Avinash Sharma

**Session 09: EC01A - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Roshni Rahangdale

**Session chair(s)** :

1. Dr. G. Jaffino, Vellore Institute of Technology, Vellore
- 2.

Google meet link: <https://meet.google.com/myr-hzpx-tqs>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEC 1081	Design and analysis of Low Power Current Starved Voltage Controlled Oscillator using Reverse Body Bias in 90nm CMOS Technology	Priyanka Olaniya, Manoj Kumar, Amit Prakash Singh
11.35 am	24CHEC 1088	Elderly Fall Detection Using mm Wave Radar Sensor	Adityakrishna S Nair, Amalda Theresa John, Angel Anna Alex, Jeslet Joy, Sreesh P.R, Anto Manuel
11.55 am	24CHEC 1091	A Real Time Analysis for Estimation of Degree of Polymerization of Paper Insulation Using CO <sub>2</sub> /CO Ratio	Fanidhar Dewangan, Monalisa
12.15 pm	24CHEC 2015	Real-Time Gesture and Sentence Level Sign Language Translator	Bollem Poojitha, Nikitha G V, Pala Chaitra, Neelima N
12.35 pm	24CHEC 2058	Automated Toxic Chat Synthesis, Reporting and Removing the Chat in Telegram Social Media Using Natural Language Processing Techniques	Abhijith A B, P. Prithvi
02.10 pm	24CHEC 2070	Implementation and Comparative Analysis of Semantic Segmentation using Hybridized Deep Learning Models	P Perin Kumar, P Prithvi

02.30 pm	24CHEC 2085	Simulation and Extraction of Dual-Gate TFET With Ferroelectric Material to Preserve Data	Ashish Verma, Preeti Verma, Dhandapani Vaithyanathan
02.50 pm	24CHEC 2096	Quality Based Feedback Scheme for Wireless Cognitive Radio Network in Rayleigh Fading Channels	Neetu Ahirwal, Anup Mandupura, N.Jayanthi
03.10 pm	24CHEC 2098	Numerical Analysis of Ultrathin and Polarization-Insensitive FSS with Wide-Stopband and Dual-Passband Response for Conformal Applications	Kanwar Preet Kaur, Simardeep Kaur
03.30 pm	24CHEC 2080	Energy Efficiency of Embedded Controllers through DVFS	Vimala Madala, Ganesh Kumar Chellamani
03.50 pm	24CHCS 5075	Breast Cancer Detection: SVM and SMOTE Integration for Fine Needle Aspiration Feature Analysis	Prabira Kumar Sethy, Shanthi.S, Manas Kumar Panigrahl, Akshay Shirole, Ashis Das, Amlan Nanda
04.10 pm	24CHCS 6056	DeepOvaNet: A Comprehensive Deep Learning Framework for Predicting and Diagnosing Ovarian Cancer in Women Across Menopausal Transitions	Ashis Das, Prabira Kumar Sethy, M Chilakarao, Mukesh Kumar Dalai, Preesat Biswas, Santi Kumari Behera
04.30 pm	24CHCS 7027	Analyzing Employee Retention Factors using Machine Learning	Moshiur Rahman, Md Rashedul Islam, Partho Bala, Abdus Sattar
04.50 pm	24CHCS 7028	Real Time Flower Identification by Artificial Intelligence	Moshiur Rahman, Taushik Ahmed Joy, Samia Akter, Abdus Sattar

**Session10: EE01 - ONLINE**

Date: 11.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Vishnu Sahu

**Session chair(s)** :

1. Dr. K. Dhayalini, Professor – EEE, K. Ramakrishnan College of Engineering, Trichy
2. Dr. Shruti Mishra, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/iag-namy-biy>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEE 1002	Rehabilitation of Water Flooded Hydro Generator	Santhosh Kumar S.L.D., Kumar P.G.S., Reddy K.M.
11.35 am	24CHEE 1013	Performance Analysis of Speed Control of Induction Motor Using Improved Hybrid Indirect Vector Control	Arpit Yadav, Ranjay Das, Ganesh Roy
11.55 am	24CHEE 1023	A Soft Switched Coupled Inductor Based Interleaved Buck-Boost Converter for LED Driver	Aakash Arunachalam, Suganthi Karuppusamy, Vijaya Varshini K, Karthickeyan M.
12.15 pm	24CHEE 1036	Load Frequency Control Scheme Controller Design for Isolated and Conventional Two Area Power Systems	Mukesh Soni; Amit Mittal; Arsalan Muhammad Soomar; Pooja Sahoo; Karuna Markam; Shweta Singh
12.35 pm	24CHEE 1040	Comparison between Direct Torque Control based on Space Vector Modulation with Conventional Direct Torque Control Technique for Speed Control of Three-phase Induction Motor	Neha Suman, Upendra Prasad, Rahul Kumar

02.10 pm	24CHEE 1043	Non-Inverting Buck-Boost Converter Design using Analog Multiplier	S. Karunakaran, N.Nikhilesh , V.Nithesh, Kaustubh Singh
02.30 pm	24CHEE 1054	Enhanced scanning rate for SIW-LWA with continuous beam steering using delay lines	Ruchi Agarwal, Himanshu Kumar, Himanshu Mishra
02.50 pm	24CHEE 1059	Analysis of Transformer Impulse Test Signals using Transfer and Coherence Functions	Dharmesh Yelamanchi, Aravind K A, K. Marimuthu
03.10 pm	24CHEE 1060	Reliability Assessment of PV Inverter Considering Degradation Rate and Panel Oversizing	A Suresh Kumar, J. Sreeranganayakulu, B Lakshmi Prasanna, G Kavya, G Dileep Reddy, Syed Khaja Mohiddin
03.30 pm	24CHEE 1061	Performance Improvement of a Grid Connected PV Inverter with Optimal Controllers	A Suresh Kumar, J. Sreeranganayakulu, B Lakshmi Prasanna, G Kavya, G Dileep Reddy, Syed Khaja Mohiddin
03.50 pm	24CHEE 1070	Influence of Manufacturing Faults on Squirrel Cage Induction Motor	Hayatullah Nory, Ahmet Yildiz, Serhat Aksun, Cansu Aksoy
04.10 pm	24CHEE 1076	An Efficient Prediction of battery capacity based on temperature and state of charge using impedance	Panimathi B, Chandan K, Nimmy P, T.V.Smitha
04.30 pm	24CHEE 1079	Solar Powered Buck-Boost Converter with different Structural Configurations	Sivagami V, Umamaheswari M G, Amutha C, Jeny Sophia S

**Session 11: CS06 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. B.Chiranjeev Rao

**Session chair(s)** :

1. Dr. Neha Gupta, Assistant Professor, Symbiosis University of Applied Sciences, Indore
2. Dr. Abha Choubey, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/xmr-mtmu-qsm>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 4024	Advanced Retinal Image Segmentation using U-Net Architecture: A Leap Forward in Ophthalmological Diagnostics	Nobanul Hasan, Md Jahid Alam Riad, Stabak Das, Prosenjit Roy, Mahfuzur Rahman Shuvo, Mafizur Rahman
11.35 am	24CHCS 4030	Developing Sustainable Solutions Using Technological Approaches for Disaster Management and Energy Access in Mountainous Ranges: A Case Study of Sera Village, India	Y.Jagadish Kumar, D.Surya Vamsi, K.N. Nishaanth, Naren Mouria. G, K.R. Raghul, S. Sampath Kumar, Souresh Cornet
11.55 am	24CHCS 4032	Advancing Breast Cancer Prediction and Early Detection with Advanced Deep Learning Models	Parth Garg, Pulkit Sharma, Prakash UM
12.15 pm	24CHCS 4039	Logs2Vul: Vulnerability Detection from Logs for CSPM	Omkar Jois, Roshni G, Ranjan Baisak, Sujatha R Upadhyaya
12.35 pm	24CHCS 4042	Generative AI for Community Empowerment: Transforming Livelihood Opportunities in a Rural Indian Village	K. B. Bharath Suhas, A. P. Sri Krishna, Karishram B, Maddina Sai Roopesh, Sachithanantha Jothi S, Kondepoti Teja, Anu G. Kumar, Krishna Nandan

12.50 pm	24CHCS 5057	Enhancing Wheat Disease Classification: A Hybrid Approach Combining CNN and Random Forest	Varun Kumar, Kanwarpartap Singh Gill, Rahul Chauhan, Siddhant Thapliyal, Keshav Sharma
02.10 pm	24CHCS 4061	Forecasting Degree Completion: A Naïve Bayes Predictive Model for Students' Success	Bell S. Campanilla
02.30 pm	24CHCS 4062	A Hybrid machine learning approach for Melanoma cancer stage detection	A P Nirmala, V. Asha, Arpana Prasad, Amol A Ghorpade, Amrutha H S, Anish Raj
02.50 pm	24CHCS 4066	Analysis of Machine Learning Based Credit Card Transaction and its Applications	S.Venkatachalam, P.Priyadarsini, K.Jayasree, Bhimrao Pawar, R.Sasikala, S.Loganathan
03.10 pm	24CHCS 4077	Simple Encryption and Decryption of Password for Cyber Security Application	Vinay Kumar H S and Supriya Devi
03.30 pm	24CHCS 4082	Detection of Skin cancer using Optimized Hybrid deep learning Model	Jincy C Mathew, V Asha, Binju Saju, Neethu Tressa Anthony, Priyanka Imagoudanavar, Sachin M Mandave
03.50 pm	24CHCS 4083	Towards Context Aware and Age-Based Book Recommendation System using Machine Learning for Young Readers	Aniket Singh, Santhosh Phanitalpak Gandhala, Murhib Alahmar, Pratik Gaikwad, Upamanyu Wable, Aman Yadav, Renuka Agrawal
04.10 pm	24CHCS 6080	Organic and humic materials for soil fertility and sustainable crop production in coastal sandy soils	R.Singaravel and M.Seenivasan
04.30 pm	24CHCS 6072	Enhancing Computation Offloading in Wireless-Powered Mobile-Edge Computing Networks with Deep Reinforcement Learning for Online Optimization	R Prasanna Kumar, Chereddy Spandana, Ippatapu Venkata Srisurya, Priyadharshini A R , Krithika S, Gudivada Dhyana Sai, Venkatraman K



**Session 12: CS07 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Archana Senapati

Session chair(s) :

1. Dr. Charan Panem Arur, Assistant Professor – FS, National Forensic Sciences University, Tripura
2. Dr. Megha Mishra, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/bgz-feio-exb>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 4089	Plant Disease Detection using MLP, Convnets and Densenet models	Nerella Sameera, Bagusetty Ajay Ram, Pennada Siva Satya Prasad, A.Lakshmanarao
11.35 am	24CHCS 4099	Automatic face mask detection system in public transportation in smart cities using IoT and deep learning	Kaushalya Thopate, S L Prathapa Reddy, Manthan S. Manavadaria, Minakshi Dattatraya Bhosale, Sireesha koneru, Ravi Rastogi
11.55 am	24CHCS 5002	An Efficient Lung Cancer Detection Model using Convnets and Residual Neural Networks	Kanakala Raja Sekhar, G R L M Taryu, A.K.Chakravarthy, BoyinaGopiraju, A.Lakshmanarao, T.V.Sai Krishna
12.15 pm	24CHCS 5003	Efficacy of deep learning techniques in detecting Diabetic Retinopathy	A P Nirmala, V. Asha, Arpana Prasad, Anup Ramakant Savant, Anjali Sirige S, Abdur Rahman

12.35 pm	24CHCS 5005	Feature Fusion Extraction Method for Improvement of Recognition of Continuous Speech	Vaishali A. Kherdekar, Sachin A. Naik
02.10 pm	24CHCS 5007	Cost Sensitive Approach to Ethereum Transactions Fraud Detection using Machine Learning	P Jyothi, Arasada B Venkata Ayush Patnaik, Nagidi Chaithanya Vardhan Reddy, Palarapu Saket, Siliveru Suresh
02.30 pm	24CHCS 5011	Machine Learning-based Intrusion Detection System using Wireless Sensor Networks	Priyanka Pande , Harsh Mathur , Lalit Kumar Gupta
02.50 pm	24CHCS 5013	A Strategy to Mitigate ARP Spoofing Attacks on Hypervisors	Yasir Abdelgader Mohamed, Mohamed Hashim, Mohamed Bashir
03.10 pm	24CHCS 5024	Estimating renewable energy sources using Fermatean picture fuzzy ELECTRE method	S. Anita Shanathi, K. G. Basavaraju
03.30 pm	24CHCS 5031	A Paradigm Shift in Breast Cancer Detection: Leveraging Transfer Learning for Enhanced Diagnostic Accuracy	Vaidehi Doye, Ranjini K
03.50 pm	24CHCS 5033	Overlapping Community Detection based on Facets of Social Network: An Empirical Analysis.	Soumita Das, Anupam Biswas
04.10 pm	24CHCS 4033	Emotion Recognition by Facial Expressions and Speech Using Deep Learning	Jasthi Vivek Vardhan, Y Kalyan Chakravarti, Annam Jitin Chand
04.30 pm	24CHEC 1009	Breast Cancer Prediction using Artificial Intelligence Technology	V.Akila, J.Anita Christaline

**Session 13: CS08 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Vikky Kumhar

**Session chair(s) :**

1. Dr. S. Jothi Lakshmi, Associate Professor, Sri Krishna College of Engg. & Technology
2. Dr. Avinash Dhole, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/reb-qqzq-qyp>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 5035	Enhancing Chest X-ray Analysis using Encoder Decoder with GRU for Report Generation	Shashank Pandey, Piyali Saha, Gaurav Sharan, Sandosh S
11.35 am	24CHCS 5038	Steel Defect Detection Using a ResNet-Inspired Model and Fourier Transforms	Rohit Madhavan Sudharsan, Philip Anand, Vishwath Ramachandran, Manas Ranjan Prusty
11.55 am	24CHCS 5040	An Ensembled Grid based Machine Learning Approach for PD Classification from MRI Images	Redhya M, M. Jayalakshmi
12.15 pm	24CHCS 5050	Disease Prediction System in Human Beings using Machine Learning Approaches	Kireet Joshi, Vishan Kumar Gupta, Paras Jain, Anurag Shukla, Monika Bharti, Himanshu Jindal
12.35 pm	24CHCS 5056	ABC Optimised CNN model for classifying Alzheimer's Disease stages	V. Lalitha Nagaveni, D. Rajeswara Rao, S. Neeharika
02.10 pm	24CHCS 5058	Sonic Signatures: Sequential Model-driven Music Genre Classification with Mel Spectrograms	Rudresh Pillai, Neha Sharma, Deepak Upadhyay, Sarishma Dangi, Rupesh Gupta

02.30 pm	24CHCS 5091	Security of Images Using Pascal's Triangle Chaotic Encryption Scheme and with Biometric authentication in Cloud Storage	Raghav Gupta, Manasa Gullapalli, G Suseela
02.50 pm	24CHCS 5098	Wholeness Unveiled: Pioneering the Fusion of Denoising and Inpainting for Mastery in Image Restoration	R. Ashwini, R. Vani, S. Suvitha
03.10 pm	24CHCS 6004	Leveraging the Capabilities of EfficientNetB3 to Classify Eye Diseases with Reliability	Poonam Shourie, Vatsala Anand, Deepak Upadhyay, Vijay Singh, Sheifali Gupta
03.30 pm	24CHCS 6005	Intrusion Detection in WSN with Optimal Trained Hybrid Model: Introduction to Self-Improved Beluga Whale Optimization	Madhavarapu Chandan, S G Santhi, T Srinivasa Rao
03.50 pm	24CHCS 6006	L-BFGS Optimization in GANs for Enhanced Pulmonary Disease Prediction from X-ray Images	Indumathi V, Siva R
04.10 pm	24CHCS 4091	Empirical Evaluation of Large Language Models in Resume Classification	Prasanna Kumar R, Rithani M, Bharathi Mohan G, Venkatakrisnan R
04.30 pm	24CHCS 4075	Machine Learning Model to Predict Results of Law Cases	Toshiba Ansari, Harjit Singh Dhillon, Monika Singh

**Session 14: CS09 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Priyanka Prasad

**Session chair(s)** :

1. Dr. C. Viji, Alliance University, Bangalore
2. Dr. Siddharth Choubey, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/ngv-xfde-azn>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 6009	Identification of Autism Spectrum Disorder in Children from Facial Features Using Deep Learning	Varsha P, Uma Maheswari V
11.35 am	24CHCS 6010	Improving Oil Spill Detection in Marine Environments Through Deep Learning Approaches	M Phani Shanmukh, S Baghavathi Priya, Tamilselvi Madeswaran
11.55 am	24CHCS 6012	Two-Area Power System with Automatic Generation Control Utilizing PID Control, FOPID, Particle Swarm Optimization, and Genetic Algorithms	Madan Mohan Sati, Dinesh Kumar, Akhilesh Singh, Mohan Raparathi, Faisal Yousef Alghayadh, Mukesh Soni
12.15 pm	24CHCS 6013	Comparative Analysis of Machine Learning Models for Water Quality Prediction	Bode Vamsi Krushna, Sasikala D
12.35 pm	24CHCS 6014	A Framework for Medical Image Steganography with Modified LSB and Hamming Code	B.Rama Priya, Y.Kalpna

02.10 pm	24CHCS 6016	Sustainability of Renewable- Energy- Sources- Classification utilizing Moderator- Intuitionistic- Fuzzy Hybrid Averaging Operator	Rakhi Kamra, Bhagawati Prasad Joshi, Pragati Sinha, Akhilesh Singh, Sachit Rathee
02.30 pm	24CHCS 6017	Cyber Guard: Detecting Adversarial DDoS Attacks in SDN using WGAN-CNN-GRU	Konda Srikar Goud, Srinivasa Rao Giduturi
02.50 pm	24CHCS 6018	Enhancing Abstractive Text Summarization with Proximal Policy Optimization	R Prasanna Kumar, K Venkatraman, Arjun Kumar Chandrasekar, Charan Kumar M, Karra Lokeshwar Reddy, Mullapudi Phani Shanmukh, Tharun Kumar M.
03.10 pm	24CHCS 6020	A Comparative Exploration of Time Series Models for Wild Fire Prediction	Sri Sowmya V, Sasikala D, Theetchenya S
03.30 pm	24CHCS 6025	Deciphering Poxvirus Strains: Feature-Driven classification of Monkeypox	Daripelli Mehul, Sasikala.D
03.50 pm	24CHCS 6027	Machine Learning for Air Quality Prediction: Random Forest Classifier	Kasula Vaishnavi, Gummalaa Sreya, Kishor Kumar Reddy, Anisha P R
04.10 pm	24CHCS 6033	Monoid on Gödel implication operator over Neutrosophic Fuzzy Matrices and Decision Making Process for Higher Education Institution	T. Muthuraji, A. Anbukkarasi

**Session 15: CS10 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Rajeshwar Dewangan

**Session chair(s)** :

1. Dr. D. Loganathan, Professor, Cambridge Institute of Technology, Bangalore
2. Dr. Samta Gajbhiye, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/opg-qimh-drs>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 6029	An Ensemble method for heterogeneous using boosted k-nn with active learning	Venugopal, Sharma, Kalpana
11.35 am	24CHCS 6031	Fracture Detection Health Network (FDHN): A solution to generate bone fracture insight	Divyanka Thakur, Priya Pal, Sobhin Somraj, Sarita Bopalkar, Sunil Chavan
11.55 am	24CHCS 6032	Intelligent Tutoring System-Based Learning Model in The Military	Bobi Kurniawan, Meyliana, Harco Leslie Hendric Spits Warnars, Bambang Suharjo
12.15 pm	24CHCS 6034	A Comparative Study of Machine Learning Models for Network Traffic Classification in the IoT Landscape	Divyanshu Thakur, Srijan Sah, Abhishek Verma, Priyansh Ailsinghani, Virender Ranga
12.35 pm	24CHCS 6043	MongoDB integration with Python and Node.js, Express.js	AVSS Somasundar, M Chilakarao, BHVS Rama Krishnam Raju, Santi Kumari Behera, Ch Venkata Ramana, Prabira Kumar Sethy

02.10 pm	24CHCS 6046	Demonstration of a Highly Developed CNN-SVM Model to Accurately assess the Degree of Brown Rot in Orange Leaf	Vishesh Tanwar, Vatsala Anand, Priyanshi Aggarwal, Mukesh Kumar
02.30 pm	24CHCS 6053	Evolution of Neuromorphic Computing	Vakada G Sai Sree Vaishnavi, Biswajit Bhowmik
02.50 pm	24CHCS 6058	Enhancing Fake News Detection: An Ensemble Approach with XLNet and DistilBERT	D.Deepa, J. Manikanadan, S.Jeevitha,
03.10 pm	24CHCS 6059	AI-based Visual Attention Scenario Identification Model in Military Environment	Ankur Sapariya, Sushil Kumar Singh, Ravikumar R N, Urvi Bhatt, Soram Wangllen, Suraj Prakash Singh
03.30 pm	24CHCS 6060	Towards an Efficient DDoS Attack Detection in SDN: An Approach with CNN-GRU Fusion	Konda Srikar Goud, Srinivasa Rao Giduturi
03.50 pm	24CHCS 6063	R2V-PPI: Enhancing Prediction of Protein-Protein Interactions Using Word2Vec Embeddings and Deep Neural Networks	I.R. Oviya, N.Shanmukha Sravya, Kalpana Raja
04.10 pm	24CHEC 2089	Feature-Driven Object Extraction: Unveiling Insights from Segmented Imagery	Mohit Srivastava, Dinesh Arora, Pradeep Gaur, Abhishek Sharma, Avinash Sharma
04.30 pm	24CHEC 2093	Durum Wheat Classification Using Feature Selection, Bayesian Optimization and Support Vector	Nabin Kumar Naik, Prabira Kumar Sethy, Appari Geetha Devi, Rajat Amat, Santi Kumari Behera, Preesat Biswas



**Session 16: CS11 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Neetish Kumar Chandrakar

**Session chair(s)** :

1. Dr. Saurabh Agrawal, Vellore Institute of Technology, Vellore
2. Dr. Devanand Bhonsle, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <http://meet.google.com/smk-fmhp-xya>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHCS 6064	Applications of Deep Learning Algorithms for Object Detection in Real-time Drone Surveillance: Systematic Review, Recent developments and Open Issues	Shamitha S.K, V. Ilango
11.35 am	24CHCS 6069	Enhancing Diabetes Prediction and Management through Machine Learning: A Comparative Study	K.Sudha, C LakshmiPriya, P. J. Beslin Pajila, E. Venitha, M.Anita, Siva Subramanian. R
11.55 am	24CHCS 6077	Assessment of Wind Speed at Various heights and Analysis of Wind Power potential	D.Indhumathy, C.Indirani, K.Meenambika
12.15 pm	24CHCS 6078	Malware-Induced Data Disturbance: A LeNet Perspective with FGSM and PGD	Harshith Katragadda, S. Baghavathi Priya
12.35 pm	24CHCS 6096	Machine Learning Approach for Detection of Speech Emotions for RAVDESS Audio Dataset	Yogesh R. Rochlani, Anjali B. Raut
02.10 pm	24CHCS 6097	An Inventive Movie Suggestion System Using Machine Learning Techniques	Kireet Joshi, Paras Jain, Vishan Kumar Gupta, Anurag Shukla, Ashutosh Gupta, Mukesh Kumar Singh

02.30 pm	24CHCS 7002	Power Generation Prediction and Optimization of Parameters of Piezoelectric Wave Energy Converter Device	Vipin V, Santanu Koley
02.50 pm	24CHCS 7010	Detection and Classification of Various Diseases in Cotton Crops using advanced Neural Network Approaches	Sallauddin Mohmmad, Gajjela Varshitha, EslawatYadlaxmi, Bura Sai Nikitha, Dara Anurag, Chevulashivakumar
03.10 pm	24CHCS 3095	Design of data processing scheme of 5G terminal protocol conformance test system	Cao Jingyao, Amit Yadav, Asif Khan, Abhishek Pratap Sah
03.30 pm	24CHCS 7019	Quaternionic Rhotrix Groups: A New Paradigm for Key Exchange and Encryption Algorithms	Gnanachandra P, Ananda Priya B, Seenivasan M
03.50 pm	24CHEC 2057	Analyzing Federated Learning as a novel approach for enhancing security and privacy in the Internet of Things (IoT)	Aziz Ullah Karimy, P Chandrasekhar Reddy
04.10 pm	24CHEE 1007	Finite-time Fault-Tolerant Time-Varying Elliptical Formation Control of Heterogeneous Multi-agent System for Collaborative Wildfire Monitoring	Joewell T Mawanza, John T Agee, Ernest Bhero
04.30 pm	24CHCS 3053	A Quarter Century Journey: Evolution of Object Detection Methods	Shreya Jain, Samta Gajbhiye, Achala Jain, Shrikant Tiwari and Kanchan Naithani

**Session 17: EC02 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mr. Chandrahas Sahu

**Session chair(s)** :

1. Dr. S. Kayalvili, Asso. Professor – Kongu Engineering College, Erode
2. Dr. Mimi Akash Pateria, Professor - Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/hsy-utra-fxc>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEC 1045	Array of Golden-ratio based Concentric Circular shaped Printed Antennas for DSRC Applications	Kalyan Sundar Kola, Anirban Chatterjee, Sandip Bhattacharya
11.35 am	24CHEC 1048	Investigating the impact of human body referencing through Sensor-Body Models for biopotential measurements	Anubha Manju Kalra, Gautam Anand
11.55 am	24CHEC 1051	A Deep Learning Revolution: Using Residual Networks for COVID-19 Detection in CT Scans	K.Vijay Chandra, K.Sudha Rani, C.V.Rambabu, S.Bhargav, Poornaiah Billa
12.15 pm	24CHEC 1052	Minimum feature set based optimally tuned adaptive classification algorithm for arrhythmia detection	Swetha R, Sabitha Ramakrishnan, Supreetha S, Raviprasad.S
12.35 pm	24CHEC 1053	Comparative Experimental Analysis of Different Wireless Communication Technology for Various UAV Application with Alerting System	Priti Mandal, Lakshi Prosad Roy, Santos Kumar Das
02.10 pm	24CHEC 1059	Biomedical Image Classification using Deep Reinforcement Learning	Sushma Parihar, Amit Kukker, Supriyo Dhar, Varun Amitabh, Varun Singh, Vamsi Krishna

02.30 pm	24CHEC 1062	Comparative Study between Various Algorithms of Image Compression Techniques using MODIS Image	Omkulthoum G.Gadalla, Mohamed E. Nasr, Heba Ali Elkhobby
02.50 pm	24CHEC 1068	Corneal Image Segmentation Using Attention U-Net	U.Aakanksha, K.Vijaychandra
03.10 pm	24CHEC 1076	Applications of Quantum Cascade Lasers in Spectroscopy and Trace Gas Analysis	Harishchander Anandaram, Srikanth Velpula, M Ramkumar, G Ramya, S.Lakshmisridevi, P Ashok
03.30 pm	24CHEC 1078	Robust, Lossless and Parallel Medical Image Encryption Scheme	Gouri Morankar, Utkarsha Pacharaney, Priti Shahane
03.50 pm	24CHEC 1083	Precision Localization of Acoustic Beacons Using Active Sonar Systems: An In-Depth Analysis	Bhavitha P, Ravi Raja A, Anjali D, Harish J, R V H Prasad, Sridevi Dasam
04.10 pm	24CHEC 1086	An overview of low power technologies and the Alternative Approaches for low power IOT architecture	T.J.Nagalakshmi
04.30 pm	24CHEC 1096	Study the effect of different modulation schemes on high speed optical fiber links with CFBG based dispersion compensation	Sreeragi G.R., N.Vijayakumar, Pradeep R.
4.50 pm	24CHEE 2034	Design and Development of FOPID Controller for Ankle Joint Exoskeleton	Md Tarique Iqbal, Kashif IK Sherwani, Munna Khan

**Session 18: EC03 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Mrs. Tanu Rizvi

**Session chair :**

1. Dr. Mangal Singh, Professor, Symbiosis Institute of Technology, Pune
2. Dr. Shimpy Ralhan, Professor & Head, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/enm-gekq-gws>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEC 1098	High Speed Mode Division Multiplexing based Visible Light Communication for IoT Applications	Meet Kumari
11.35 am	24CHEC 2001	P-type Dual Material Gate Si and Si(1-x) Ge TFETs: A Comparative Study for DC and Analog/RF Performance Evaluation	Sadhana Subhadarshini Mohanty, Pradipta Dutta, Jitendra Kumar Das
11.55 am	24CHEC 2004	Performance Evaluation and Analysis of Visible Light Communication for Indoor Data Transfer using LED Technology	Anusha Chandra, Rohan Khandelwal, Naman Jain, Sahil Gupta, Ritu Raj Singh
12.15 pm	24CHEC 2007	Circular-Shaped Nanostrip Fed Plasmonic Nano-Antenna Sensor	Kavitha S, Ashish Singh, K V S SSS Sairam, Mohammad Aneesh
12.35 pm	24CHEC 2011	LiDAR Point Clouds in Autonomous Driving Integrated with Deep Learning: A Tech Prospect	S. Vishnupriya Chowdhary, N. Neelima
02.10 pm	24CHEC 2018	A Comparative Study of Power Optimization Techniques for Microcontroller based IoT Applications	Shital Pawar, Chirag Bhandari, Harshita Jain

02.30 pm	24CHEC 2038	Design and Analysis of Dual Mobility Drone-Rover System for Disaster Management Scenarios	DuvvaKrupakar, Chedhudupu Sankeerth, Mavurapu Akash, Dheeraj Velamala, Hima Bindu valiveti
02.50 pm	24CHEC 2041	DDoS Attack Detection System for IoT Enabled Smart City Applications with Correlation Analysis	Veeramachaneni Nirosha, V. Hemamalini
03.10 pm	24CHEC 2044	Analysis of Data Forwarding Issues In Wireless Networks Aimed For Railway Signaling Systems	Jahnavi Katragadda, Mubeena Shaik, Seetha Ramanjaneyulu B
03.30 pm	24CHEC 2048	Performance Metrics Comparison in IMT-E Band between Lens Antenna and Helical Antenna at 2.6 GHz - A Statistical Approach	T.J.Nagalakshmi, G.Revanth
03.50 pm	24CHEC 2062	IoT based Fault Detection in Dusty Solar Panels using Modified DenseNet121	P.Sampurnalakshmi , Manjula Sri Rayudu, K.Bapuji
04.10 pm	24CHEC 2075	Impact of Activation Functions on the Performance of Squeezenet for the Classification of Kidney Diseases	N. M. Nandhitha, S. Emalda Roslin
04.30 pm	24CHEC 2081	CPW-fed Printed Square Slotted Antenna for IoT/WLAN Applications	J R Panda, B K Behera, S K Dash, S N Mishra, B Appasani
04.50 pm	24CHEC 3002	Advanced Decoding Methods for Massive-MIMO Systems Employing Deep Learning	Shashank Kumar Singh, Mangal Singh

**Session 19: EE02 - ONLINE**

Date: 12.01.2024

Time: 11.10 am to 04.30 pm

Session Coordinator : Ms. Simardeep Kaur

**Session chair(s) :**

1. Dr. Naveen Goel, Samrat Ashok Technological Institute Polytechnic, Vidisha
2. Dr. Mahesh Singh, Associate Professor, Shri Shankaracharya Technical Campus, Bhilai

Google meet link: <https://meet.google.com/goo-dmeh-sxj>

Time	Paper ID	Paper Title	Author(s)
11.15 am	24CHEE 1081	Comparative Analysis of Multiple Heuristic Optimized Operation of AGC Controller	Om Rishi, Tapan Garg, Gaurav Kumar, Rishabh Verma, Diljinder Singh
11.35 am	24CHEE 1085	A novel metamaterial absorber unit cell	Shayla Sharmin, Tahmina Khanom Tandra
11.55 am	24CHEE 1088	Efficient Humidity Sensor Based on An Etched No-core Fiber Coated with SiO <sub>2</sub> - nanoparticles	Nadia ahmad, Adnan Hussein Ali, Ali Al-Askery
12.15 pm	24CHEE 1089	Battery Management System for V2G and G2V in DC Fast Charging Architecture	M.T.L.Gayatri, KKC Deekshit, PS Puhan
12.35 pm	24CHEE 1092	Adsorptive Removal of Impurities from Transformer oil using Activated Carbon	S.Tamil Selvi, Navneet Krishna Narasimhan, G.Jeevanantham, R. Abhishek
12.50 pm	24CHEE 2041	Investigations on Direct Rotor Current Estimation for Vector Controlled Induction Motor Drives	B Chiranjeev Rao, Shimpy Ralhan

02.10 pm	24CHEE 1099	Selective Harmonics Elimination in 5-Level MLI by Using Particle Swarm Optimization	Vikas Kumar Verma, Hemant Kumar Meena, Sandeep N
02.30 pm	24CHEE 2000	Designing and Modelling of Switched Reluctance Motor with its Characteristics Analysis	Arun Kumar Maurya, Mohit Kumar Maheshwari, Awas Bhardwaj
02.50 pm	24CHEE 2002	Analysis of Cyber Security Attacks on Power System Networks and its Protection Schemes	Arun Kumar Maurya, Pranav Singhaal, Harsh Kumar Pathak
03.10 pm	24CHEE 2011	Efficient Standard Cell Layout Techniques	Nandagiri Sai Prakash, Lalit Mohan Saini
03.30 pm	24CHEE 2016	Enhancing Photovoltaic Performance in Lead-Free CH <sub>3</sub> NH <sub>3</sub> SnI <sub>3</sub> PV via Acceptor Density	Vishal Yadav, Rahul Pandey
03.50 pm	24CHEE 2022	Optimal Site Selection and Economic Scheduling of Electric Vehicle Charging Station using HOMER: A case study of TOHANA, Haryana	Pulkit Kumar, Harpreet Kaur Channi
04.10 pm	24CHEE 2028	Simulation and Performance Analysis of a DC-DC Converter with Enhanced Voltage Gain, Wide Input Voltage Variations, and Unified Ground Configuration	Ravivarman Shanmugasundaram, Ankit Pandya, G. Manasa Priya, B. Anitha, P. Srinath
04.30 pm	24CHEE 1082	Modelling and Comparative Analysis of Optimally Tuned PID Controllers in DC Motor Systems	Ravi Kumar, Veena Sharma, Vineet Kumar
04.50 pm	24CHEE 2042	Microgrid System with Event Triggered Distributed Secondary Control	B Chiranjeev Rao, Shimpy Ralhan