

# 2024 Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT 2024)

24 - 26, JULY 2024 | Trichy, Tamil Nadu, India

## Program Schedule

Date	Time	Event				
23.07.2024	10.00 am to 04.00 pm	<b>Pre-Conference Workshop on Data-driven research : Leveraging Power BI for enhanced analysis</b> by <b>Ms. K KOMALA DEVI</b> I &E Head, Department of ISE, CMRIT, Bengaluru				
24.07.2024	10.15 am to 11.10 am	Inaugural Function_ICEEICT 2024				
	11.15 am to 11.50 am	<b>Keynote Address #1: Dr. Shahrin Bin Md Ayob</b> University Technology Malaysia				
	11.55 am to 12.30 pm	<b>Keynote Address #2: Dr. Nirmal D</b> Member, EXECOM, IEEE Madras Section				
	02.00 pm to 04.30 pm	Parallel Technical Sessions _Afternoon				
		24CS 1055 24CS 1082 24CS 1092 24CS 2084 24CS 2097 24CS 3072 24CS 3083 24CS 4002 24CS 4005 24CS 2077	24CS 4030 24CS 4036 24CS 5012 24CS 5028 24CS 5040 24CS 5041 24CS 5054 24CS 5055 24CS 5056 24CS 5057	24CS 4019 24CS 5082 24CS 6018 24CS 6019 24CS 6020 24CS 6031 24CS 6045 24CS 7003 24CS 7066	24EC 1039 24EC 1043 24EC 1046 24EC 1048 24EC 1089 24EC 1092 24EC 2004 24EC 2017 24EC 2020 24EC 2022	24EE 1075 24EE 1080 24EE 1081 24EE 1094 24EE 2000 24EE 2013 24EE 2030 24EE 2045 24EE 2050 24EE 2064
25.07.2024	09.20 am to 09.55 am	<b>Keynote Address #3: Dr. Brindha M</b> National Institute of Technology, Trichy				
	10.15 am to 12.45 pm	Parallel Technical Sessions _ Forenoon				
		24CS 5022 24CS 6070 24CS 6078 24CS 6087 24CS 6088 24CS 6092 24CS 7002 24CS 7008 24CS 7015 24CS 7017	24CS 7022 24CS 7023 24CS 7028 24CS 7030 24CS 7031 24CS 7032 24CS 7043 24CS 7045 24CS 7049 24CS 7050	24CS 7054 24CS 7056 24CS 7057 24CS 7061 24CS 7062 24CS 7076 24CS 7081 24CS 7090 24CS 7147	24CS 7149 24CS 7169 24CS 8010 24CS 8011 24CS 8015 24CS 8017 24CS 8034 24CS 8049 24CS 8052 24CS 8055	24CS 8058 24CS 8060 24CS 8061 24CS 8063 24CS 8082 24CS 9013 24CS 9022 24CS 9038 24CS 9044

25.07.2024	01.30 pm to 03.00 pm	<p style="text-align: center;"><b>Panel Discussion:</b>  <b>Title: Future perspectives of Artificial Intelligence in global job market</b></p> <p><b>Experts:</b>  <b>1. Dr. Albert Alexander, VIT University, Vellore (Moderator)</b>  <b>2. Mr Manikandan P, Chief Technology Officer, CodenPlay Robotics, Bangalore</b>  <b>3. Dr. A. Nazar Ali , Professor, Rajalakshmi Engineering College, Chennai</b>  <b>4. Dr Anand, Amrita University, Bangalore</b></p>					
25.07.2024	03.00 pm to 05.30 pm	<b>Parallel Technical Sessions _ Afternoon</b>					
		24CS 9067 24CS 9068 24CS 9070 24CS 9081 24CS 9092 24CS 9096 24CS 9098 24CS 9106 24CS 9112 24EC 4024	24CS 9115 24CS 9116 24CS 9127 24CS 9128 24CS 9132 24CS 9205 24CS 7009 24CS 7010	24EC 2043 24EC 2070 24EC 2071 24EC 2082 24EC 2090 24EC 3006 24EC 3017 24EC 3024 24EC 3041 24EC 3057	24EC 3065 24EC 3079 24EC 3090 24EC 4003 24EC 4018 24EC 4020 24EC 4023 24EC 4025 24EC 4027 24EC 4028	24EC 4035 24EC 4040 24EC 4047 24EC 4048 24EC 4050 24EC 4052 24EE 2038 24EE 2039 24EE 2069 24EE 2078	
26.07.2024	09.30 am to 10.00 am	<b>Keynote Address #3 (ONLINE): Dr. Muhammad Usman Edgefield University, UK</b>					
26.07.2024	10.00 am to 12.30 pm	<b>Parallel Technical Sessions_ Forenoon</b>					
		24CS 3092 24CS 4095 24CS 6015 24CS 6027 24CS 6081 24CS 7044 24CS 9145 24CS 9159 24CS 9162 24CS 9224 24CS 9226	24CS 9165 24CS 9167 24CS 9179 24CS 9195 24CS 9196 24CS 9197 24CS 9200 24CS 9206 24CS 9208 24CS 9211 24CS 9216	24CS 9214 24CS 9223 24EC 3044 24EC 3071 24EC 3099 24EC 4037 24EC 4039 24EC 4055 24EC 4058 24EC 4066 24CS 9202	24EC 4069 24EC 4074 24EE 2025 24EE 2046 24EE 2051 24EE 2059 24EE 2075 24EE 2091 24EE 2092 24EE 2095 24EE 2084	24CS 2081 24CS 6071 24CS 9056 24CS 9100 24CS 9137 24CS 9143 24CS 9146 24CS 9172 24CS 9136 24CS 5023 24CS 9023	24CS 5096 24CS 9203 24CS 9171 24CS 9138 24CS 7175 24CS 7161 24CS 7165 24CS 7158 24CS 7160 24CS 9218
26.07.2024	12.45 pm	<b>Valedictory Session</b>					

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

## Session 1: D1CS01

Date: 24.07.2024

Time: 02.00 pm to 04.30 pm

Venue: Presentation Hall (PH-01)

Time	Paper ID	Paper Title	Author(s)
02.00 pm	24CS 1055	Identifying and Analysing Factors Influencing the Turnover Rate in Selected IT Companies with AI	Devanshi Bareja, R.K. Ghai, Vikas Verma
02.15 pm	24CS 1082	EvauleBlock: Evaluating Answers in E-Learning Applications with Enhanced Security and Intelligence through DRL and Blockchain Integration	Parthasarathy R, Kiruthiga Devi M, Karthick V, Kumar P, Rakesh Kumar Mahendran
02.30 pm	24CS 1092	Serverless Edge Computing Framework for Efficient Offloading Method with Time Frame Based Priority Resource Management	Srinithya Kandukuri, Dedeepya Gayam, Sai Divya Bommisetty, Revathi Bobba, G Bala Annapurna
02.45 pm	24CS 2084	Advanced Cyberbullying Detection: A Hybrid Model Integrated with Naïve Bayes	M. Priyadharshini, Hemagowri. J, A. Faritha Banu, B.Nithya, Rohit Ragavender C, V.Murugesh
03.00 pm	24CS 2097	NeuroPCA: Enhancing Alzheimer's disorder Disease Detection through Optimized Feature Reduction and Machine Learning	Sreenivas Reddy Sagili, Senthilnathan Chidambaranathan, Nagarjuna Nallametti, Harana M.Bodele, Laxmi Raja, P G. Gayathri
03.15 pm	24CS 3072	Analysis of Internet of Things Cyber security and Communication systems and its Applications	Vishnu P, L.Manjunath, P.Shalini, Amalraj P, S. Krishnaveni, Nithyananthi Subramaniam, S.Loganathan
03.30 pm	24CS 3083	Deepfake Video Prediction Using Attention-Based CNN and Mel-Frequency Cepstral Coefficients	Geerthik S, Senthil G.A, Jayashree D, Abinaya J
03.45 pm	24CS 4002	Advancing Energy Efficiency in Wireless Sensor Networks for Prolonged Lifespan and Enhanced Resilience	D. Archana, S. Prakasam
04.00 pm	24CS 4005	Artificial Neural Networks for Analyzing Multi-Temporal Satellite Imagery for Change Detection and Prediction	J. Anita Smiles, S.Jayashree, R.Nathiya, S.Balaji
04.15 pm	24CS 2077	Exploring the Impact of Technology Adoption and Environmental Noise Pollution on Elderly Patients with Non-Communicable Diseases in Malaysia	Chinnasamy Malarvizhi, Saranya Sree Subramaniam, Nasreen Khan

## Session 2: D1CS02

Date: 24.07.2024

Time: 02.00 pm to 04.30 pm

Venue: Presentation Hall (PH-02)

Time	Paper ID	Paper Title	Author(s)
02.00 pm	24CS 4030	Hydrodynamic Performance of OWC Under Nonlinear Stokes Wave Theory	Amya Ranjan Ray and Santanu Koley
02.15 pm	24CS 4036	Multi-Verse Optimization for Node Localization in Wireless Sensor Networks	B.Pitchaimanickam, P.Muthuvel, R.Rajasekar
02.30 pm	24CS 5012	Neural Style Transfer for Selective Feature Emphasis	Appikatla Vijay Kumar, J.A.M. Rexie
02.45 pm	24CS 5028	Power Generation Prediction of OWC Device Using Deep Neural Network Model	Ravindra Rao, Hritik Raj, Vipin V, Santanu Koley
03.00 pm	24CS 5040	A Comparative Study of Image Classification Models for Terrain Recognition	Krishna Kumar V, Karthika V, Mohana T, Mugebur Rahman A
03.15 pm	24CS 5041	Exploring the Essence of Prompt Tone: A Comparative Study of Large Language Model Security	Shalu Murali, Aiswarya Nair, Jose Vithayathil, Sandeep Prem Nambiar, Snehasree S.
03.30 pm	24CS 5054	AGSO_SpinalNet: Adam Group Search Optimizer trained SpinalNet for human emotion recognition using EEG signal	T Shilpa, M Siddappa
03.45 pm	24CS 5055	Predictive Analytics for Diabetes and Diabetic Retinopathy Using Deep Learning on Fundus Images	Khushi Shah, Krutarth YG, Danthuluri Sudha, Santosh Kumar J
04.00 pm	24CS 5056	Construction of a 3D model of an University Campus for Easing New Visitor Navigation around the Campus using Blender and Three.js	B Sunil Kamath, Tulasi Nayak
04.15 pm	24CS 5057	Segmentation Of Intracerebral Haemorrhage CT- Scan Images Using N-Net Architecture	P.Santhi, S.Maheswari, K.Deepa

### Session 3: D1CS03

Date: 24.07.2024

Time: 02.00 pm to 04.30 pm

Venue: Presentation Hall (PH-03)

Time	Paper ID	Paper Title	Author(s)
02.00 pm	24CS 4019	Beyond Boundaries: Region Filling with Image Data Clustering	K.Hari Nagarubini and K.Suthendran
02.15 pm	24CS 5082	Design of Neural Network based Approaches for Land Usage Land Cover Classification	Vijay Krishnan M.R., Raghav Mehra, Hari Prasada Raju Kunadharaju
02.30 pm	24CS 6018	Net Defender: Enhancing SDN Security with Deep Learning Against Botnet Threats	A.Peter Soosai Anandaraj, A.Ananthi, Moldireddy Gari Swetha, Vishnu Vardhan Gandla, Abhiram D V S
02.45 pm	24CS 6019	Early Detection of Melanoma Disease with Artificial Intelligence-Driven Skin Cancer Diagnosis Using Deep Learning Approach	Abhishek S. Rao, Karthik Pai B H, Veeresh, Rachana Rao, Mahima, Jeevith D R, Mohammed Aazam U T
03.00 pm	24CS 6020	Phishing Detection System Through Hybrid Machine Learning Based on URL	A.Peter Soosai Anandaraj, P.S.Ramesh, Shaik Arifulla, Chenna Geetha Madhuri, Nikhil Yeshwanth Malepati
03.15 pm	24CS 6031	Deep learning based intrusion detection system using gated recurrent neural network with sigmoid activation function	Nathiya N, Aruna S, Nikalyaa S J, Kavya C
03.30 pm	24CS 6045	Sentiment Analysis in Mobile Language Learning Apps Utilizing LSTM-GRU for Enhanced User Engagement and Personalized Feedback	Ravindra Changala, Archana Borde, R Subhashini, Punit Pathak, Vuda Sreenivasa Rao, B Kiran Bala
03.45 pm	24CS 7003	Congestion Control Routing Scheme for WSN using AI Technologies	S.K.Mahaboog Basha, E. Gurumoorthi, E. Mercy Beulah, R.Kesavan, S.A.Kalaiselvan, Lenin Kunar
04.00 pm	24CS 7066	QCrypt: Advanced Quantum-based Image Encryption for Secure Satellite Data Transmission	Mohamed Ihsan P.M, Arun Amaithi Rajan, Vetriselvi V, Gautham Kumar G and Praveen Kumar R

## Session 4: D1EC01

Date: 24.07.2024

Time: 02.00 pm to 04.30 pm

Venue: Presentation Hall (PH-04)

Time	Paper ID	Paper Title	Author(s)
02.00 pm	24EC 1039	Fake News Detection Using Machine Learning Algorithms	E. Bharat Babu, Archana, J Rakesh Goud, Kadapa Dileep Hussain, Santhosh Kumar Veeramalla
02.15 pm	24EC 1043	Flexible And Improved Antennae For Drone Applications	Vallikannu R, Sankar P, B.C.Kavitha, M. Vinoth
02.30 pm	24EC 1046	High-Performance Digital Filters in an Electronic Stethoscope: An FPGA Based Approach	S. Balaji, Muddana Subbarao, S. Kiruthik, V. Joseph Michael Jerard, P. Ganesan, V. Elamaran
02.45 pm	24EC 1048	A Circular Slotted Wide Band Antenna for Sub 6 GHz Wireless Applications	Murugan Chinnathambi, Kavitha Thandapani
03.00 pm	24EC 1089	Automation of Cataloging an Abnormal Condition of Glaucoma Using Fundas Image of the Retina	S. Ramkumar, Mohanathi K, Deepika P, Martin Joel Rathnam
03.15 pm	24EC 1092	CMOS and NCFET-Based Differential Amplifier: Performance Insights and Design Considerations	Raju Galimutti, Premateja Kommineni, Siva Sankar Yellampalli, Ramesh Vaddi
03.30 pm	24EC 2004	3GPP-n277 Band Microstrip Patch Antenna	Swati Patil, V.N. Patil, Manish Sharma
03.45 pm	24EC 2017	Performance Analysis of Molybdenum ditelluride (MoTe <sub>2</sub> ) Material and its Comparison with Other 2D Materials	Vydha Pradeep Kumar, Deepak Kumar Panda, Shashidhar Reddy T, Ajay Kumar Reddy Gireddy, Sathwik Babu V
04.00 pm	24EC 2020	UNet with Attention Mechanism for Segmentation of Liver from Abdominal CT Images	R.Meena Prakash, M.Vimala, V.Srilekha, P.Krishnaleela, S.Thayammal
04.15 pm	24EC 2022	Exploring State-of-the-Art Methods in Mastering Digital Signal Processing through Blended Learning	S. Nivithan, A. Abhishek, P. Thanapal, M. Sundar Prakash Balaji, V. Joseph Michael Jerard, P. Ganesan, V. Elamaran

## Session 5: D1EE01

Date: 24.07.2024

Time: 02.00 pm to 04.30 pm

Venue: Presentation Hall (PH-05)

Time	Paper ID	Paper Title	Author(s)
02.00 pm	24EE 1075	Design Methodology and Control Technique of Full Bridge LLC Resonant Converter for Battery Charger Application in Rolling Stock	Anubhav Dubey, Paulson Samuel, Majhrul Israr, Raj Kapur Kumar
02.15 pm	24EE 1080	Performance Analysis of an Integrated Microgrid Based Predictive Control Scheme	Sai Sampath Kumar .P, Suresh.P, D.Lenine
02.30 pm	24EE 1081	Power system stability Improvement using Modified African Vulture Optimization tuned STATCOM Controller	R.Shivakumar, S.Sowranchana
02.45 pm	24EE 1094	Single Stage Multilevel Inverter Using Switched-Capacitor For Minimization of Transition in Common Mode Voltage	Amit Kumar Singh, Sonti Venu, Sachin Jain
03.00 pm	24EE 2000	PSALW-PUF: Adiabatic Logic for Low to High-Frequency Security in IoT Applications	Prajwal KN, Rohithdutta, Hemavathy S, V S Kanchana Bhaaskaran
03.15 pm	24EE 2013	Multi-input Quasi Z Source Multilevel Bidirectional Inverter for BLDC drive in Electric Vehicles	T. Rampradesh, A. Hariharan, A. L. Apsar Ali
03.30 pm	24EE 2030	Simulation Model For Temperature Rise Prediction In DC Switchgear Device	Sandeep Singh, Amol Kale, Muzammilhusain Khan, Mahesh Ranade
03.45 pm	24EE 2045	High Gain Double Boost DC-DC converter for photovoltaic application	S.Ramprasath, T.V.Krithiha Reshmi, N. Sheikha Naseema, S. Priyadharshini, K. Dhanusha and N. Sivasankari
04.00 pm	24EE 2050	Performance comparison of Dual active bridge conventional and Dual active bridge CLLC resonant converter	Shahid Afridi, Mir Burhan Ur Rehman, Nagendrappa H.
04.15 pm	24EE 2064	DC Motor Speed Control With Power Factor Correction In Common Coupling Point	Manikandan Ponnusamy, P.A.Gowrisankar, K.Udhayakumar, G.Sakthivel

## Session 6: D2CS04

Date: 25.07.2024

Time: 10.15 am to 12.45 pm

Venue: Presentation Hall (PH-01)

Time	Paper ID	Paper Title	Author(s)
10.15 am	24CS 5022	Evaluation of Equivalency Certificates for International Students using Quantum AI of Fairness and Efficiency QAA	Sumathy Krishnan, Surendran R, Maha Sweta Sathiamurthy
10.30 am	24CS 6070	A Novel Approach for Air Pollution Prediction Using Machine Learning Techniques	J.John Bosco, V.Kowsalya
10.45 am	24CS 6078	Synthetic Data Augmentation Using Large Language Models (LLM): A Case-Study of the Kamyrdigester	Dhruva G, Ishani Bhat, Preethi P
11.00 am	24CS 6087	Enhancing Breast Cancer Detection: A Comparative Analysis of Pre-Processing Techniques for Mammogram Image	Guru Maheswari M, Karthigadevi K, Elizabeth Rani G, Sakthimohan M
11.15 am	24CS 6088	A CNN-based Model to classify fresh and damaged fruit	T. Bharath Kumar, Deepak Prashar
11.30 am	24CS 6092	A Homomorphic Encryption Compiler for Blood Pressure Analysis	Varshini Balaji, Srinidhi Kannan, Suryamritha M, Meena Belwal
11.45 am	24CS 7002	Quantitative Risk Forecasting using Value at Risk (VaR): A Case Study of Adani Power	Srikrishna Parthasarthy, Sanika M. Rangayyan, Dhruva G., Suresh Jamadagni
12.00 noon	24CS 7008	Harvesting Knowledge: An Innovative Ontology Framework for Agricultural Advancement using NLP methodologies	Deepa R, Manisha Das, Thilakavathy P, Bennet Prabhu A, Surendran R
12.15 pm	24CS 7015	Transforming Language Learning: Harnessing Neural Networks for Enhanced Adaptive Assessment in English Teaching	Mubashira Vazhangal, Purnachandra Rao Alapati, Punit Pathak, P.Kavitha, Veera Ankalu Vuyyuru, I Infant raj
12.30 pm	24CS 7017	Next-Gen Human-Computer Interaction: A Hybrid LSTM-CNN Model for Superior Adaptive User Experience	Ravindra Changala, J.Manoranjini, M. Misba, Shital Kakad, S Sai Deepthi, Ponni Valavan M



## Session 7: D2CS05

Date: 25.07.2024

Time: 10.15 am to 12.45 pm

Venue: Presentation Hall (PH-02)

Time	Paper ID	Paper Title	Author(s)
10.15 am	24CS 7022	Stock Price Prediction using Transformer and Bidirectional Long Short-term Memory	Vigneshwaran Murugan, Rajalakshmi Shenbaga Moorthy
10.30 am	24CS 7023	Predicting Red Rot Disease in Sugarcane Leaves Using Deep Learning Techniques	Hemanth Perumalla, Sai Nagarjuna Morthala, Sai Harshith Vedanabhatla, Sandeep Reddy Panyala, Shiva Shankar Mutupuri, Satish Anamalamudi
10.45 am	24CS 7028	Heart Disease Prediction using Machine Learning Algorithms: A Data Science Approach	V. Murugananthan, Mahmoud Yehia Emam Selim Rehan, R.Srinivasan, M.Kavitha
11.00 am	24CS 7030	AFHO-DL: Enhancing Energy Efficiency through Resource Allocation AI-enabled WSNs and IoT Integration	S A Kalaiselvan, J.Manoranjini, S.Hemalatha, M. Lenin Kunar
11.15 am	24CS 7031	Anticipating Cleaning Schedules for 22 KV Porcelain Insulators through Leakage Current Analysis with Machine Learning	Devendra Shantaram Patole, Bindu S.
11.30 am	24CS 7032	A Comprehensive Assessment of Blockchain Technology in the Healthcare Industry and Techniques to Store Medical Image	Aditi Sharma, Rajesh Kumar Kaushal, Naveen Kumar
11.45 am	24CS 7043	Driver Drowsiness Detection using time lapse images by Deep Learning Approach	Malathi Eswaran, Balasubramanie P, Nandhini V
12.00 noon	24CS 7045	Hybrid MLP-GRU Federated Learning Framework for Industrial Predictive Maintenance	K.Praveena, M. Misba, Chamandeep Kaur, Mohammed Saleh Al Ansari, Veera Ankalu. Vuyyuru, S Muthuperumal
12.15 pm	24CS 7049	Improved Random Forest Algorithm for Parkinson's Disease Classification	S. Aadhithyan, S. Mythili
12.30 pm	24CS 7050	Advancing Adaptive Assessment in English Language Teaching: A Deep Learning-based Approach within Intelligent Tutoring Systems	A.Greeni, Preeti Chitkara, Punit Pathak, Myagmarsuren Orosoo, Manikandan Rengarajan, B Kiran Bala

## Session 8: D2CS06

Date: 25.07.2024

Time: 10.15 am to 12.45 pm

Venue: Presentation Hall (PH-02)

Time	Paper ID	Paper Title	Author(s)
10.15 am	24CS 7054	Decentralized Home Computing Network: Leveraging IaaS, PaaS, and SaaS for Passive Income Generation with Kubernetes Clusters	Rahul Raj R, Thenmozhi S
10.30 am	24CS 7056	BI-IEA: A Bit-Level Image Encryption Algorithm using Transformation and Chaotic Skew Tent Map based Substitution for Fingerprint Images	Aditya G Kulkarni, Prajwalasimha S N, Naveen Kulkarni, Deepthika Karuppusamy, Raveena Dharmappa, Yash Bagga
10.45 am	24CS 7057	IDEA-PTLMS: Designing Secure Image Encoding and Decoding Algorithms using Pixel Transposition and Logistic Map based Substitutions	Prajwal N Halvi, Prajwalasimha S N, Durbadal Chattaraj, Naveen Kulkarni, Deepthika Karuppusamy
11.00 am	24CS 7061	Efficient Anomaly Identification and Segmentation Using Optimization Based Fuzzy Clustering Approach	Rekha P, Anand Tilagul, Badrinath K, Kottaimalai Ramaraj, Thilagaraj M, Prasath Alias Surendhar S
11.15 am	24CS 7062	Enhancing Emotion Classification through Bi-LSTM and GloVe Embedding: A Computational Framework for Sentiment Analysis	Sharika T R, Reshma M R, Deepa Devassy, Jithi P V, Sreedevi R Krishnan, Willson Joseph C
11.30 am	24CS 7076	Analysing Lossless Image Compression Techniques for IoT Devices	Kausik Challapalli, Vivek Kothamasu, Hasha Garikapati, Roop sai Charan, ManiSankar Thota, Satish Anamalamudi
11.45 am	24CS 7081	Combating Fake News in Social Media by Enabling Deep Convolutional Neural Network-Based Detection and Mitigation Strategies	G.Sabera, J.Manoranjini, Mohd Aarif, Vuda Sreenivasa Rao, Harishchander Anandaram, Ponni Valavan M
12.00 noon	24CS 7090	Analyzing Image Classification on AI-Generated Art Vs Human Created Art Using Deep Learning Models	Druthik Sai Chinta, Sindhusa Kamineni, Ratna Pujitha Chatragadda, Sujatha Kamepalli
12.15 pm	24CS 7147	Alzheimer's Disease Detection using Machine Learning Models	A.PeriyaNayaki, B. Swathi, N.Abinesh, S.D.Prithviraj, L. Santhosh, M S Archit Ramana, M.S.Thanabal

## Session 9: D2CS07

Date: 25.07.2024

Time: 10.15 am to 12.45 pm

Venue: Presentation Hall (PH-04)

Time	Paper ID	Paper Title	Author(s)
10.15 am	24CS 7149	Countering Deepfakes using an Improved Advanced CNN and its Ensemble with Pretrained Models	Abeer Mathur, Kshitiz Bhargava, Manvendra Singh, Moulik Tejpal, Krishnaraj Natarajan
10.30 am	24CS 7169	Transformative Storage Framework for 6G Smart City Deployments	Maheswaran N, Bose S, Shruthi T, Logeswari G, Anitha T, Prabhu D
10.45 am	24CS 8010	Empowering Robo-Advisors: Data-Driven Mutual Fund and Stock Market Price Prediction with Deep Learning Techniques	Sunil K Roy, Nripendra Narayan Das, Savita, Narinder Kumar Bhasin, Sunil Kadyan, Ananthi R K
11.00 am	24CS 8011	Enhancing Early Heart Disease Prediction through Optimized CNN-GRU Algorithms: Advanced Techniques and Applications	Ravindra Changala, M. Misba, Muthurasu N, Chamandeeep Kaur, Veera Ankalu Vuyyuru, Ananthi R K
11.15 am	24CS 8015	Strategic Implementation of Deep Learning in AI and Soft Computing to Transform and Enhance Customer Service Excellence	G.Venkata Krishna, Afsana Anjum, Bhaskar Saikia, G. Vikram
11.30 am	24CS 8017	Dhwani: Leveraging CNN in an Augmentative and Alternative Communication Solution	Madhav Santhosh, Noel John Robert, Reuben Vinod Varghese, Rohaan Renu John and Tessy Mathew
11.45 am	24CS 8034	A Predictive Analysis of Life Cycle Emissions of CO2 in Electric Vehicles Using Machine Learning	Shriya Sanjay Narikutty Koilery, Ridha Muhammad, Nabeel Faisal Payyani Karalakath, Azeem A Rasheed and M Revathi
12.00 noon	24CS 8049	Harnessing AI: Enhancing English Language Teaching through Innovative Tools	Adlin Jerusha J, R.Rajakumari
12.15 pm	24CS 8052	MIMICz- An Audio Corpus for the Competency Evaluation of Voice Mimicking	Bhasi K.C, Rajeev Rajan
12.30 pm	24CS 8055	Optimized Ensemble Learning based Approach for Heart Disease Prediction	Sujini Gera, Sunil Babu Melingi

## Session 10: D2CS08

Date: 25.07.2024

Time: 10.15 am to 12.45 pm

Venue: Presentation Hall (PH-05)

Time	Paper ID	Paper Title	Author(s)
10.15 am	24CS 8058	Performance Study of Transport Layer Protocol QUIC against TCP in GNS3 Environment	Shashank B Sharma, Veena S
10.30 am	24CS 8060	Blockchain-enabled Trust and Transparency in Influencer Marketing on Social Media Platforms	N.K.Thakre, T.Navaneetha, Narinder Kumar Bhasin, Keerthi samudrala, Vuda Sreenivasa Rao, M.Karthik
10.45 am	24CS 8061	A Reliable Approach for Automatic Grading of Diabetic Retinopathy from Fundus Images using Feature Extraction and Fusion	R.Anita Jasmine, M.Ramla, and M.Ramesh
11.00 am	24CS 8063	Flexible U-Net with Transfer Learning for Optic Disc Segmentation in Glaucoma Detection	Kalyanasundaram V, Keerthi AJ, G. Prethija
11.15 am	24CS 8082	Breast Cancer Prediction based on Adaptive Deep Learning Scheme	Pandarinath Potluri, Kavyashree Nagarajaiah, K.Mohana Lakshmi, Manjula Moolbharathi, Nagaratnamma, Allam Balaram
11.30 am	24CS 9013	An IoT Based self-diagnosis system to identify Chronic Obstructive Pulmonary Disease with built-in sterilization	M.Pradeep, V.Jyothi, Gera Vijaya Nirmala, Kolli Srikanth, N.Rajeswaran, Balamurugan M S
11.45 am	24CS 9022	Development of A Novel Deep Neural Network Approach to Diabetic Retinopathy Diagnosis	Vijayalaxmi Gopu, M. Selvi
12.00 noon	24CS 9038	Machine Learning-Based Depression Detection via Twitter Metadata	Shaik Rasheeda Begum, Saad Yunus Sait
12.15 pm	24CS 9044	Predictive HR: Ensemble & Deep Learning Methods for Strategic Employee Retention	Sheik Ariffa Begum, Subbulakshmi Nammalwar, Jeyapal Vijayalakshmi and Manju Vallabha

## Session 11: D2CS09

Date: 25.07.2024

Time: 03.00 pm to 05.45 pm

Venue: Presentation Hall (PH-01)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	24CS 9067	Enhancing Cloud Computing Security through Hybrid CNN-LSTM and Advanced Data Mining Techniques	Dayal Pyari, Abothu Geetha, B.Kumar Babu, M. Misba, Veera Ankalu Vuyyuru, B Kiran Bala
03.15 pm	24CS 9068	Optimizing Mutual Fund Portfolio Management through the Application of Advanced Soft Computing Techniques	Jahnavi M, Kathari Santosh, N Nagasubba Reddy, B. Sireesha, M Sandeep Kumar, B Kiran Bala
03.30 pm	24CS 9070	Improving Mutual Fund Performance Analysis through the Fusion of CNN-LSTM and Explainable AI Techniques	Raju B P G, Navya Francis, N.Venkatarathnam, Kavita Mahar, Manyam Kethan, I Infant raj
04.00 pm	24CS 9081	Advancing Temperature Prediction for Pune City: Machine Learning-Enabled Temperature Prediction	Ganesh Sathe, Anagha M. Pathak, Sandesh Jadkar, Vishal Bhalla, Rahul Dattangire
04.15 pm	24CS 9092	A Graph-Based Approach to Automatic Car Reliability System Prediction with Probabilistic Modeling and Machine Learning	Kaivaram Sivarama Krishna, Bommala Deepak Kumar, Morumpalli Deekshith Reddy, Bheema Sai Varun, Murali K
04.30 am	24CS 9096	Implementing Fuzzy Logic in Cognitive Sensor Networks for Environmental Monitoring	Mohd Aarif, Afsana Anjum, Tripti Sharma, A. Arikrishnan, Vuda Sreenivasa Rao, A. Balakumar
04.45 am	24CS 9098	Innovations in Media C: Federated Learning and BiLSTM Integration for Image and Video Analysis	A Suresh Kumar, A Balavivekanandhan, Mohammed Saleh Al Ansari, P N V Syamala Rao M, D Gouse Peera, S Muthuperumal,
05.00 am	24CS 9106	Deep Learning Techniques for Crop Disease Detection and Classification: A Data-Driven Analysis	Ananya Chenat, Gaurang Singh, Omkumar J Patel, Shalini Gupta, Anuj Dhar, M Revathi
05.15 pm	24CS 9112	A Reinforcement Approach for Fleet Optimization in Multi-Agent Autonomous Cars	Mayank Pandey, Naga Sai Shreya Kunda, Pranave KC, Murali K
05.30 pm	24EC 4024	Enhancing Brain Tumor Detection: YOLOv6 Algorithm for Accurate Identification in MRI Scans	A.Srividya, Navya Raparathi, Swapna.Thouti, Puli Vinay Kumar, Jyothi Goddu, A.Athiraja

## Session 12: D2CS10

Date: 25.07.2024

Time: 03.00 pm to 05.30 pm

Venue: Presentation Hall (PH-02)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	24CS 9115	Web Based Application to Recognize Diseases and Providing Consultant to Patients	Ajitha P, Sathish Kumar P. J, Sundara Rajulu Navaneethakrishnan, Sivasangari A, Surendran R
03.15 pm	24CS 9116	Multibio Authentication of Online Users in Proctoring and E-Learning	Ajitha P, Sadish Sendi M, Sundara Rajulu Navaneethakrishnan, Sivasangari A, Surendran R
03.30 pm	24CS 9127	Ensuring Secure Transactions through Cutting edge Machine Learning and Preprocessing Techniques in Credit Card Fraud Detection	T. Akilandeswari, Damarouthu Kamalesh, Divi Manoj Kumar, Harshith Sai Bontha
04.00 pm	24CS 9128	A Novel Approach to Real-time Detection and Prevention of Diabetic Foot Ulcers Using Enhanced Deep Q-Learning	Appu M, Rajasree R, Leelavathy R
04.15 pm	24CS 9132	Enhancing Mutual Fund Allocation Efficiency with Advanced Deep Learning Optimization Techniques	Zameer Pasha, V.Sujatha, M. Misba, D J Samatha Naidu, Y Balraj, Ponni Valavan M
04.30 am	24CS 9205	Cassava Root Disease Classification Using Deep Learning Techniques	Seethalakshmi K, Bhagyalakshmi A, G Anitha, S.Priyadarshini, Somineni Pavithra, Pujari Mahi Pranathi
04.45 am	24CS 7009	Impatience of Customers in Queuing Models with Different Types of Vacations	M. Seenivasan and S. Pandisaranya
05.00 am	24CS 7010	Performance Analysis of M/M/1 Queueing Model with Working Vacation, Balking, Feedback Customers and Server Breakdown	M. Seenivasan and V. Anita

### Session 13: D2EC02

Date: 25.07.2024

Time: 03.00 pm to 05.45 pm

Venue: Presentation Hall (PH-03)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	24EC 2043	Feasible Implementation of ALU for Next Generation Processors	Radha.N, M.Maheswari, A.Abinaya
03.15 pm	24EC 2070	Design of Auto Encoder based on DNN for MIMO Systems	T.Kavitha, J.Jaswanth, M.Manoj Kumar, Supraja C, N.Ashokkumar, Narayana Reddy Yatm
03.30 pm	24EC 2071	Performance Analysis of Different Optical Filters for 5G Wireless Optical Communication Systems	Kavitha Thandapani, P. Nagarajan, N. Ashokkumar, M. Krishnamurthy, P. Kabilamani, B. Manimaran
04.00 pm	24EC 2082	Optimizing BER Performance in Power Domain NOMA Systems Using Maximum Likelihood Detection	G. Kavitha, J. Deny, M.S. Muthukkumar, P.G.Vijayakumar
04.15 pm	24EC 2090	The Art of Maintaining a Maintenance-Free Transformer for Nuclear Applications: A Case Study	B.Sreenivasula Reddy, Khem Chand Bhardwaj, J K Gayen
04.30 am	24EC 3006	Effectiveness of Impulse Factor of Sound Records in Decision Trees to Diagnose Parkinson's Disease	Arun P, Madhukumar S, Sarath P.V, Aleena M, Sharon J, Ashley E
04.45 am	24EC 3017	Design and analysis of Quad-Element MIMO Antenna for Bio-Medical Applications	C. Kanmani Pappa, Rajesh Kumar D, T Kavitha, C Murugan
05.00 am	24EC 3024	Design of a Handheld LED-based Sun-Photometer for Studies of Atmospheric Transmittance due to Aerosols	Ajay. A , Sakthidasan. K
05.15 pm	24EC 3041	Design of Proficient Fused MAC Unit for PID Controllers	A.Abinaya, M.Maheswari, Haridoss G, Sherin Shibi C, Babitha Lincy R, Jency Rubia J
05.30 pm	24EC 3057	Structural Electrochemical characteristics of GO, ZnO and GO/ZnO nanocomposite for electrochemical detecting sulfamethoxazole tablet	Padmalaya G, Athmanesan T, Senthilkumar P

### Session 14: D2EC03

Date: 25.07.2024

Time: 03.00 pm to 05.45 pm

Venue: Presentation Hall (PH-04)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	24EC 3065	Improved Energy Balancing based Data Forwarding incorporating Whale optimization Technique in Underwater Acoustic Sensor Network	R.Bhairavi, M.Thiruvani, Anita Christaline J, N. Ashokkumar, I.Chandra, P.Nagarajan
03.15 pm	24EC 3079	An Effective Machine Learning-Based Spectrum Management for IoT Applications in Cognitive Radio Networks	Vijayakumar K, Sriram Balaji R, Vignesh S, VibinKumar K
03.30 pm	24EC 3090	Challenges Encountered with Reconfigurable Intelligent Surfaces (RIS) In Underwater Communication	Ajitha Kamali. P, Sai Prathyusha. N, Thameena Parveen and A. Priya
04.00 pm	24EC 4003	A circular substrate integrated waveguide cavity-based slotted antenna with beam and polarization switching capabilities	Rahul Lal P, Aravind Krishnan, Navaneet MS, and Vishnu P
04.15 pm	24EC 4018	Optimization of Performance Parameters in Mobile Ad-hoc Networks (MANETs) using Hybrid Genetic Algorithm (GA)	Aparna P. More, Rohini S. Kale, M. A. Rizvi
04.30 am	24EC 4020	Intelligent Beamforming for Enhanced Secrecy and Performance in Reconfigurable Intelligent Surfaces	Sivasankar S, Markkandan S
04.45 am	24EC 4023	Generation of synthetic aqueous flare data using deep learning models	Sirisha Tadepalli, Surekha Paneerselvam, Abhilash Ravikumar
05.00 am	24EC 4025	Analysis of Dispersion Compensation using Fiber Bragg Grating with Generalized n-th Root and n-th order Polynomial Chirping Profile with Apodization	Sivarajan R, R. K. Jeyachitra
05.15 pm	24EC 4027	Exploring Single Frame Deraining Techniques: A Comprehensive Investigation	Muthukumar Balamurugan, Varun P. Gopi
05.30 pm	24EC 4028	Effect of tissue oxygen saturation StO <sub>2</sub> on the prognosis of dengue illness in Indian children using spectroscopic technique	P. Bhuvanewari, Neelamegam D and Yazhinian S



## Session 15: D2EC04

Date: 25.07.2024

Time: 03.00 pm to 05.15 pm

Venue: Presentation Hall (PH-05)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	24EC 4035	A star shaped Compact Tri Band Antenna Design for C, X and Ku-Band Applications	Ch V Ravi Sankar, P V Y Jayasree, V.N Koteswara Rao Devana, Telanakula Malleswara Rao, V Vamsi Krishna Muvvala, Mohammad Taj, D. Vijaya Saradhi
03.15 pm	24EC 4040	Design and Analysis of QCA Technology Based 2:1 Multiplexer	Pushkar Negi, Mahesh Angira
03.30 pm	24EC 4047	IM-NOMA: A Hybrid OFDM-IM and OFDM Systems for Enhancing Achievable Rate and SNR with QPSK	P. Lavanya, G. Siva Sankar Varma
04.00 pm	24EC 4048	Phonocardiogram Signal Analysis for Automated Cardiac Murmur Detection	Shivalila Hangaragi, Neelima N
04.15 pm	24EC 4050	An Efficient Image Encryption using Improved Quadratic Chaotic Map for Multimedia Application	Sethupathy K B, T.Shanthi, Sowmiya M, P.Balasubramaniam
04.30 am	24EC 4052	SliceNet: A Hybrid CNN Model for Network Slicing in 5G Communications	Soujanya S Badawadagi, Manoj Kumar. CM
04.45 am	24EE 2038	A Novel DC Electric Spring Topology for Enhanced Voltage Stabilization in DC Microgrid	Anu A. G., Hari Kumar R., S. Ushakumari
05.00 am	24EE 2039	Reactive Power Measurement in Power Systems with Harmonic Currents	Anu G., Francis M. Fernandez
05.15 pm	24EE 2069	Artificial Intelligence-Enhanced Li-ion Battery Management Systems	S.Karthikkumar, A.Deenu Mol, Sundaram Arumugam, V.Gowri Shankar, S.Sharmila, R.Chandrasekaran
05.30 pm	24EE 2078	Prediction of state of charge in electric vehicle lithium-ion batteries using deep learning	R. Sugashini, S.P.Mangaiyarkarasi

## Session 16: D3CS11

Date: 26.07.2024

Time: 10.00 am to 12.45 pm

Venue: Presentation Hall (PH-01)

Time	Paper ID	Paper Title	Author(s)
10.00 am	24CS 3092	Performance Investigation of Load Balancing Algorithms in Fog Computing	Thangam S, Gurupriya M, Kumara U, Amrutha Sivakumar, Srinidhi M, Samreen Sidhu
10.15 am	24CS 4095	Comparative Analysis of Bean Leaf Disease Detection using VGG-19, Inception, and ResNet50 Algorithms	R. Agila, F. Mary Harin Fernandez,
10.30 am	24CS 6015	Powering Up Security as Lightweight Crypto for Efficient IoT	B. Usha, Amuthaguka D
10.45 am	24CS 6027	Integrative Framework for Disaster Surveillance in Wireless Sensor Networks	K.Malarkodi, Bhaskarrao Yakkala, G. Revathi, S. Raja, K. Ramesh, Ammal Dhanalakshmi
11.00 am	24CS 6081	Malicious Query Detection Using Lexical Analyzer and Machine Learning	Prahalya S P, Sankepalli Sai Samhitha, Vadapalli Sanjana Ratan, Meena Belwal
11.15 am	24CS 7044	Tailored English Language Learning Support: Leveraging Long Short-Term Memory Networks for Personalized Assistance	K. Ezhilmathi, M. Durairaj, Mubashira Vazhangal, Riyaz Mohammad, Punit Pathak, M.Karthik
11.30 am	24CS 9145	Reducing Computational Complexity Of 3D-DCT & IDCT in Video Coding Architecture	Arunadevi A, Jaisiva S, Mythile C, Sudhapriya K
11.45 am	24CS 9159	Face Classification & Recognition Using Stacking Ensemble Learning with Principal Component Analysis Approach	Shivali Devi, Jyoti Saini, Harjinder Kaur, Harmanpreet Kaur
12.00 noon	24CS 9162	YOLOv8 for Pedestrian Detection: A Comparative Study for Pedestrian Detection	Sivaraman G, Sophiya E, Diviya M
12.15 pm	24CS 9224	Designing Document stores using Feature Model and Application Workload	Sweta Saha, Shelly Sachdeva
12.30 pm	24CS 9226	Fuzzy Retrieval Queuing Models Using Orthocenter of Centroids Ranking Method	Syamala. P, Ramesh. R, Seenivasan. M

## Session 17: D3CS12

Date: 26.07.2024

Time: 10.00 am to 12.30 pm

Venue: Presentation Hall (PH-02)

Time	Paper ID	Paper Title	Author(s)
10.00 am	24CS 9165	Optimizing Lung Cancer Classification Prediction based on Random Forest and SMOTE Techniques	R. Bhuvaneshwari, Roshan S
10.15 am	24CS 9167	Optimizing House Price Prediction: Comparative Analysis of Machine Learning Techniques	Astha Sul, Vaishnavi Jagtap, Parantap Jesalpura, Anushka Nema, Rajkumar R.
10.30 am	24CS 9179	Hate speech detection using enhanced recurrent neural network based on elephant herding optimization on social media	K. Senthilkumar, S. Sathiyabama, D. Ayyamuthukumar
10.45 am	24CS 9195	Analysis and Implementation of Cryptocurrency Arbitrage Strategies: A Data Structures Approach	C Madhujha, Sneha Yadav, Samreen Sidhu, Aiswariya Milan K
11.00 am	24CS 9196	Early Prediction of Pancreatic Malignancy by using Deep Learning Techniques	Abirami S, Balika J Chelliah
11.15 am	24CS 9197	Efficiency Analysis of Conventional and Weighted Grid-Based Pathfinding Algorithms: A Performance Comparative Study	Yasasree Lasya A, Asi Kuushalie, Gayatri Yerukola, Aiswariya Milan K
11.30 am	24CS 9200	Balanced Content Consumption Using Machine Learning Techniques	Joshua Ilangovan, P. Vidhya Saraswathi
11.45 am	24CS 9206	Crafting Customer Segmentation Strategies for Advanced Recommendation System	Seethalakshmi K, Bhagyalakshmi A, G Anitha, Sheela .E, Varada Sandeep
12.00 noon	24CS 9208	A Deep Learning-Cryptography Hybrid Approach for Ensuring Medical Image Confidentiality	Hitesh Surya Chinta, Maganti Akshita Uma Sai, Kavitha C.R.
12.15 pm	24CS 9211	Key generation technique by password hashing using AES encryption for hiding cipher text within an image	Karthikeyan. B, Kishore. M. S., Sri Hari. R, Jaya Prakash. T, Manikandan. G
12.30 pm	24CS 9216	Breast Cancer Detection by Improving Feature Selection and Classify using Ensemble Artificial Neural Network method	G.Sridevi, K.Sharmila

## Session 18: D3EC05

Date: 26.07.2024

Time: 10.00 am to 12.30 pm

Venue: Presentation Hall (PH-03)

Time	Paper ID	Paper Title	Author(s)
10.00 am	24CS 9214	Thermographic Asymmetry Breast Analysis for Early Breast Cancer Detection Using SVM with Ant Colony Optimization(SVM-ACO)	G.Kalpana, N.Deepa
10.15 am	24CS 9223	Blockchain-Enabled Integration and Coordination for Decentralized E-Health Systems	Vishesh Kumar, Shelly Sachdeva, Vijayant Pawar
10.30 am	24EC 3044	Revolutionizing Financial Cloud Services: AI and Blockchain-driven Resource Allocation for Maximized Transaction Speed and Security	M. Lenin Kunar, M. Amanullah, Revatthy Krishnamurthy, N.Mohana Suganthi, S.A.Kalaiselvan
10.45 am	24EC 3071	Modified Flip Flop with Two Phase Clocking for Low Power Consumption	Akshayini H K, Amodini K, Jane Sharon R, Shruthi M L J
11.00 am	24EC 3099	Efficient Power Management in Wireless Sensor Networks: Leveraging VLSI Techniques on FPGA Platforms	K. Malarkodi, Chandrasekaran B, Mahaboob Basha, V. Janakiraman, Rajasekaran.A, K.Ramesh
11.15 am	24EC 4037	Diagnosis of Polycystic Ovary Syndrome Using Deep Learning Neural Network-based Segmentation Techniques	J. Prathibanandhi, G.S.Annie Grace Vimala
11.30 am	24EC 4039	Diagnosis of Polycystic Ovarian Syndrome with the Implementation of Deep Learning Models	J. Prathibanandhi, G.S.Annie Grace Vimala
11.45 am	24EC 4055	Comparative Analysis of MLP-Based and Traditional Channel Estimation Strategies for Millimeter Wave MIMO Networks	S.Santhy Jabarani, Jaison Jacob
12.00 noon	24EC 4058	Parallel Prefix Adders based Linear Congruential Generator	A S Safa, Siva Reddy Vanga
12.15 pm	24EC 4066	FPGA – Controlled Automated Coffee Maker using Verilog	Vamsi SriKrishna Chowdary Arumilli, Asish Krishna Ghatta, Rajesh Kannan Megalingam
12.30 pm	24CS 9202	Deep Adversarial Network based Dental Inlay Restoration using Point Cloud Segmentation	Lakshmi S, Shanmuganathan C

## Session 19: D3EE01

Date: 26.07.2024

Time: 10.00 am to 12.30 pm

Venue: Presentation Hall (PH-04)

Time	Paper ID	Paper Title	Author(s)
10.00 am	24EC 4069	Machine Learning for Road Safety Enhancement Through In-Vehicle Sensor Analysis	Divyasri C, Neelima N., T. V. Smitha
10.15 am	24EC 4074	Microstrip Patch Antenna Arrays for Biomedical Applications	Julia Karal Adisaya.R, Jasmine David D, Ramana K
10.30 am	24EE 2025	Enhanced Single-Phase Modular Multilevel Inverter with Controlled DC-Cells for Renewable Energy Systems	E. Parimalasundar, Hareesh Sita, R. Jayanthi, R. Ravikumar, B. Hemanth Kumar, K. Suresh
10.45 am	24EE 2046	Wind power uncertainty is taken into consideration while using the Osprey Optimization Algorithm for hydro-thermal-wind complementary scheduling	Ponnuru Sudhakaran, Jarabala Ranga, M. Dhinakaran, Baburao Pasupulati
11.00 am	24EE 2051	Levenberg–Marquardt Algorithm based Solar Photovoltaic Fault Classification and Detection in Grid	Lakshmanan Palani, Abdul Kalam Shaik, Subuddi Nagaraju, VV Appala Naidu Menda
11.15 am	24EE 2059	Hybrid Machine Learning Model For EV Battery SoC and SoH Prediction	C R Amrutha Varshini, Arya Jha, Ayush Tiwari, K. Deepa
11.30 am	24EE 2075	Examining Floating Point Precision in Contemporary FPGAs	C. Mythile, S. Jaisiva, Arunadevi. A, Sudhapriya K
11.45 am	24EE 2091	Signal Decomposition of EMG signals in Prosthetic bionic arm using Component Analysis	Josephine Hope Hailma. J, S.Prakash
12.00 noon	24EE 2092	Integration of Fuzzy MPPT Based PV–Battery Micro Grid System	Shravani Chapala, Narasimham R.L., Tulasi Ram Das. G
12.15 pm	24EE 2095	An Adaptive Cruise Control System for on-Road Vehicles – A Simulation Study	Swetha K, K Sireesha
12.30 pm	24EE 2084	Reinforcement Learning based Man-in-the-Middle Attack Detection in Advanced Metering Infrastructure	R.Sriranjani, N.Hemavathi, N. Aishwarya, M. Agatheeswaran and M.Vishnu Vardhan

## Session 20: D3CSON01

Date: 26.07.2024

Time: 10.00 am to 12.30 pm

Time	Paper ID	Paper Title	Author(s)
10.00 am	24CS 2081	Control of Security Breach of Optimization Technique Using Machine Learning	Vimal Kumar Stephen, Ramesh Palanisamy, Zaina Rashid Salim Al-Jufaili, Mallika Banu Basheer Ahmed
10.15 am	24CS 6071	Artificial Intelligence based Intrusion Detection Systems using Deep Learning Techniques	Alycia Sebastian, Hamed Al Hajri
10.30 am	24CS 9056	Performance Evaluation of Apache Hadoop, Spark, and Flink for Batch Processing of Big Data: A Comparative Analysis	Lakshmana Kumar Yenduri
10.45 am	24CS 9100	Mimicking 5-DOF Robotic Neck through IMU MPU6050 Sensor with Movement Compensation	John Matthew G. Arambulo, Ma. Sharamae T. Capuso, Genesis S. Carteciano, Allysa Nicole O. Garcia, Rhona Mel C. Tanchico, Robert Lue R. Asturias, Andrea Alette R. Morante, Engr. Roselito E. Tolentino
11.00 am	24CS 9137	Robotic Shoulder and Elbow Mimicry using Orbbec Astra Camera	Marc Louise C. Catindig, Roy James E. Luminario, Alzyn B. Merano, Enrico Vicente Jr. F. Munoz, Aeron Sebastianne C. Onella, Engr. Roselito E. Tolentino, Robert Lue R. Asturias, Andrea Alette R. Morante
11.15 am	24CS 9143	AI-Enhanced U-Net for Accurate Low-Grade Glioma Segmentation in Brain MRI: Transforming Healthcare Imaging	Divya Biradar, Rahul Dattangire
11.30 am	24CS 9146	Mimicking Human Hip Movement with a 3-DOF Robotic Hip Using Orbbec Astra Pro Plus Camera	Erica Joy A. Ballon, Kim Cyrell F. Cruz, Rafael B. Jasmin, John Loyd C. Jontilano, Andrea Carlota A. Samson, Engr. Roselito E. Tolentino, Robert Lue R. Asturias, Andrea Alette R. Morante
11.45 am	24CS 9172	A Promising Approach for Next-Generation Mobile Communications	Saif A. Abdulhussien, Noor Aldeen Riad, Sarmad K. Ibrahim

12.00 noon	24CS 9136	Mimicking 6-DOF Human Mandibular Movements with Robotic Jaw using an Infrared Distance Sensor into a Wearable Controller	Jose Guiller H. Balingit Ian Jomary D. Berroya Kyla Patrizo A. Canog, Michael Ian T. Jordan Adrian Neil N. Pulmano Engr. Roselito E. Tolentino, Robert Lue R. Asturias Andrea Alette R. Morante
12.15 pm	24CS 5023	Improved Hashing Algorithm for Data Integrity and Security	Sheetal S. Dhole, P. N. Chatur, A. V. Deorankar, K. Waghmare
12.30 pm	24CS 9023	Improving Time Series Forecasting Accuracy with Transformers: A Comprehensive Analysis with Explainability	Susmera Joseph, Ashly Ann Jo, and Ebin Deni Raj

## Session 21: D3CSON02

Date: 26.07.2024

Time: 10.00 am to 12.30 pm

Session Coordinator :

Time	Paper ID	Paper Title	Author(s)
10.00 am	24CS 5096	Examination of Employee Engagement's Role in the Adoption of Trustworthy AI in Higher Education	Umesh Udayaprakash, Divya Goswami, Balraj Verma
10.15 am	24CS 9203	Optimizing Energy Usage in Educational Environments through the Internet of Things and Deep Learning Techniques	Preethi Salian K, Abhishek S. Rao, Supriya Salian
10.30 am	24CS 9171	Flex Sensor Data Analysis for Hand Rehabilitation using Wearable Glove	Thangam S, Anusha C Reddy, Ginnaram Varun, M Hemasri, Virupaxappa G, J Jesy Janet Kumari
10.45 am	24CS 9138	Decentralized CNN Training for Table Tennis Serve Classification Using Federated Learning	Shiva Mehta, Saniya Khurana
11.00 am	24CS 7175	Integrating Convolutional Neural Networks and Support Vector Machines for Cattle Disease Classification	Shiva Mehta, Saniya Khurana
11.15 am	24CS 7161	Cloud-Powered Virtual Doctor Robots for Enhancing Elderly Care and Chronic Disease Management with Recurrent Neural Networks	Ramesh S, N.Mohankumar, Rajesh Kambattan Kovarasan, Selvamanikandan. R, Yuvaraj S, S. Sujatha
11.30 am	24CS 7165	IoT's Role in Personalized Dietary Support for Mental Health using RNN Model	S Subha, N.Mohankumar, Allanki Sanyasi Rao, A. Ayub Khan, Ishwarya M.V, S. Murugan
11.45 am	24CS 7158	IoT-Driven SVM Prediction of Oceanographic Data Analytics for Marine Pollution Dispersal Patterns	P.Sudha Juliet, NithishaJ, V.Sridevi, G.Arunachalam, S.Rajnarayanan, P.Solainayagi
12.00 noon	24CS 7160	IoT-Driven Genomic Ecology: Exploring Genetic Adaptation in Changing Environments using CNN Model	Chitra Sabapathy Ranganathan, Arshadh Ariff Mohamed Abuthahir Riazulhameed, Santosh Kumar Sahoo, V.Sumathi, G. Sudhakar, Anantha Raman Rathinam
12.15 pm	24CS 9218	Nephrology Monitoring System with Artificial Neural Network Analysis for Early Detection of Renal Abnormalities Using Raspberry Pi	Natasha Martin, Ramakrishnan Raman