

**2024 International Conference on
Electrical, Computer and Communication Technologies (ICECCT 2024)**
26 - 28, JUNE 2024 | Durg, Chhattisgarh, India

Program Schedule

Date	Time	Event
26.06.2024	11.00 am to 11.40 am	Inaugural Function
	11.45 am to 12.25 pm	Keynote Address #1: Prof Dr. Saad Mekhilef <i>School of Science Computing and Engineering Technologies Swinburne University of Technology Melbourne, Australia</i>
	12.25 pm to 01.00 pm	Keynote Address #2: Dr. Geetam Singh Tomar <i>Institute of Engineering & Technology, Lucknow</i>
	02.00 pm to 04.50 pm	Session 1: ICECCT #01(PHYSICAL)
		Session 2: ICECCT #02(PHYSICAL)
		Session 3: ICECCT #03(PHYSICAL)
		Session 4: CS01(Online)
		Session 5: CS02(Online)
		Session 6: CS03(Online)
		Session 7: EC01(Online)
Session 8: EC02(Online)		
27.06.2024	10.30 am to 11.00 am	Keynote Address #3: Dr. Satyanarayana Bheesette <i>Scientific Officer (H), Department of High Energy Physics, Tata Institute of Fundamental Research Homi Bhabha Road, Colaba, Mumbai, 400 005, INDIA</i>
	11.00 am to 11.30 am	Keynote Address #4: Dr. Kamal Sharma <i>GLA University, Mathura</i>
	11.10 am to 01.30 pm	Session 9: CS04(Online)
		Session 10: CS05(Online)
		Session 11: CS06(Online)
		Session 12: CS07(Online)
Session 13: EC03(Online)		
Session 14: EE01(Online)		
28.06.2024	10.30 am to 11.05 am	Keynote Address #5: Dr. Banshidhar Majhi <i>Vice-Chancellor, VSSUT Burla, Odisha</i>
	11.10 am to 01.30 pm	Session 15: CS08(Online)
		Session 16: CS09(Online)
		Session 17: EC04(Online)
		Session 18: EE02(Online)

		Session 19: CS10(Online)
		Session 20: CS11(Online)
		Session 21: CS12(Online)
28.06.2024	01.30 pm	Valedictory Session

CS - Computer Science & Engineering
 EE - Electrical & Electronics Engineering
 EC - Electronics & Communication Engineering

Note:

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google meet platform.
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) + 2 minutes (Queries)
6. Participants are requested to follow the scheduled time; especially regarding the time for your talk.
7. Participants are requested to contact the respective session coordinators for presentation related queries.
8. If any problem connecting to session, please text to the respective session In-Charges (Or) ICECCT Whatsapp group during presentation date(s).

Session 1: ICECCT #01 - PHYSICAL

Date: 26.06.2024

Time: 02.20 pm to 04.50 pm

Session Coordinator : Dr. Nachiket Tapas, +91 6261597493

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 4075	Examining Vulnerabilities in Hashed Time Lock Contract (HTLC) Using Static Analysis Tools	Debasis Mohanty, Prikshat Kumar Angra, Divya Anand
02.35 pm	CS 5030	Accelerating Colonoscopy Detection and Classification Using YOLOv8	Almas Begum, Yuktha Varshika J, Gopinath M, Sakthi S, Vishwa S, Senthil K
02.50 pm	CS 5036	A Machine Intelligence Model for Multi-Class Intrusion Detection for Host Machine	Manoj Kumar Singh, Jyotiprakash Patra, Siddharth Choubey
03.05 pm	CS 8005	Xception Outperforms VGG19 and InceptionV3 for Pneumonia Classification in Chest X-Rays	Rupali Vyas, Mr. Deepak Rao Khadatkar
03.20 pm	CS 9232	A Comparative Assessment of Region-based Convolutional Neural Networks for Object Detection in VQA Images	Deepak Suresh Asudani, Naresh Kumar Nagwani, Pradeep Singh
03.35 pm	CS 9277	Performance Evaluation of U-Net and 3D U-Net Architectures on Cardiac MR Image Segmentation	Rajendra Kumar Pandey, Dr. Yogesh Kumar Rathore
03.50 pm	EE 1096	Quadratic Boost Converter Based Dual-Module Solar Microinverter for Off-Grid Application	Ajay Kumar Sahu, Ramnarayan Patel, Lalit Kumar Sahu, Saket Kumar, Yugal Kishor
04.05 pm	EE 2039	Sizing and Performance Analysis of a Stand-Alone PV System with Si-Monocrystalline and Si-Polycrystalline Technologies using PVsyst Software for a Location in Chhattisgarh	Neelam Bora, Swapnajit Pattnaik, Baidyanath Bag, Hira Singh Sachdev
04.20 pm	EE 2040	Implementation and Analysis of V2X Applications for EV Applications	Akash Ganne, Lalit Kumar Sahu
04.35 pm	EE 2041	Design and Implementation of Reconfigurable Battery Pack for EV Applications	Saket Kumar, Lalit Kumar Sahu, Ramnarayan Patel

Session 2: ICECCT #02 - PHYSICAL

Date: 26.06.2024

Time: 02.20 pm to 04.35 pm

Session Coordinator : Dr. Dipti Verma, +91 9893313677

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 9312	An Optimization Approach for Automated Fingerprint Recognition Models Using Deep Learning	A.Vijayalakshmi, V.J.Chakravarthy, T.N.Aruna, Divya.N, M. Seenivasan
02.35 pm	CS 9314	Performance of Batch Arrival Queueing Model with Single Service and Single Vacation with Breakdown and Repair	M.Seenivasan and R.Dhanabhakkiyam
02.50 pm	CS 9136	MOMVO-Based Trajectory Generation For Multi-Target Search By A Swarm of UAVs	Rithwick Sethi, Diksha Chauhan, Tanmay Nassa, Rajesh Rohilla
03.05 pm	CS 9315	M/M/1 Retrial Queueing Model with Single Working Vacation and Feedback	J Shiny Epciya and M Seenivasan
03.20 pm	CS 9258	Single Server Markovian Queueing Model with Different Types of Vacations and Customer's Impatience	M. Seenivasan, R. Ramesh and S. Pandisaranya
03.35 pm	CS 9257	Investigation of M/M/1 Queueing Model with Working Vacation, Balking, Feedback Customers and Server Breakdown	M. Seenivasan, S.Shiventhiradevi and V. Anita
03.50 pm	CS 9266	Queueing Model with Breakdown, Backup server and Feedback	M. Seenivasan, J. Jayaraj, R. Vijayalakshmi, F. Patricia
04.05 pm	CS 9256	Performance Analysis of Various Machine Learning Algorithms for Iris Recognition	Rini Saxena, Ishita Dwivedi, Parul Goyal, Divya Dawar, Avinash Sharma, Tarkeshwar Barua
04.20 pm	EE 2075	Trend analysis of principal crop production and use of modern Technologies in Agriculture: A case study of state Tamilnadu	K Komala Devi, Josephine Prem Kumar

Session 3: ICECCT #03 - PHYSICAL

Date: 26.06.2024

Time: 02.20 pm to 04.45 pm

Session Chairs : Dr. Manish Borwal

Time	Paper ID	Paper Title	Author(s)
02.20 pm	EC 2018	IoT-Powered Energy Management for Smart Grids and Renewable Integration	Dankan Gowda V, Avinash Sharma, Chitta Shyamsunder, Rini Saxena, Tarkeshwar Barua, Khalid Mohiuddin
02.35 pm	EC 2019	IoT and AI-Powered Intrusion Detection for Enhanced Smart Home Security	Dankan Gowda V, Avinash Sharma, VK Satya Prasad, Rini Saxena, Tarkeshwar Barua, Khalid Mohiuddin
02.50 pm	EC 2046	Predicting Suicide Attempts in Adolescence or Young Adulthood: An Early Life Factors Assessment Using TriBranch CNN	T.Balachander, S.Vinod, Denis Shakhov, V. Kalpana, Sweta Priya, H Anwer Basha
03.05 pm	EC 4004	Comparison and Analysis of Multiplier Using Different Adder Techniques	Lingampalli Venkat Laxmi Saikanth, Dhandapani Vaithyanathan, Preeti Verma, Baljit Kaur
03.20 pm	EC 4016	Performance Analysis of Low Ambipolar Current Tunnel Field Effect Transistor	Swant Arya, Dhandapani Vaithyanathan, Baljit Kaur
03.35 pm	EC 4017	Analysis and Performance Evaluation of CFAR Algorithms and Computational Assessment on CPU, GPU and Numba	Utsav Kumar, Pratik Parihar, Dhandapani Vaithyanathan, Preeti Verma, Baljit Kaur
03.50 pm	EE 2011	Model Order Reduction of Renewable Energy Integrated Power System Model	Salik Ram Dewangan, P.D.Dewangan, V.P.Singh
04.05 pm	CS 9273	Automated Classification of ECG Signals for Atrial Fibrillation Detection Using Convolutional Neural Networks	Tirthak Likhari, Arya Kashikar, Sudhanshu Maurya, Kashish Mirza, Prabh Deep Singh, Rupali Atul Mahajan
04.20 pm	CS 9274	Comparative Analysis of Machine Learning Methods for Prediction of Diabetes	Arya Kashikar, Sudhanshu Maurya, Kashish Mirza, Rohan Verma, Ajay Kumar Yadav, Prakash Kumar
04.35 pm	CS 9275	AI and Blockchain for the Security of Decentralized E-Voting System	Laxmi Khilnani, Sudhanshu Maurya, Kashish Mirza, Manish Kumar, Rohan Verma

Session 4: CS01-ONLINE

Date: 26.06.2024

Time: 02.20 pm to 04.32 pm

Session Chair(s) : Dr. Neha Gupta, Symbiosis University of Applied Sciences.

Session Coordinator : Ms. Basanti Minj
+91 9907438169

Session Link: <https://meet.google.com/ixz-rgyy-wdy>

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 1064	Breast Cancer Detection (Mammography) using Machine Learning Algorithm (Random Forest)	Janapala Bharadwaj, Pothamsetty Sai Jyoshna, Srirama Joshna, Doppalapudi Rushmitha
02.32 pm	CS 2010	Enhancing Cassava Plant Disease Detection using Multi-Scale Feature Fusion in DRCNN Models	Talanki S Akshay Kumar, Patibandla Sweety, Jakkula Meghana, Bollineni Kathyayani, Arepalli Gopi
02.44 pm	CS 2029	Predictive Modeling of Student Academic Performance: A Comparative Analysis of Logistic Regression, K-Nearest Neighbors, and Linear Kernel SVM	Pirangi Vijay Kumar, Narender mulugu, Bidush Kumar Sahoo
02.56 pm	CS 2040	A fast-track approach to improving SSVE Precognition accuracy by integrating CCA, L1-MCCA, and RF	Di Deng, Muhammad Usman Shoukat, Yu Cheng, Bingzhao Zhang, Jun Zhan, Lirong Yan
03.08 pm	CS 2070	A Pre-trained InceptionV3 Model for Early Stage Tuberculosis Detection	Rishabh Sharma, Girish Kalele, Shanmugasundaram Hariharan
03.20 pm	CS 2071	Deep Learning for Precise Crop Health - A Detailed Research on Orange Leaf Disease Detection and Severity Classification Using CNN-RNN Models	Rishabh Sharma, Manvinder Brar, Shanmugasundaram Hariharan
03.32 pm	CS 2072	Deep Learning-based VGG19, YOLOv3, and MobileNet Models for Multiclass Skin Disease Classification	Rishabh Sharma, Sahil Khurana, Shanmugasundaram Hariharan

03.44 pm	CS 2073	Advancing Emotion Recognition: CNN-SVM Integration for Facial Expression Analysis	Rishabh Sharma, Sakshi Sobti, Shanmugasundaram Hariharan
03.56 pm	CS 2075	Combining CNN and AdaBoost for Accurate Chicory Variety Categorization	Rishabh Sharma, Nishant Bhardwaj, Shanmugasundaram Hariharan
04.08 pm	CS 2098	ManuScript Decoder: A CNN-RF Synergy for Enhanced Handwritten Recognition	Shiva Mehta, Saniya Khurana, Vishal Jain
04.20 pm	CS 3014	Malware Detectron: Advancing Malware Detection through Multilevel Deep Learning	Sree Divya.K, S. Sivanantham, K. Amala, Sivakumar Depuru, M. Sakthivel, Basi Reddy. A

Session 5: CS02-ONLINE

Date: 26.06.2024

Time: 02.20 pm to 04.32 pm

Session Chair(s) : Dr. Dipti Chauhan, Prestige Institute of Engineering Management & Research, Indore

Session Coordinator : Mr. Ramakant Ganjeshwar
+91 8305077292

Session Link: <https://meet.google.com/omt-kvud-uyi>

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 3031	A Special Kind of Graph for Public Key, Cryptosystem Type: ElGamal	Ruma Kareem K. Ajeena, Muhaimen K.Shathir, Sara J. Yaqoob
02.32 pm	CS 3037	Efficient Heart Disease Classification Using CNN with Various Machine Learning Techniques	Pradeep Kumar D, K Dharmarajan
02.44 pm	CS 3034	Rural Digital Empowerment: A Flutter Application Framework for Self Help Group	Naga Sushanth Kumar Vuppala, Pappala Kumar Aditya, Sruthy Anand, Ramesh Guntha
02.56 pm	CS 3056	Multi-Modal Integration for Improved Drone Intrusion Detection	Medhovarsh B, A Supreeth Gupta, A Karthik, A Sri Harshitha, Vinitha Panicker J
03.08 pm	CS 3057	Deep Learning for Precision Rice Variety Classification: A Comparative Analysis of CNN Approaches	Yasaswini Bonthu, Akshay M Nair, Gayithri Kandikunta, Prasasya Ayinaparathi, Vinitha Panicker J
03.20 pm	CS 3095	An extensive analysis of AI – Generative Art algorithms	Harshit Bhatt, Archit Agarwal, Rahul Chauhan, Ruchira Rawat
03.32 pm	CS 4006	Robust classification and cluster based Traffic Accident Analysis using machine learning algorithms	Ravindra Changala, Koushik Reddy Chaganti, U Sadhana, A. Naresh, Madugula Yadaiah, K.Gurnadha Gupta
03.44 pm	CS 4015	Predictive Modeling of Water Hardness in Lake: Integrating Correlation and Regression Techniques for Enhanced Understanding	Amit Mittal, Somesh Sharma, Ashish Kumar Saxena, Nikhil Gupta and Pradeep Kumar Sharma

03.56 pm	CS 4037	Deep Learning Models for Kidney Disease Categorization: Distinguishing Stones, Tumors, and Cysts	Gunjan Shandilya, Vatsala Anand, Rahul Chauhan, Hemant Singh Pokhariya, Sheifali Gupta
04.08 pm	CS 4042	AgriVoice: Bridging Literacy Barriers for Farmers	K.Saketh, S.Suhasini, A.Arun, R.Srinu
04.20 pm	CS 4047	Assessing the Efficacy of LLMs in Predicting Mental Health Conditions from Social Media Texts	Sanjay Kumar, Kartik Verma, Karan Gupta

Session 6: CS03-ONLINE

Date: 26.06.2024

Time: 02.20 pm to 04.32 pm

Session Chair(s) : Dr. Rajkumar N, Alliance University, Bangalore

Session Coordinator : Ms. Divya Shukla
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Session Link: <https://meet.google.com/okp-yaao-ytm>

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 4048	Energy-Efficient Workflow Scheduling using Virtual Machine Speed Estimation Method	Rupinder Kaur, Gurjinder Kaur and Major Singh Goraya
02.32 pm	CS 4063	Deep Learning Approaches for Breast Cancer Classification	Ankita Sharma, Sonam Mittal
02.44 pm	CS 4092	Deep learning Scheme for Acquisition Errors Elimination in ECG Data by the Empirical Mode Values of Independent Components Associated Decomposition	Amit Kumar Pandey, C.L.P. Gupta
02.56 pm	CS 4093	ECG based Heart Disease Classification and Prediction using Deep Learning Methods	Pradeep Kumar D, K Dharmarajan
03.08 pm	CS 4094	A Novel Approach for Athlete Recognition Based on Bib Number and Facial Features	Supreet Kaur, Dharamveer Sharma
03.20 pm	CS 5005	Dynamic Hierarchical Feature Integration Model: Advancing Medical Image Classification with Local-Global Fusion	P.Sindhuja, A.Kousalya, A.Jenefa, V.Balajishanmugam
03.32 pm	CS 5006	Evaluating Deep Learning Based SDAE Prediction Techniques for Predictive Modeling of Landslide Susceptibility	Suresh Palarimath, Ullal Akshatha Nayak, Arun Kumar R, E. S. Vinothkumar, Neerav Nishant, K Kartheeban
03.44 pm	CS 5007	Enhanced security in ATM By Face and Iris Recognition Using Improved-KF-RBF Model	A.N.Christy, U. Priya, B.Kayathiri Bai, P.Amalorpavamary, C.Saffina, R. Arun

03.56 pm	CS 5008	Exploring the Nexus Between Socially Responsible Human Resource Management, Employee Green Behavior, Learning Goal Orientation, and Moral Identity: A Novel Perspective Using BSP-CRF Technique	R. Arun, Krishna Mayi, M.Ramesh Naik, Kotigari Reddi Swaroop, Neeraja S Parvataneni, Vadlakonda Kavitha
04.08 pm	CS 5009	On Early Prediction of Risks in Academic Performance for Students Based on Hybrid GBDT-RBM Model	Parijat Saurabh, M.R.Vanithamani, C Jayamala, R.Nadanasabai, Sundarapandiyan, K.C.Prakash
04.20 pm	CS 5010	An Efficient Classification Algorithms for Prediction of Employee Performance Based on Mask RCNN-BiLSTM Technique	Naveen Pol, Kolli Venkatrao, Sweta Priya, E. S. Vinothkumar, B.Rajesh Kumar, S Muthurajan

Session 7: EC01-ONLINE

Date: 26.06.2024

Time: 02.20 pm to 04.56 pm

Session Chairs : Dr. Pasuluri Bindu Swetha,
Vardhaman College of Engineering, Hyderabad

Session Coordinator : Ms. Shivangi Chandrakar
+91-7869135921

Session Link: <https://meet.google.com/xnc-iain-pfz>

Time	Paper ID	Paper Title	Author(s)
02.20 pm	CS 7025	Pre-Processing Irrelevant Information from Melanoma Infected Human Skin Images using Image Processing Techniques	M. Selvadurai, Perumal .S
02.32 pm	CS 9141	An Improved Cybersecurity Norms to Develop Data Communication Strategy over Adaptive Vehicular Networks	M.Balasubramani, T. Vaishnavi, K. Kalaiselvi, C.Vennila, Phaneendra Kurada, G Kumaran
02.44 pm	EC 1030	Face Mask Detection Model to Curb the Spread of COVID-19 using Deep Learning Techniques	Sri Anjaneyulu Uppalapati, Bhavana V, Lanka Gurmitha Reddy, Konanaki Goutham Chowdary
02.56 pm	EC 1040	Encrypting text using the Advanced Encryption Standard (AES) with 16 rounds and adaptive key.	K.Ravindra Reddy, Vijaya Lakshmi.P
03.08 pm	EC 1061	CMOS Design Trade Offs in Monolithic 3D ICs	Asif Rais, Gagnesh Kumar
03.20 pm	EC 1085	Applications of Optical Inter-Satellite Links for Improved Navigation	Shivam Bhutiani, Vikas Agrawal, Pranav Kumar Pandey, M Senthil Kumar
03.32 pm	EC 2002	A dual slot Microstrip Patch Antenna with an airgap for S-Band applications	Aluru Sushanth Chowdary, Samala Maneesh Reddy, Atcha Surya Varun Varma, Kumari Manisha, Ch. Usha Kumari

03.44 pm	EC 2014	AI-enabled Pneumonia Diagnosis	Kunal Mundra, Gaurav Sharma, Vibha Patel
03.56 pm	EC 2016	Cuffless BP measurement using AI Techniques.	Chodavarapu Tejaswi, Ramakrishnan Maharajan
04.08 pm	EC 2021	Analysis of Image Captioning model through different Image Feature extraction through different Image Feature extraction	Raghavendra.M.J, Mohammed Salman Pasha, Anand Dharmappa Lamani, Bushana Kumar P, B Niranjana Krupa
04.20 pm	EC 2033	Analysis of the time domain feature extraction method from long-duration EEG signals for seizure detection	Sandeep Kumar Saini, Garima Chandel
04.32 pm	EC 2035	-An Optimized Approximate Distributed Arithmetic Based Fractional Delay Filter with Parallel Prefix Adders	Suma Nair, Britto Pari J
04.44 pm	EC 1098	An Intelligent Channel Allocation and Spectrum Sensing Model over Cognitive Femtocell Networks for 5G Driven Applications	V.Usharani, Tusharkant Panda, Kusuma Kumari

Session 8: EC02-ONLINE

Date: 26.06.2024

Time: 02.20 pm to 04.56 pm

Session Chairs : Dr. G. Jaffino, Vellore Institute of Technology, Vellore

Session Coordinator : Mr. Thaneshwar Sahu
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Session Link: <https://meet.google.com/nqp-nfdz-mfg>

Time	Paper ID	Paper Title	Author(s)
02.20 pm	EC 2040	Two-Port Antenna with Enhanced Front-to-Back Ratio for X-Band Applications	Murugeswari S, K. Padmapriya, T.Senthil, G.Jayahari Prabhu, Rajesh Kumar D
02.32 pm	EC 2045	An Innovative Method to Predict Suicide Attempts from social media Based on BP-RBM Approach	S. Senthamil Kumar, Manthan S., L.N.Jayanthi, Nirmala Devi M, Arul Mary Remy V, Shanker Chandre
02.44 pm	EC 2059	Ensemble Learning for Multiclass Breast Cancer Detection and Classification Using Pre-trained Inception-ResNet	Aiswarya S, Akshita Singh, Ashishkrishnan V S, Sneha M L, Manazhy Rashmi
02.56 pm	EC 2066	Intelligent Intrusion Detection System for WSNs in Next-Generation Wireless Networks Based on LSTM-GRU Architecture	K. Nitya, S. Venkatesan, B. Nancharaiah
03.08 pm	EC 2083	Person Identification Through Voice Using Resource Constrained Device and Tiny Machine Learning	Vinod. K. S, E. D. Kanmani Ruby
03.20 pm	EC 2084	Performance analysis of Energy Efficient Routing Protocol using Enhanced LEACH (E-LEACH) in Wireless Sensor Networks	Sengottaiyan.N, Aarthi. K, Vanathi.D
03.32 pm	EC 2085	Improved Network lifetime using Cluster Based Power-Aware Balanced Routing Protocol for Device to Device Communication	Aarthi. K.Thirumoorthy P, Tamizharasu. K, Manoja. R, Kalyanasundaram.P, Rajasekar.M

03.44 pm	EC 2086	FPGA Based Design of Myocardial Infarction Detection System	Gokul U, Prayag Sujith, Arunaachalam M, Sarada
03.56 pm	EC 2089	FPGA Implementation of Optimized Power Spectral Density Using Modified Welch's Method	Suma Nair, Britto Pari J
04.08 pm	EC 2096	Automated Diagnostic tool For Accurate Detection and Classification of Diabetic Retinopathy, Glaucoma and Cataract Using ResNet-152 and CNN Algorithm	Nanduri Sobhanadri Anirudh, Thota Sreejith, Nittala Lakshmi Meghana, Mopidevi Suneetha, K.Jamal
04.20 pm	EC 2097	Automated Anemia Detection: Machine Learning Approach	Chaithanya J, Sathvi Rai, A K Hithesh, Ashwin M, Roopashree Nayak
04.32 pm	EC 3005	Enhanced Performance and Analysis of Organic Thin-Film Transistor Using Dual-gate Structure	S. Manasaa, Shubham Negi, Garima Chandel
04.44 pm	EC 4025	Rectangular Microstrip Patch Antenna design for Low Frequency (905 Mhz) using FR4 Material	Hareshwar Kumar Rathi, Prashant Dwivedi, Indrajeet kumar, Bibhudendra Acharya

Session 9: CS04-ONLINE

Date: 27.06.2024

Time: 11.00 am to 01.35 pm

Session Chair(s) : Dr. Likewin Thomas, AI & ML, PES Institute of Technology & Management, Shivamogga

Session Coordinator : Dr. Nachiket Tapas
+91 6261597493

Session Link: <https://meet.google.com/ffj-hobj-sgu>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 5011	Towards Energy-Efficient Computing: A Precision-Scalable SAE-Subspace KNN Methodology	Raju K, Ranjan Kumar H S, Guru Prasad M S, Chandrappa S, Sunil Kumar. B.L., Ramakrishna
11.22 am	CS 5014	Predicting Cybersecurity Attacks in Internet of Things using CNN-LSTM with HABCABO Method: A Systematic Approach	M.Rani, Arul Mary Remy V, Priyanka D. Halle, Jyoti Kaushal, Amit Chauhan, H Anwer Basha
11.34 am	CS 5018	Efficient Method to Classify Lung Cancer from CT Images Based on ARIMA-CF-LSTM Approach	D Suganthi, S.Tamijeselvan, Divyashree D, P Mounika,
11.46 am	CS 5022	Smart Facial Expression Analysis: Fuzzy Extreme Learning Machine in Emotion Detection	Subha B, Deepak Asrani, Shailesh Singh Thakur, Purnendu Bikash Acharjee, Swapnil Shukla, D. Suganthi
11.58 am	CS 5049	Customisable Real-Time Unique Password Generation System using Dynamic Mathematical Functions	Yash Bohra, Moorthi K, Sourav Kumar Patra
12.10 pm	CS 5050	Empirical Analysis of Generative Adversarial Networks for Facial Image Generation	Sanya Gupta, Ritika Garg and Rahul Katarya
12.22 pm	CS 5055	Noise Integrated Data Perturbation Technique to Design and Develop an Effective Privacy Preservation Approach	Shailesh Kumar Vyas, Swapnili Karmore

12.34 pm	CS 5066	An empirical study on Indian Stocks and Portfolio Construction using PSO technique	Nikhitha Pai, V. Ilango
12.46 pm	CS 5072	Redefining Food Delivery through Dialogflow Chatbots and Advanced Language Models	Ganeshayya Shidaganti, Pathanjali Harebailu, Kishore Kumar K, Mohammad Akmal, Nagesh D
12.58 pm	CS 5073	Spatial Graph sketch Synthesis for fake faces identification in authentication system using Graph-based Auto Encoders	Narasimhula Balayesu, S.K. Satpathy
01.10 pm	CS 5077	RentLens: A Predictive Modeling Approach for House Rent Prediction Using Random Forest Regression	Nongmeikapam Thoiba Singh, Ayushi, Manpreet Kaur, Aman Shrivastava, Manoj Wadhwa
01.22 pm	CS 9292	Comparative Analysis of Semantic Segmentation Methods for Weed and Crop Detection in Precision Agriculture	Naman Bhatia, Sunil Kumar

Session 10: CS05-ONLINE

Date: 27.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr. Sujatha, Head-CSE, Sengunthar Engineering College,

Session Coordinator : Ms. Basanti Minj
+91 9907438169

Session Link: <https://meet.google.com/ixz-rgyy-wdy>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 5081	CADAE: Cybercrime Attack Detection using Autoencoders based on Temporal Features	Yerinti Venkata Narayana, Mooramreddy Sreedevi
11.22 am	CS 5090	Predicting phishing links using decision trees for secure user authentication	Orlov Vasiliy Alekseevich, Kukartsev Vladislav Viktorovich, Stepanova Elina Vyacheslavovna, TynchenkoYadviga Aleksandrovna and Kozlova Anastasia Vasilyevna
11.34 am	CS 5095	Comparative Study of Pre-Trained Deep Learning Models on Predicting Glaucoma Using Full Fundus Image Dataset	P A Abekaesh, Dhanush Kumar G, Sahasra Meka, Jagruthi Gontu, Govind Murali, Vinitha Panicker J
11.46 am	CS 6002	An Efficient Approach to Image Captioning using Hybrid Deep Neural Networks and Paraphrasing	Sarang P. Karun, Adithya V.
11.58 am	CS 6010	An AI Based Skin Cancer Detection System.	S.Anoosha, D.Niharika, M.Divya, K.Suprathika, K.Tejaswini
12.10 pm	CS 6024	A Novel Reversible Image Watermarking Technique using lightweight Cryptography	Sidharth Soni, Rohit Gupta, Sandeep Kumar Tiwari

12.22 pm	CS 6030	Advancing Gender Prediction and Lexical Profiling in French Literature using Neural Network Techniques	Vaishnavi Gogineni, Yamarthi Narasimha Rao ,Venkata Charan Sathvik Rekapalli , Sai Spandana Gogineni ,
12.34 pm	CS 6032	Optuna Optimized Deep Learning Model for IoT Cyber Attack Detection	Akshat Gaurav, Brij B. Gupta, Varsha Arya, Kwok Tai Chui
12.46 pm	CS 6043	Performance vs Computational Cost Analysis of Popular Vision Models in Deepfake Detection	Shriya Goyal, Vikrant Kumar, Satyam Kumar, Dinesh Kumar Vishwakarma
12.58 pm	CS 6044	A Deep Learning Approach for an Early Diagnosis of Pancreatic Cancer Using Hybrid Sparrow Search Algorithm	J. Avanija, K.Manaswini, D.Bharath Kumar, J.Kethan, L.Naga Sai Kavya
01.10 pm	CS 6046	Vision Transformer Enhanced Lung Nodule Detection utilizing Avian Optimization Model	J.Avanija, Gudipati Vamsi Krishna, Gunda Uday Manish, Kodathala Bhavana Reddy, Kuchi Vaishnavi
01.22 pm	CS 9226	Machine Learning strategies using Extra Tree Regression analysis for Atrazine Herbicide removal	Sai Venkata Surya punugoti, Dhruv Kumar, Kevin Mathew and Meena Vangalapati

Session 11: CS06-ONLINE

Date: 27.06.2024

Time: 11.10 am to 01.30 pm

Session Chairs : Dr. N.Yuvraj, Vellore Institute of Technology, Vellore

Session Coordinator : Mr. Ramakant Ganjeshwar
+91 8305077292

Session Link: <https://meet.google.com/omt-kvud-uyi>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 6065	Securing Medical Image: Deep Steganography with Style-Encrypted Framework	Judy S, Rashmita Khilar
11.22 am	CS 6069	An approach to Chatbot for Reservations Hub	Prince Gupta, Akash Goel, Ashima Arya, Swasti Singhal
11.34 am	CS 6072	Weed detection using Fast RCNN with object detection algorithms	Gautam Yadav, Shlok Singh, Hemavathi
11.46 am	CS 6085	Implementation of Machine Learning Architecture for Default Prediction in Peer-to-Peer Lending	Pranjal Singla, Siddharth Bose, Utkarsh Pandey, Anamika Chauhan
11.58 am	CS 6093	AI Approach for Predicting Sleep Disorder: An Analysis of Lifestyle and Medical Variables	Aniket K Shahade, Priyanka V Deshmukh
12.10 pm	CS 7001	Detection of Fraudulent Credit Card Transactions using Machine Learning and Deep Learning Techniques	Alongbar Wary, Anisha Singh Oberoi, Abhilash and Surbhi Sinha
12.22 pm	CS 8002	Navigational Efficiency Enhancement through Instruction-Based Learning in Autonomous Cars	Indhumathi S, C P Thamilselvi, J.Biju, Aarthi. T, Akshya. J, Mani Deepak Choudhry, M.Sundarrajan

12.34 pm	CS 8006	Landslide Forecasting using U-Net3+ and EfficientNet B0 Unet	Gaurav Kumar Saini, Inderdeep Kaur, Paurav Goel
12.46 pm	CS 9001	An Exploratory Study of Transformers in the Summarization of News Articles	Sai Bhavana Chundururu, Naga Venkata Mani Charan Jaladhi, Prashanth Kalluri, Lakshmi Sowjanya Lingineni, Venkatrama Phani Kumar S, Venkata Krishna Kishore
12.58 pm	CS 9002	A Study on usage of various Deep Learning models for Multi Document Summarization	Madhu Kiran Eluri, Yaswanth Sri Vuyyuru, Sankeerthan Reddy Bonthu, Sri Lakshmi Narendra Mandapati, Venkatrama Phani Kumar, Venkata Krishna Kishore K
01.10 pm	CS 9203	Convolutional Neural Networks with Efficient Net Model for Early Alzheimer's Detection	Gudditi Chetan, Kotha Lavanya, Beebi Naseeba, Nagendra Panini Challa, Bollapalli Althaph
01.22 pm	CS 5058	Providing Highest Privacy Preservation Framework for Achieving Privacy in Vast Confidential Data	Pinkal Jain, Vikas Thada, Ajay Lala

Session 12: CS07-ONLINE

Date: 27.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr. Sri Preethaa K R, Vellore Institute of Technology, Vellore

Session Coordinator : Ms. Divya Shukla
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Session Link: <https://meet.google.com/okp-yao-ytm>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 9008	An Optimized Cosine and Hamming Distances based Method for Heavily Pigmented Iris Recognition	Prajwalasimha S N, Naveen Kulkarni, Deepthika Karuppusamy, T.Vanaja
11.22 am	CS 9026	Kannada Handwritten Digits Recognition using Deep Learning	Dr Jayasri B S, Anagha Mohan, Ananya M, Gauri V, Aditi V Pogal
11.34 am	CS 9034	Quasi Newton Algorithm Based Back Propagation Approach for Forecasting Cloud Workloads.	Aarti Kshattriya, Vijay K. Malviya, Pratyush Sharma
11.46 am	CS 9047	Boosting the Wheat Crop Nutrition by Controlling Nitrogen Deficiency and Rust using DenseNet121	Manvi Rathore, Shruti Rana, Aditi Jangra and Brijesh Kumar
11.58 am	CS 9059	A Proactive Security Mechanism for Wireless Networks Employing Channel State Information	Navashish Kaur, Dinesh Kumar
12.10 pm	CS 9063	Transforming Clinical Decision Support: Harnessing Knowledge Graphs, Large Language Models, and Visualization	Jithin John, Karan R Jayan, Sandhya Harikumar
12.22 pm	CS 9066	Convolutional Transformer based approach for aspect-based sentiment analysis on consumer product reviews	V Vamsi Krishna T, K.V. Krishna Kishore

12.34 pm	CS 9067	Performance analysis of ML and DL models on 5G bands: An experimental study	Avuthu Avinash Reddy, Katam Vital Sai, Gandlapalli V S Akshay and Ramesh Babu Battula
12.46 pm	CS 9083	Predictive Health Mate: Harnessing Machine Learning for Disease Prognosis and Prevention on Android Device	Abhishek Roushan, Gurmeet Kaur, Inderdeep Kaur, Vatsala Singh, Harsh Yadav, Yash Srivastava
12.58 pm	CS 9099	NeuroLensML: Enhancing Brain Tumour Diagnosis With Machine Learning	P Jhansi Lakshmi, Uttej Kumar Nannapaneni, V Nanda Kishore, M Shrilekha, A Lakshmana Sagar
01.10 pm	CS 9102	Facial Sketch Recognition Using GAN and Fuzzy Hamming Distance	Guggilam Navya, Vuyyuru Lakshmi Sai Rami Reddy, Ravipati Giridhar, Ghanta Hem Ratna Sai
01.22 pm	CS 9216	Innovative Disease Detection in Sunflower Leaves: Integrating CNNs and SVMs	Ricky Rajora, Deepak Banerjee, Rahul Chauhan, Mukesh Singh, Aarju Rajora

Session 13: EC03-ONLINE

Date: 27.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr. K. Dhayalini,
K. Ramakrishnan College of Engineering, Trichy

Session Coordinator : Ms. Shivangi Chandrakar
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Session Link: <https://meet.google.com/xnc-iain-pfz>

Time	Paper ID	Paper Title	Author(s)
11.10 am	EC 3007	Dual-Layer Cavity Backed Circular SIW Antenna for 5G Smart-Watches	Ashutosh Srivastava, K. Venkateswaran
11.22 am	EC 3012	Engineered-Metasurfaces: Maximizing Monopole Antenna's Usage from Applications Perspective	V. Prakash, SK. Ahamed Alisha, Bikash Ranjan Behera, and J. Arun Kumar
11.34 am	EC 3018	Performance Study of Spectrum Sensing in 5G Cognitive Radio Networks	Chanamala Vijay, Rajagiri Vaishnavi, Nakka Srikar Sarath Chandra, Manda Jhansi Laxmi, Komakula Uday Krishna
11.46 am	EC 3029	Maximizing Communication Performance: A Comparative Analysis of Passive Beamforming Optimization Techniques in Reconfigurable Intelligent Surfaces	Krishna Teja Yadav CH T, Venkateswaran K
11.58 am	EC 3033	Enhanced ECG Anomaly Detection: A Novel Attention Mechanism Based Convolutional Neural Network for Precise Ventricular and Supraventricular Ectopic Beats Classification	R. Mohanraj, R. Sathesh Raaj, J. Arun Kumar, R. Megala, K. Rajesh, S. Anupallavi
12.10 pm	EC 3034	Re-configurable Frequency Selective Surface For 5G Communications	Parimi Naga Phanindra, Kalluru Mahesh Kumar Reddy, Katreddy Jyothi Prakash, S.Bashyam

12.22 pm	EC 3038	Classification of Autism Spectrum Disorder using Machine Learning Framework	P. Yugander and M. Jagannath
12.34 pm	EC 3040	Deep Learning-Plant Leaf Analysis and Remediation System: A CNN and Inception V3 Approach with Flask Integration	Vasundhara, Akana Sunil Kumar
12.46 pm	EC 3050	The Orthogonal CPW-Fed MIMO Antenna for Wireless 5G Applications	Sateesh Virothu, M Uday Kiran, Sailaja Kothara, Y Lalitha Geeta Sri, K Mohan, Satya Pavan
12.58 pm	EC 3053	A compact Fractal loaded monopole antenna with reconfigurable band rejection capability characteristics for SWB applications	Ranjana Kumari, Ruchi Agrawal, Sukanya Pramanik, Shachee Mishra, Shreya Raj
01.10 pm	EC 3060	High Isolation & High Gain Multilayered SIW based MIMO Antenna for Sub-THz Applications	Ranjana Kumari, Ruchi Agarwal, Ayush Patel, Ayush Kumar Singh and Devanshu Kasera
01.22 pm	EC 4020	Performance Analysis of Distributed Decision Fusion Over Non-Ideal Communication Channels in Wireless Sensor Networks	B Victoria Jancee, Abishek S, Gunasekaran V

Session 14: EE01- ONLINE

Date: 27.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr. Shimpy Ralhan
: Shri Shankaracharya Technical Campus, Bhilai

Session Coordinator : Ms. Purvi Chandrakar
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Session Link: <https://meet.google.com/nqp-nfdz-mfg>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 2024	Permanent magnet synchronous motor rotor position estimation using Radio Frequency signal	Rathnakar G, Mukesh Singh, Smitha K, Hariharan N, Warish Patel, Ramya Maranan
11.22 am	CS 6071	Comparative Analysis of Two-Area Load Frequency Control: Fractional Order PID vs Traditional PID Controllers	Anand Kumar Gupta, Amit Mittal, Sarabjit Singh, Komal Mehra, Akansha Srivastav, Shweta Goyal
11.34 am	CS 6078	Enhancing efficiency of lead-free perovskite solar cell by varying thickness, layer combination and back contact work function	Lakshit Sachdeva, Eshaan Sarkhawas, Anannya Samudra, Tista Basak
11.46 am	CS 6094	Selection of Power Grids (PGs) using the Single-Valued Ambiguous Fuzzy Entropy and Distance Measures	Sandeep Kumar, Madan Mohan Sati, Pragati Sinha, Tripuresh Joshi, Pushpendra Singh Kharayat, Sanjeev Kumar Saxena
11.58 am	EC 4009	Design of AI & ML based Predictive Models for Nuclear Power Plants	Sandeep Kumar Sunori, Amit Mittal, Pradeep Juneja
12.10 pm	EE 1003	Magnetic Refrigeration for Defence Application	M. Priyadharsini, Sunil Gupta, Manoj Gupta
12.22 pm	EE 1006	Voltage Lifting Technique for Non-Isolated Boost DC/DC Converter: Analysis, Design and Implementation	Omar Muhammed Neda

12.34 pm	EE 1010	High Voltage Testing of Liquid Dielectrics in a Vertically Mounted Electrode Configuration	Pon Gnanadhas, Manikandan
12.46 pm	EE 1024	Voltage profile improvement in critical feeders by the incorporation of Dynamic Voltage Restorers applying feedback control model	Madián Tito, Manuel Jaramillo, Diego Carrión
12.58 pm	EE 1027	Virtual Modeling and Simulation of DC motor Dynamics	Abhishek S S, Anand P S, Jithesh C, Vignesh V S, Sreeram K, Preetha P K
01.10 pm	EE 2052	Role of Factors Influencing the Adoption of Solar Energy among Undergraduate Students	Kimaya Nahar, Madhura Ranade
01.22 pm	EC 4023	90nm Nulling Miller-RC Compensation Based Two-Stage Operational Transconductance Amplifier (OTA) For Low Power Battery Operated Biomedical EEG Device Applications	Chudamani Sahu, Prashant Dwivedi, Indrajeet Kumar and Bibhubendra Acharya

Session 15: CS08-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr Sudhanshu Maurya,
Symbiosis International (Deemed University), Maharashtra

Session Coordinator : Dr. Nachiket Tapas
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Session Link: <https://meet.google.com/ffj-hobj-sgu>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 9108	Integrating Machine Learning with Drone Technology for Precision Crop Health Monitoring and Optimized Pesticide Management	D Surya Mani Durga Prasad Joginnesi, Md Shamsul Haque Ansari, Lingineni Hari Venkata Sai, Narendra Kumar Pasupuleti, Gandham Chiruhara gopal
11.22 am	CS 9116	Optimized Vehicle Number Plate Recognition with Single Shot Detection and Image Processing	Deepak Kumar, Raman Verma, Vishal Jain
11.34 am	CS 9142	Enhanced Task Optimization and Scheduling over Cloud Computing Environment using Resource Allocation Strategy	A.Hency Juliet, A. Kanimozhi, Saranya.D, K.Senthamilselvan, Haribabu.K, G Kumaran
11.46 am	CS 9151	Intelligent Imaging: Reinforcement Learning-Based DQA-DQN for Brain Tumor Detection	Jatin Sharma, Deepak Kumar, Sanjay Bhatnagar, Vishal Jain
11.58 am	CS 9160	Implementing Car Parking Counters: AI-Driven Analysis with Image Processing Algorithms	Abhishek Tripathi, Ajay Sai Velampalli, Dhiraj K Patel, Kurmana Jagadish, Ch Kiran Reddy, Shubham Anjankar
12.10 pm	CS 9185	An Analog PLL design using a Gate Switched Charge Pump for 2GHz Frequency Band	Sayali Pralhad Joshi, Vibha Vyas, Vaishali Ingale, Manoj Soman, Vanita Agarwal

12.22 pm	CS 9193	Image Processing for Facial Recognition in Low Light Conditions	Ishika Pandey, Shreya De, Mridu Pant and Brijesh Kumar
12.34 pm	CS 9217	A Novel Approach to IoT based Plant Health Monitoring System Based on MLR-RBF Approach	Ashok Kumar Koshariya, Vatsala Tomar, S.Vizhiyarasi, Uma R. Patil, S.Sakthivel, Neerav Nishant
12.46 pm	CS 9218	Securing the IoT Horizon: Decoding Family of DDoS Attacks Through Innovative Learning Strategies for Intrusion Detection	Aadil Khan, Deepali Gupta, Monica Dutta
12.58 pm	CS 9220	Maximizing Detection Accuracy of Mirai Botnet Variants with ANN and Random Forest Fusion	Aadil Khan, Ishu Sharma
01.10 pm	CS 9221	An Efficient Method for Heart and Lung Disease Classification Using Siasme-BiLSTM Model	P. Saravanabhava, Sowparnika B, Baseera A, N Aparna, Jyoti Prasad Patra, Neerav Nishant
01.22 pm	CS 9271	A New Abstraction of Double XRAMA Distribution and its Applications using R	R. Elangovan

Session 16: CS09-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs : Dr. Charan Panem Arur,
National Forensic Sciences University, Tripura

Session Coordinator : Ms. Basanti Minj
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Session Link: <https://meet.google.com/ixz-rgyy-wdy>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 9222	An Approach to Predict Election Candidate using Voter Opinion and Sentiment Analysis	R. Kanagaraj, N. Dhyana Sai, K. Bindhu Sree, Kolla Kranthi Priya
11.22 am	CS 9244	Enhancing Cervical Spine Fracture Prediction with Transfer Learning: A MobileNetV2 Approach	Vishesh Tanwar, Vatsala Anand, Bhanu Sharma
11.34 am	CS 9252	Enhancing NLP Models with Reinforcement Learning: From Syntax to Semantics in Named Entity Recognition	Himanshu Singh, Shubham Rajendra Ekatpure, Malika Ara, Karamvir Singh, Sahil Bhatt and Jyoti Parashar
11.46 am	CS 9190	Advancing Watermarking Techniques for Medical Ultrasound Images: A Comprehensive Comparative Analysis	Barkha Sahu, Neeraj Kumar Rathore, A-bhishek Bansal
11.58 am	CS 9262	Bone Fracture Classification using Integrated Rexnet-150 model with GradCAM Visualization	Shikha Prasher, Leema Nelson, Deepak Arumugam
12.10 pm	CS 9263	HR Pulse Analyzer: Using Insights to Power Decision-making	Shelly Sachdeva, Bikramaditya Chakraborty , Anurag Gupta

12.22 pm	CS 9233	Revolutionizing Marketing Strategies with t-SNE for In-Depth Customer Segmentation Analysis.	Nawab Akram, R.Karthi, Priyanka Rana, Kritika Negi, Shobhit Garg, Venkata Ramana K
12.34 pm	CS 9260	Early Stage Diabetes Risk prediction Using Machine Learning Algorithms	Shikha Prasher, Leema Nelson, Deepak Arumugam
12.46 pm	CS 9264	Analysis of a Single Server Markovian Queueing Model With Two Phases of Service, Working Vacation, System Disaster and Customer Balking	K. Baby Saroja, V. Suvitha
12.58 pm	CS 9265	Wireless Sensor Network Node Deployment Optimization with Bat Algorithm	Rahul Priyadarshi, Anish Kumar Vishwakarma, Rakesh Ranjan, Amarana Prabhakara Rao
01.10 pm	SS2_006	Trend analysis of principal crop production and use of modern Technologies in Agriculture: A case study of state Tamilnadu	K Komala Devi, Josephine Prem Kumar
01.22 pm	CS 9294	American Sign Language Recognition System Using Convolutional Neural Network	Raghav Sampath, G Jaffino, Aditya Verma, Soorya P Kabir, Archit Patro, Aaron Abhishay

Session 17: EC04-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs

: Dr. D. Vaithyanathan,
National Institute of Technology, Delhi

Session Coordinator

: Ms. Shivangi Chandrakar
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Session Link: <https://meet.google.com/xnc-iain-pfz>

Time	Paper ID	Paper Title	Author(s)
11.10 am	EC 3065	Design of Analog to Digital Converters Employing Recursive Noise Filtering Based SDMs	Hemlata Bhagat, Ashish Raghuwanshi
11.22 am	EC 3067	Enhanced Fast-Transient LDO Design with Low-Impedance Buffer and Self-Feedback Transistor	Pooja Vyankat Sawalkar, Ashwini Andurkar, Shridhar Katakdhond
11.34 am	EC 3071	Advancements in Optical Low-pass Filter Design and Integration using Opti-system	Rani Ankita, Somnath Sengupta
11.46 am	EC 3089	Guava (Psidium Guajava) Disease Detection Using CNN	Hemasri Cheekati, Preeti Verma, Dhandapani Vaithyanathan,
11.58 am	EC 3092	Prediction of Human Animal Conflict through Machine Learning based HAR Algorithm	Preethi D, Valarmathi RS, Sreelakshmy R, Gnanaprakash V, Sasikala G, Sivakumar SA
12.10 pm	EC 3095	Enhanced Frequency Response of Two-Stage Amplifier using Cascode Current Mirror and Resistor	Rohit Kumar Rai, Om Krishna Gupta
12.22 pm	EC 3096	Collaborative Recommender Systems for Building Automation: A FC-RBF Approach	Davinder Kumar, Akabarsaheb Babulal Nadaf, M. Karthick Raja, Kotte Amaranadha Reddy, S.Vizhiyarasi, H Anwer Basha

12.34 pm	EC 3097	An Efficient Method for Bridge Condition Assessment from dynamic response of a passing vehicle Based on KNN-SVM Approach	Uppara Raghu Babu, Ankit Kumar, Amit Kumar Sharma, Kookutla Ramesh, Kirubakaran D, Chetan S. Chavan
12.46 pm	EC 4001	Exploring the Use of Approximate Parallel Prefix Adders for Error Tolerant Applications	Anusuya T, S.Kavitha
12.58 pm	EC 4002	Enhanced 4:2 Energy-Efficient Compressors for Error-Tolerant Applications in Image Processing	M. Niraikalai, C.N.Marimuthu
01.10 pm	EC 4019	Recent advancements in tuning optical properties of bimetallic nanostructures using galvanic replacement	Soumili Roy and Abhishek Kumar
01.22 pm	CS 9307	Cost Model for Schema Choices: Performance and Trade Analysis	Hardik Bansal, Shelly Sachdeva, Neha Bansal

Session 18: EE02-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.20 pm

Session Chairs : Dr. Prasanta Jena

Session Coordinator : Ms. Purvi Chandrakar
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Session Link: <https://meet.google.com/nqp-nfdz-mfg>

Time	Paper ID	Paper Title	Author(s)
11.10 am	EE 1032	Performance Characteristics of Load Frequency Control with Different Types of Controllers for Two Area Inter-connected Power System Network	Kanak Gahlaut, Arun Kumar Mourya, Hemant Ahuja
11.22 am	EE 1068	Research a Solution for Applying Multi-Functional Energy Meters in Ship Power Management Systems	Khanh Doan Huu, Vinh Ngo Quang
11.34 am	EE 1071	Investigation of a 2.2 kW Three Phase Induction Motor using Direct Torque Control for EV Applications	Richa Dubey, Ankurkumar Pramodbhai Desai
11.46 am	EE 1073	Fuzzy-Neural Network for MPPT in Hybrid Renewable generation under Partial Shading	Abhishek Kumar Sahu, Durga Sharma ,Anup Mishra
11.58 am	EE 1079	Latency Analysis of CRC Codes and Linear Block Codes	Anamay Marathe, Rohith Shreebhashyam, Runa Kumari
12.10 pm	EE 1080	Piecewise Linearization for Negative Temperature Coefficient Thermistors	Sri Charan S, Hansika M, Jayapriya M, Vijayalaxmi M
12.22 pm	EE 1083	Combined Voltage And Load Frequency Control of Two Area Interconnected Power System with PID Controller	Kanak Gahlaut, Arun Kumar Maurya, Hemant Ahuja

12.34 pm	EE 2017	Resilient Control Strategies for Renewable-Powered EV Charging in DC Microgrids	Akshay Anand, Ayush Soni, Apoorva Sagar, Shatakshi, Mini Sreejeth
12.46 pm	EE 2019	Study and Analysis of Hydropower Generation Prediction Using Machine Learning Algorithm	Sujit Jha, Deepa K., S.Tresa Sangeetha
12.58 pm	EE 2028	Design & Development of Wired Rover for Inspection and Maintenance Purpose of Pipelines	Aditya Chaubey, Shivansh Binani, Ruchira
01.10 pm	EE 2043	A comparative study on tuning the optical characteristics of spray pyrolysis deposited V ₂ O ₅ using Cd and Co dopants	Niju Rajan, D V Manjunatha

Session 19: CS10-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.10 pm

Session Chairs : Dr. N. Shanthi, Kongu Engineering College, Erode

Session Coordinator : Mr. Ramakant Ganjeshwar
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Session Link: <https://meet.google.com/omt-kvud-uyi>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 4080	Exploring the Role of Feature Selection in Developing Robust Cardiovascular Disease Prediction Models	Devabattini Naga Divya, Kamepalli Sujatha
11.22 am	CS 6098	Deep Learning-Based Methods for Exceptionally Precise Pneumonia Detection in Chest X-Ray Pictures	Mahitha Vasireddy, N. Veeranjanyulu, Sujatha Kamepalli
11.34 am	CS 8004	Customized CNN Models for Diabetic Retinopathy Detection: A Comparative Study of Architectural Approaches	Kamepalli Sujatha, Boyapati Charani Chowdary
11.46 am	CS 9039	Leveraging Machine Learning to Improve Early Detection of Thyroid Cancer	Gopi Babu Kanna, Sujatha Kamepalli
11.58 am	CS 9270	House Recommendation system using Hybrid Clustering	Vijaya Shetty S, Shruthi Shetty J, Sujata Joshi, Nirmala JS, Avinash Raj, Shubh Chokhani
12.10 pm	CS 9279	Deep Learning Techniques for Retinal Blood Vessel Segmentation	Shubhi Srivastava, Anilkumar K B, Amit Swamy, S. Latha, Prachi Ramesh Patil, Warish Patel
12.22 pm	CS 9281	Convolutional neural networks techniques for recognizing and detecting doors and stairs to assist disabled visuals	Aruna Bajpai, Yogesh Kumar Sharma, Samiksha Khule, Vijay Prakash Sharma, Gaurav Dubey, Rishi Soni

12.34 pm	CS 9283	Hip cartilage segmentation in knee MRI images	Harshal Patil, Upendra Singh Aswal, Megha J, Bhargav H K, Rayavarapu Veeranjanyulu, Amit Barve
12.46 pm	CS 9288	Efficient Computer Vision Model for Early Diagnosis of Type 2 Diabetes Mellitus Using CNN and SVM Techniques	A.Venkatesan, N.K.Senthil Kumar
12.58 pm	CS 9251	Dialogue Policy Learning: Reinforcement Learning Strategies for Task-Oriented Dialogue Systems in Customer Service	Gaddam Prathik Kumar, Pratiksha Katyayni, Namratha D P, Aryan Saxena, Niteesh Kumar S, Avinash Sharma
01.10 pm	CS 9259	Fraud Unveiled: Leveraging Auto Encoders for Semi-Supervised Credit Card Fraud Detection	Atul Kumar, Kalpna Guleria, Rahul Chauhan, Deepak Upadhyay
01.22 pm	CS 9303	Synthetic Minority Over Sampling Technique-Based Machine Learning Algorithms For Equipment Failure Prediction	Ashutosh Sharma, Lataben J Gadhavi, Abdul Jummarwala, Viraj Choksi

Session 20: CS11-ONLINE

Date: 28.06.2024

Time: 11.10 am to 01.35 pm

Session Chairs

: Dr. Mohana Prabha,
PGP College of Engineering & Technology, Namakkal

Session Coordinator

: Ms. Divya Shukla
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Session Link: <https://meet.google.com/okp-yaa0-ytm>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 9268	Convolutional Neural Network-Based Disease Detection of Potato Plant Leaves	Saurabh Dhanik, Himanshu Pant, Garima Joshi, Praveen Kumar Joshi, Heera Patwal, Himanshu Rai Goyal
11.22 am	CS 9269	Leveraging Automated Machine Learning with TPOT for Predictive Modeling of Soil Fertility	Janmejyay Pant, Rakesh Kumar Sharma, Hitesh Kumar Pant, Devendra Singh, Vinay Kumar Pant, Jaishankar Bhatt
11.34 am	CS 9276	Crop Growth Stage Identification and Mapping using Time series multispectral data	Pavan Kumar Meka, Radhesyam Vaddi, Yesu Raju Parusu
11.46 am	CS 9289	Machine Learning Applications in CSR for Accelerating Sustainability in the Indian Automobile Sector	Kottala Sri Yogi, Dankan Gowda V, Puja Roshani, Ch Shankar, G L N Sravan Kumar, C.Ravindra Murthy
11.58 am	CS 9290	Fault Detection and Localization for Industrial Monitoring in IoT Wireless Sensor Networks with Deep Learning	Harshal Patil, Himanshu Rai Goyal, Suvarna Patil, Praful V. Nandankar, Kumar H S, Swapnil Parikh
12.10 pm	EC 4018	Metamaterial Backed Four-Element Antenna for X-Band Applications	K.Vishnulakshmi, Rajesh Kumar D, Ram Kumar C, Sangeetha V, Kavinilavu A, Murugan C
12.22 pm	EE 2042	Effective Strategies for Mitigating Partial Shading Effects in Photovoltaic Systems	Anil Kumar Rai, Mansi Singh, Vani Bhargava

12.34 pm	CS 8075	Enhancing CPU Performance in Cloud Server using Novel Processor Affinity Algorithm comparing with CPU Scheduling Algorithm	V. Baba Riyaz, Mahaveerakannan R, Anithaashri T.P, K. Sudhakar
12.46 pm	CS 8076	Optimising Security Using Access Control Based on Health Records using AES Compared Over Diffie Hellman Algorithm with upgraded Accuracy	B.Vaishnav, Rajkamal Mahaveerakannan, R K. Sudhakar
12.58 pm	EC 1045	Hybrid Machine Learning with Gravitational Search Optimization for Real-time Heart Patient Monitoring in Cloud Computing Environments	K. Sudhakar, Mahaveerakannan R
01.10 pm	CS 8077	Adapting Bidirectional Encoder Representations from NLP using Bert Algorithm comparing with Novel structBERT Algorithm for Better Accuracy	Bharath, Mahaveerakannan R, K. Sudhakar
01.22 pm	CS 9351	Harnessing Domination Theory: Applications in Modern Trends and Innovations	P.Tharaniya, R.Seethalakshmi, M.Karthikeyan