

F2023 Fifth IEEE International Conference on  
**Electrical, Computer and Communication Technologies (ICECCT 2023)**  
 22 - 24, February 2023 | Erode, India | <http://www.icecct.com/>

**Program Schedule**

Date	Time	Event
22.02.2023	10.00 am to 10.30 am	Inaugural Function <b>Platform: ZOOM</b> <a href="#">Click for meeting link</a>
22.02.2023	10.30 am	<b>Keynote 1: Dr. MUHAMMAD USMAN</b> Department of Computer Science, Edge Hill University, UK <b>Platform: ZOOM</b> <a href="#">Click for meeting link</a>
22.02.2023	11.10 am to 04.40 pm	Session: ICECCT(PHYSICAL)
		Session: CS01(Online)
		Session: CS02(online)
		Session: CS03(online)
		Session: CS04(online)
		Session: EC01(online)
		Session: EE01(online)
23.02.2023	10.00 am	<b>Keynote 2: Dr. Murugappan M</b> Professor, Kuwait College of Science & Technology <b>Google meet link: <a href="https://meet.google.com/beh-cttm-cox">https://meet.google.com/beh-cttm-cox</a></b>
23.02.2023	10.45 am to 04.40 pm	Session: CS05(online)
		Session: CS06(Online)
		Session: CS07(Online)
		Session: EC02(online)
		Session: EC03(online)
		Session: EE02(online)
24.02.2023	10.00 am	<b>Keynote 3: Dr. R.N. Patel</b> Professor, Electrical Engineering, CSVTU, Raipur <b>Google meet link: <a href="https://meet.google.com/beh-cttm-cox">https://meet.google.com/beh-cttm-cox</a></b>
24.02.2023	10.45 am to 04.40 pm	Session: CS08(online)
		Session: CS09(online)
		Session: CS10(online)
		Session: EC04(online)
		Session: EE03(online)
		Session: EE04(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) ICECCT Whatsapp group during presentation date(s).

**Session: ICECCT(PHY01) - OFFLINE**

Date: 22.02.2023

Time: 11.10 am to 05.00 pm

Venue: Seminar Hall-1, Main Block

**Session Chair(s):**

1. Dr. M. Ponni Bala / Professor/ BME/ VCET
2. Dr. B. Balasubramaniam/ Professor and Head / BME, Excel Engineering College, Komarapalayam

**Session Coordinator:**

1. Mr.K. Rajaram, AP/BME, VCET  
Contact No.: +91 9488868844

Time	Paper ID	Paper Title	Author(s)
11.15 am	EE 1061	Static Voltage Stabilizer Using Modified SPWM Technique Controlled AC Chopper	Sagar Sanjay Rochwani, Siddharthsingh K Chauhan, P N Tekwani
11.35 am	EE 1072	Finite Element Analysis of Permanent Magnet Less Motors for Electric Vehicle Application	C Bharatiraja, M Deepak, D Jagadeesh
11.55 am	EE 1083	Simulative study of Super lift Luo converter for Industrial Uni-directional open -wheel energy harvesting system	Karthikeyan Saravanan, Arulmozhiyal Ramaswamy
12.15 pm	EE 2041	Single Phase Shift Dual Active Bridge High Frequency DC-DC Converter for Electric Vehicle Battery Charger 6.6 kW	M. Deepak, G. Janaki, C. Bharatiraja
12.35 pm	EC 1008	Postural Implications of Back and Front squat using Biomechanical simulation	Gunarajulu Renganathan, Hamidreza Barnamehei, Poongavanam Palani, Yuichi Kurita

02.10 pm	EC 1070	Multi-Class ECG Signal Processing and Classification using CWT based on various Deep Neural Networks	Subramanyam Shashi Kumar and Prakash Ramachandran
02.30 pm	EC 3063	Modeling and Simulation of Electrical Circuits to Determine Human Body Impedance	Dhruba Jyoti Bora, V. Ajithesh Chowdary, P. Chandana, P. Chaithanya
02.50 pm	CS 3015	FRCNN based Deep Learning for Identification and Classification of Alopecia Areata	C. Saraswathi, B. Pushpa
03.10 pm	CS 4034	A New Approach to the Transportation Problem of the Hexagonal Fuzzy Number	V.Tharakeswari, M.Kameswari, M.Seenivasan
03.30 pm	CS 6041	Brain Stroke Prediction Using Machine Learning Techniques	Nagaraju Devarakonda, Bethu Lokendra Sri Sai, Upadrashta Pravalika and Satuluri
03.50 pm	CS 2002	Machine Learning Enabled Traffic Sign Detection System	Rajaram K, Vimal Kumar M N, Shobana Nageswari C, Rajan S, Rubesh C M
04.10 pm	EC 4008	FPGA implementation of high-speed 64-bit data width True Random Number Generator using Clock Managers with Metastability	C.N.Marimuthu, B.Priyanka

**Session: CS01 - ONLINE**

Date: 22.02.2023

Time: 11.10 am to 04.40 pm

**Session Chair(s):**

1. Dr.S.Russia/ Professor/ CSE/ VCET
2. Dr.G.Malathy/ Professor/ CSE/ Paavai Engineering College/Namakkal

**Session Coordinator:** Mrs.C.Radhika

Session in-charge Contact Number : +91 9942013134

Session Link : <https://meet.google.com/ayp-buzq-vqj>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 1004	Obfuscated Malware Detection Using Artificial Neural Network (ANN)	Lamia Parven Khan
11.30 am	CS 1006	Accurate Feature Elimination Approach in Ensemble Learning on NSL-KDD Dataset in Comparison with Candidate Elimination Algorithm	Kondaiah Naidu.N, Devi.T
11.50 am	CS 1007	An Intelligent Traffic Management System in Vehicle-to-NH Road (V2N) using Dynamic Optimal Random Access (DORA) protocol in comparison with Dynamic Source Routing (DSRP) Protocol to improve Packet Delivery Ratio	C.Sai Raghavendra, N. Deepa
12.10 pm	CS 1009	Accurate SMS Spam Detection Using Support Vector Machine in Comparison with Linear Regression	Ram Bheemesh.K, N.Deepa
12.30 pm	CS 1010	Accurate Human Palm Recognition System in Cybercrime Analysis using Naive Bayes in comparison with Polynomial Regression	Aigi Saisundar, Devi.T
02.00 pm	CS 1012	Automated Template Matching for External Thread Surface Defects with Image Processing	Nirmala V, Joseph Abraham Sundar K, Aiswarya G, Sai Sidhartha N, Challa Sneha and Prabu S
02.20 pm	CS 1017	Micro Level Dimensionality Measurement for Product Inspection using Machine Vision	Nirmala V, Ramakrishanan S, Aadharsh R, Shivnarayanan V, Visviewswaran B and Prabu S

02.40 pm	CS 1022	Post Diagnosis Digital Routine Monitoring System for Patients of Skin Diseases	Shuchi Bhadula, Sachin Sharma
03.00 pm	CS 1028	Automatic Identification of Make and Model of Ankle Implants using Artificial Intelligence	Shaik Mushkin Ali, Sahithi Nara, A Ramanathan, C Malathy, R Athilakshmi, M Gayathri, VIneet Batta
03.20 pm	CS 1029	Anomaly Detection for Beth Dataset Using Machine Learning Approaches	Lamia Parven Khan, Anika Hossain, Susmita Dey
03.40 pm	CS 1053	Hybrid Deep Learning based Attack Detection and Classification Model on IoT Environment	Jaya Dipti Lal, Shahnawaz Ayoub, Prashant D Hakim, S. Prabagar, Vijay Kumar Dwivedi, Mohit Tiwari
04.00 pm	CS 1054	Machine learning with Monarch Butterfly Optimization for Prediction of Emergency Patient Admission Status	Vijayarangam, S.Vasundhara, Nihar Ranjan Beherac, Shyamali das, Shanker Chandre, R.Rajagopa
04.20 pm	CS 1055	Arithmetic Optimization Algorithm with Machine Learning based Smart Irrigation System in IoT Environment	Aruna M, Patel Badari Narayana, S.Narasimha Kumar, Md. Abul Ala Walid, Jyoti Prasad Patra, B.Suresh Kumar

**Session: CS02 - ONLINE**

Date: 22.02.2023

Time: 11.10 am to 04.40 pm

**Session Chair(s):**

1. Dr.M.S. Geetha Devasena, *Professor/ CSE/ Sri Ramakrishna Engineering College, Coimbatore*
2. Mrs.K.Vijaya, *Assistant Professor/CSE/VCET*

**Session Coordinator:** Mr.S.Govindaraj, AP/BME

Session in-charge Contact Number : +91 9698048854

Session Link : <https://meet.google.com/kej-ytvp-mjb>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 1058	New Version of Symmetric Encryption Scheme Using the Coloring Bipartite Graph	Ruma Kareem K. Ajeena & Firas A. Abdullatif
11.30 am	CS 1060	Evaluation of dental cement remnants using imaging-based validation: An in vitro study	J. Febina, Ashwin Kumar N, Varshini Karthik
11.50 am	CS 1065	Prediction of Covid-19 Cases Using Machine Learning with the Varying Atmospheric Conditions	Asniya Sadaf Syed Atiqur Rehman
12.10 pm	CS 1072	Densenet201:A Customized DNN Model for Multi-Class Classification and Detection of Tumors Based on Brain MRI Images	K Sujatha, B Srinivasa Rao
12.30 pm	CS 1075	Liver Tumor Segmentation and Classification using Deep Learning	Amritha M, Manimegalai P
02.00 pm	CS 1076	Comprehensive Experimental Evaluation of Open Source Deep Learning Framework for Single Image Deraining Applications	Thiyagarajan Jayaraman, Senthilkumar Mani, B. Manimaran, M Justin Joseph
02.20 pm	CS 1077	An Automated approach to waste classification using deep learning	Loganayagi S, D.Usha
02.40 pm	CS 1088	An Analysis of Chaos-based Cryptographic Algorithms	Sharmila Ghosh, Purba Pal, Nirmalya Kar

03.00 pm	CS 1089	The Corona Graph for Symmetric Encryption Schemes	Ruma Kareem K. Ajeena, Firas A. Abdullatif & Sahab Mohson Aboud
03.20 pm	CS 1098	Building Accessible Video Games for Children with an Autism Spectrum Disorder	Akash Bagchi, Akshaya Nadathur, Pranjal Padakannaya, Siddiq Khan, Bondu Venkateswarlu
03.40 pm	CS 2003	Cubical fuzzy geometric aggregation operators under confidence levels and their application in multiple criteria decision making	A. Thilagavathy, S. Mohanaselvi.
04.00 pm	CS 2004	A Node Movement Localization Scheme in WSN using PSO	Sakshi Chauhan, Vivek Kanwar
04.20 pm	CS 2007	An Effective Stock Market Direction Using Hybrid WWO-MKELM technique	M. Jeyakarthic, R. Ramesh

**Session: CS03 - ONLINE**

Date: 22.02.2023

Time: 11.10 am to 04.40 pm

**Session Chair(s):**

1. Dr.C. Nalini, *Professor/ IT/ Kongu Engineering College, Erode*
2. Dr.S.Sudha, *Assistant Professor/BME/VCET*

**Session Coordinator:** Mr.J.Senthilnath, AP/EEE

Session in-charge Contact Number : +91 9965172152

Session Link : <https://meet.google.com/svo-ypav-pwg>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 2014	Forest Fire Detection using Nine-Layer Deep Convolutional Neural Network	Prabira Kumar Sethy, A. Geetha Devi, Paresh Kumar Sahoo, Ayush Kumar Nath, Trivikram Sahoo, Siddhant Sekhar Patra
11.30 am	CS 2016	Detection of Communication Tunnels in Network Using DNS Logs	Sankalp Dogra, Manisha J Nene
11.50 am	CS 2017	Time Series Analysis and Forecasting of Air Quality in India	Vanshay Gupta, Samit Kapadia, Chetashri Bhadane
12.10 pm	CS 1032	Clustering by Improved PSO based Jaya Algorithm for Energy Optimization of Wireless Sensor Networks	P.Malarvizhi, G.Kavithaa
12.30 pm	CS 2024	Application of AI/ML in Network-Slicing-Based Infrastructure of the Next-Generation Wireless Networking Systems	Anandakumar Haldorai, Ravishankar.C. V, Qaysar S. Mahdi, P. Devasudha
02.00 pm	CS 2025	Self-Learning and Adaptive Networking Protocols and Algorithms for 6G Edge Nodes	Anandakumar Haldorai, Eswaramoorthy. V, Makarand Upadhyaya, G. Jawaharlal Nehru, Dhiraj Kapila
02.20 pm	CS 2026	Mech-Health: A Machine Learning Based Fault Detection Using Predictive Analysis for LSTM	R.Vidhya, S. Nagadevi, G.Abirami

02.40 pm	CS 2031	SIFT Algorithm-Based Object Detection and Tracking in Video Image	Nandhini T J, K Thinakaran
03.00 pm	CS 2032	Physics-informed Neural Networks approach to solve the Blasius function	Greeshma Krishna, Malavika S Nair, Pramod P Nair, Anil Lal S
03.20 pm	CS 2039	Designing a reliable and cost-effective Internet of Medical Things (IoMT) topology to minimize the maintenance and deployment cost	C Madhusudhana Rao, Grandhi Prasuna, Hari Kishan Chapala, N Jeebaratnam, Durgaprasad Navulla, Ashish Verma
03.40 pm	CS 2041	An End-to-End secured Blockchain framework for Internet of Things based smart Healthcare	K Priya Bhashini, K Nalini, Ponnam Lalitha
04.00 pm	CS 2042	Chess Game to Improve the Mental Ability of Alzheimer's Patients using A3C	Joypriyanka M, Surendran R
04.20 pm	CS 2043	Advanced Communication in Cyber Physical System Infrastructure, Protocols, and Challenges	Anandakumar Haldorai, Ravishankar.C. V, Qaysar S. Mahdi, G. Jawaharlal Nehru

**Session: CS04- ONLINE**

Date: 22.02.2023

Time: 11.10 am to 05.00 pm

**Session Chair(s):**

1. Dr.A. Mythili, *Professor Grade I/ Sensor and Biomedical Technology, School of Electronics Engineering / Vellore Institute of Technology*
2. Dr.R.Mynavathi, *Professor/IT/VCET*

**Session Coordinator:** Mr.S.Hariprasath, AP/BME

Session in-charge Contact Number : +91 8870222333

Session Link : <https://meet.google.com/vyt-bofa-dmt>

Time	Paper ID	Paper Title	Author(s)
11.10 am	CS 2044	An Efficient Classification for Light Motor Vehicles using CatBoost Algorithm	M.Pemila, R.K. Pongiannan, Venkatesh Pandey, Prasun Mondal, Saumyarup Bhaumik
11.30 am	CS 2049	Anomaly Detection in Self-Organizing Mobile Networks Motivated by Quality of Experience	Caleb.S, S.John Justin Thangaraj
11.50 am	CS 2056	Estimation of Wetland Area Change Using Sentinel-2 Satellite Images	Lalitha Anupama Annavarapu, Sahithi Popuru, Sk Asha Afreen, K L Sailaja, P. Ramesh Kumar
12.10 pm	CS 2063	Identification of Malaria Disease Using Machine Learning Models	S. Kuzhaloli, S. Thenappan, T Premavathi, V. Nivedita, M. Mageshbabu, S.Navaneethan
12.30 pm	CS 2064	Securing the Health Care Data Using Hybrid Rabin and Routing Algorithm	Karthikeyan Kaliyaperumal, N.Kannaiya Raja, L.Velmurugan, Bacha Uma Woyessa
02.00 pm	CS 2071	Recent technology in agriculture using the bipolar fuzzy matrices with the aid of score function	T.Muthuraji and A.Anitha

02.20 pm	CS 2072	Improved Recommender System for Kid's Hobby Prediction using different Machine Learning Techniques	Premkumar Duraisamy, V.Niranjani, Parvathy.K, Yuvaraj Natarajan
02.40 pm	CS 2073	Design of Mobobile call drop Reasons Prediction Model Using Machine Learning	N. Kannaiya Raja, Karthikeyan Kaliyaperumal, L. Velmurugan, Subash Thanappan
03.00 pm	CS 2074	HULA: Dynamic and Scalable Load Balancing Mechanism for Data Plane of SDN	Manasa Kulkarni, Bhargavi Goswami, Joy Paulose
03.20 pm	CS 2076	The Detection of Skin Cancer and Oral Cancer : A comparison of the proposed Hybrid Model with the Existing Detection Algorithms	Geetika Sharma, Raman Chadha
03.40 pm	CS 2079	A Comparative Study of Multiple Linear Regression and K Nearest Neighbours using Machine Learning	Onima Tigga, Jaya Pal, Debjani Mustafi
04.00 pm	CS 2081	EMLPGENE: Enhanced MLP Gene based Multi Disease Detection System Using Heterogeneous Data	M.Venugopal, V.K Sharma, Kalpana Sharma
04.20 pm	CS 2082	CNN Classification of Parkinson's Disease using STFT Spectrum of User's Running Speech	Rani Kumari, Prakash Ramachandran
04.40 pm	CS 6038	EEG evoked automated emotion recognition using deep convolutional neural network	Abgeena Abgeena, Shruti Garg

**Session: EC01- ONLINE**

Date: 22.02.2023

Time: 11.10 am to 05.00 pm

**Session Chair(s):**

1. Dr.T.Balakumaran, *Assistant Professor (Sr.Gr.)/ ECE/ Coimbatore Institute of Technology*
2. Dr.Senthil Prakash, *Professor/ ECE/VCET*

**Session Coordinator:** Mrs.S. Gokula Brinda, AP/EEE

Session in-charge Contact Number : +91 9788406006

Session Link : <https://meet.google.com/yjr-tjzk-dvz>

Time	Paper ID	Paper Title	Author(s)
11.10 am	EC 1005	Nibble Based Two Bit Invert Coding Technique for Serial Network on Chip Links	M. S. S. V. N. K. R. R. Anirudh, N. Rajeev Sri Vatsa, P. V. Sai Vivek and M. Vinodhini
11.30 am	EC 1011	Diagnosis of Brain Tumor Using MRI Techniques	Bahareh Nazar Hosseini Saber, Reyhaneh Nazar Hosseini Saber
11.50 am	EC 1015	Towards Smartphone based Complete Blood Cell Estimation from Blood Smear Images	Akid Ornob, Syeda Omia Ahalam, Jeba Anika An-Nur
12.10 pm	EC 1023	Emotion Recognition Based Music Player	Seshaayini K, S L Srinithya, Pallavi Verma, Visalatchi A, Neelima N
12.30 pm	EC 1026	Detecting Pulmonary Embolism Using Deep Learning Algorithms	Ambika Sekhar, L. Padma Suresh
02.00 pm	EC 1044	Design and Development of Automated Guided Vehicle with Line Follower Concept using IR	Anand M, Kalaiselvi P, Arun kumar S, Nithyavathy N

02.20 pm	EC 1048	A Fast and Robust Regression Model for Keyframes Extraction	Sreejith L Das, Anand Prem P K, U. Pavan Kumar, Bhola Khan, S. Suma Christal Mary, Pankaj Varshney
02.40 pm	EC 1050	Determination of Blood Groups Based on GUI of Matlab	Mustafa F. Mahmood, Huda Farooq Jameel, Suhair Mohammed Yaseen, Saleem Lateef Mohammed
03.00 pm	EC 1052	Design and Drain Current Characteristics of L-Shaped Dielectric TFET with work function Engineering	Naga Swathi Tallapaneni, V. Megala
03.20 pm	EC 1056	Four Element CSRR Loaded Antenna for Dual Band Applications	Sangeetha Tharmar, Rajesh Kumar D, Tamilarasi M, K.G.Sujanth Narayan, Venkat Babu.G, MSK Manikandan
03.40 pm	EC 1058	Design of a Robot for carrying out research on hybrid robot's mobility: case of a mecanum wheel-legged robot	Kouame Yann Olivier A., Rajashekhar C. Biradar, R. Karthik, Geeta D. Devanagavi
04.00 pm	EC 1060	Meta Surface Inspired Compact CPW Antenna for 5G Wireless Communication	N Kumaran, S Ramesh, N. Kumarathan, S Chitra
04.20 pm	EC 1068	Performance comparison of Zigbee and LoRa wireless Networks in a building Environment	T.Kanimozhi, M.A.P.Manimekalai, Kathija Nasreen A, S.N.Sangeethaa, P.Malathi, A. Deepak
04.40 pm	EC 1074	Design and Development of PhysioBot for upper-limb Telerehabilitation Applications	S. Logesh Kumar, M. Aaditi, R. Mirudula Devi, N. Soniya, M. Maniventhan

**Session: EE01- ONLINE**

Date: 22.02.2023

Time: 11.10 am to 05.00 pm

**Session Chair(s):**

1. Dr.S.Ramesh, *Professor/ EEE/ KSR College of Engineering*
2. Mr.S.Saravananan, *Assistant Professor/EEE/VCET*

**Session Coordinator:** Mr.R.Pradeep, AP/EEE

Session in-charge Contact Number : +91 9788196766

Session Link : <https://meet.google.com/rsh-akyg-zvu>

Time	Paper ID	Paper Title	Author(s)
11.10 am	EE 1004	Experimentation and development of achieving Super premium efficiency (IE4) in Induction motor using existing IEC stampings	Premalatha K, Sriram.S, Keerthivasan.T, Thirumoorthi P, Kavitha R
11.30 am	EE 1007	Enhancement of power Quality using Shunt Active Filter	M. Dinesh, R. Uthirasamy, S. Suba, P. Parathraju
11.50 am	EE 1012	A Novel Fault Identification Technique for Transmission Lines based on Spectral Entropy and One-Dimensional CNN	Aleena Swetapadma, Tejashwi Shuvam, Naliniprava Behera
12.10 pm	EE 1013	Econometrics and Time Series Analysis of a Grid Connected Rooftop Solar System and Prosumers Experience in Smart Grids Scenario: A case study	C S Kudarihal, Sunil Kumar, Manoj Gupta
12.30 pm	EE 1021	Optimal Placement of Electric Vehicle Charging Station in Distribution Network with SOS Algorithm	Dipali Dey, Raj Chakraborty, Arup Ratan Bhowmik, Diptanu Das and Anindita Jamatia
02.00 pm	EE 1030	Line Voltage THD Minimization in Multilevel Inverter using Particle Swarm Optimization	R. Kavitha, K. Premalatha
02.20 pm	EE 1032	Modelling Impact Analysis of EVCSL and Effect of Renewable Mix in Distribution Grid	Susovan Dutta, Bishaljit Paul, Barnali Kundu, Chandan Kumar Chanda

02.40 pm	EE 1042	Simulation of the Electrical Control Unit (ECU) in Automated Electric Vehicles for Reliability and Safety Using On-Board Sensors and Internet of Things	M Sunil Kumar, Anuradha T, Yerram Srinivas, Santhi Sri T, Catherine T J, Sagaya Aurelia
03.00 pm	EE 1051	Smart Power-Sharing System for Dormant Domestic Consumers using Green Energy using Wireless Networks	K. Rajesh, I.Emerson, A. Ramkumar, R.Jenitha, Balakrishnan Baranitharan
03.20 pm	EE 1057	Implementation of Maximum Power Point Based Stand Alone 5-MW Microgrid with Solar-Wind-Battery System	Tapendra Tailor Bharat Bhushan Jain Vikash Kumar Yadav Rajkumar Kaushik
03.40 pm	EE 1064	Modeling & Simulation Analysis of Solar PV System Using MPPT Controller for Study of Hybrid Energy System	Hemant Sharma, Akhil Nigam, Kamal Kant Sharma
04.00 pm	EE 1065	Validating Health Status of Transformer: Grey Relational Analysis and Fuzzy Logic.	Manu Kumari, Chilaka Ranga, Ashwani Kumar
04.20 pm	EE 1077	Developing an RBFNN Maximum Power point Tracking Algorithm for a Three-aphase Landman PV-Grid Connection	D.Ravi kishore, S.Sai Ranga Prasad, M.L.C.Sekhar, M.Rahul
04.40 pm	EE 1080	Z-Source Converter with Ultra Gain for Transformer-Less Fuel Cell Integrated Single Phase Grid System	D.Ravi Kishore, Kodiboina Aruna, Nakkina Madhan Sai, Kakarla Chandrika

**Session: CS05- ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr.S.Padmavathi /Associate Professor/CSE/ Amrita School of Computing,  
Amrita Vishwa Vidyapeetham, Coimbatore
2. Dr.J.Rajalakshmi/Assistant Professor/BME/VCET

**Session Coordinator:** Mrs.C.Radhika

Session in-charge Contact Number : +91 9942013134

Session Link : <https://meet.google.com/ayp-buzq-vqj>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 2086	A Novel Hybrid Approach to Detect Camera Tampering	Suraj Goswami, Supriya Mandal
11.05 am	CS 2088	Colonoscopy Polyp Segmentation using Deep Residual U-Net with Bottleneck Attention Module	Shweta Gangrade, Prakash Chandra Sharma, Akhilesh Kumar Sharma
11.25 am	CS 2095	Optimization techniques for preserving privacy in data mining	K.Renuka Devi, K.Balasamy, M. Prathyusha, R.Jeevitha, P.Balasubramanie, Malathi Eswaran
11.45 am	CS 2099	Feature selection for predicting bankruptcy: Comparative analysis	Premalatha G, Priyanka R, Konanki Chaitya
12.05 pm	CS 3011	New versions Elliptic Curve Group Ring Public Key Cryptosystems	Qasim Mohsin Luhaib & Ruma Kareem K. Ajeena
12.25 pm	CS 3016	Analysis of Electrochemical Discharge Machining by Bipolar fuzzy WASPAS method	S. Anita Shanthy and R. Preethi
02.00 pm	CS 3017	Performance and Security Enhanced Improved Hill Cipher	Muralidharan D, Brindha G R, Vijay Sai R, Chakrapani K

02.20 pm	CS 3018	A Deviation based Ensemble Algorithm for Sarcasm Detection in Online Comments	Anurita Bose, Deepanjali Pandit, Nidhi Prakash, Ashwini M. Joshi
02.40 pm	CS 3019	LRDADF: An AI Enabled Framework for Detecting Low-Rate DDoS Attacks in Cloud Computing Environments	V.Venkateshwarlu, Durgunala Ranjith, Amireddy Raju
03.00 pm	CS 3020	Improving bot detection of fake followers on Twitter via a hybrid B-HC optimisation algorithm	Haider A. Gabar Alzeyadi, Fecir Duran
03.20 pm	CS 3023	QRS Detection in digital ECG signal using Deterministic Finite Automata	Mamata Pandey, Anup Kumar Keshri
03.40 pm	CS 3025	A Qualitative Study on Image Quality enhancement, Object detection methods to assist Visually Impaired users	S.Sajini and B.Pushpa
04.00 pm	CS 3029	A Non-small Cell Lung Cancer Detection Technique Using PET/CT Images	Anil Kumar Swain, Aleena Swetapadm, Jitendra Kumar Rout and Bunil Kumar Balabantaray

**Session: CS06- ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr.A.V.Santhoshbabu/ ESEC/ CSE/Erode Sengunthar Engineering College, Perundurai, Erode
2. Dr.S.Sadesh / Professor/ AI & DS/VCET

**Session Coordinator:** Mr.S.Govindaraj, AP/BME

Session in-charge Contact Number : +91 9698048854

Session Link : <https://meet.google.com/kej-ytvp-mjb>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 3042	Dynamic CNN: An Automatic Dynamic Model for Lung Cancer Lesion Detection	Naga Chandrika G, Amreen Shaik, Vamsi Krishna Reddy G, Sai Sandeep V, Nikhil Teddu
11.05 am	CS 3043	Glaucoma Disease Detection Using Deep Learning	Viswa Datta Gudapati, Surapaneni Ravi Kishan, Kartik Anumolu, Ganji Bhargava Sai, Sakhamuri Gowtham
11.25 am	CS 3048	A Novel Pipeline for Compressing Image Buffers in Remote Education Video Conferencing using Harris Corner Detection and Pixel Map Array	Gita Alekhya Paul, Ansh Sharma, Yashvardhan Jagnani, Abhishek Saxena, P Supraja
11.45 am	CS 3060	Role of Blockchain and Information Classification Management	Bhavya Singh Shishodia Manisha J Nene
12.05 pm	CS 3067	Website Phishing Detection of Machine Learning Approach using SMOTE method	K. Subashini, V. Narmatha
12.25 pm	CS 3071	An Effective Prediction of Rainfall Using Machine Learning Technique	Nisha Rana, Guru Prasad M S, Ashutosh Sharma, Pratap M S, M Anand Kumar,
02.00 pm	CS 3074	Biologically inspired ChaosNet architecture for Hypothetical Protein Classification	Sneha K H Adhithya Sudeesh Pramod P Nair Prashanth Suravajhala

02.20 pm	CS 3075	A Data Mining approach on the Performance of Machine Learning Methods for Share Price Forecasting using the Weka Environment	A. Uma Devi, Vishal Kumar R, P Shanmugha Priya, Md Shaik Amzad Basha, M Martha Sucharitha
02.40 pm	CS 3076	Bayesian Network Based Faulty Node Detection in Distributed Wireless Sensor Networks	S. Kalpana Devi, R. Thenmozhi, D. Sathish Kumar
03.00 pm	CS 3083	A Security model with efficient AES and Security Performance Trade-off Analysis of Cryptography Systems with Cloud Computing	Gaganpreet Kaur, Bharathiraja N, Murugesan S, Pradeepa K, Sudhakar G, Vinoth Kumar M
03.20 pm	CS 3086	Security Enhancement in Multimodal System Fusion with Quantile Normalization for Speech and Signature Modalities	Gaganpreet Kaur, Gurgeet Kaur Sandhu, Meenakshi D, Murugesan S, Pradeepa K, Bharathiraja N
03.40 pm	CS 3088	Optimal Stacked Sparse Auto-encoder based Online Analytic Processing (OLAP) Hypercube Text Analysis	K.Kavitha
04.00 pm	CS 3093	Defending Marine Ships against Ethernet based Cyberattacks	Sandip Shinde, Harsh Mehta

**Session: CS07- ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr.J.Premalatha, *Professor/ IT/ Kongu Engineering College, Erode*
2. Dr.K.Ganesh Kumar/ *Associate Professor/ IT/ VCET*

**Session Coordinator:** Mr.J.Senthilnath, AP/EEE

Session in-charge Contact Number : +91 9965172152

Session Link : <https://meet.google.com/svo-ypav-pwg>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 4001	Development of Online Clearance System Using Web-Based System	Abir AlSideiri, Ragad M Tawafak, Ghaliya Al Farsi, Zaihisma Che Cob
11.05 am	CS 4002	Prediction of Insufficient Accuracy for Patient's Length of Stay using Feed Forward Neural Network by comparing Deep Belief Network	Chandragiri Vasanth Kumar, Saravanan M.S, Surendran R
11.25 am	CS 4005	Data Redundancy, Data Phishing, and Data Cloud Backup	Mogiliseti Lokesh, Akula Keerthi Devi, V N S Divya Paruchuri, Dinesh Chowdary Unnava, G.Rama Koteswarao
11.45 am	CS 4006	Model of Markovian Queue with Catastrophe, Restoration and Balking	M. Seenivasan and F. Patricia
12.05 pm	CS 4009	WoS-Driven Bibliometric Analysis on Plant Disease Prediction Model	ChanderRekha Thakur, Ajay Kumar
12.25 pm	CS 4019	An Improved Crime Scene Detection System Based on Convolutional Neural Networks and Video Surveillance	Nandhini T J, K Thinakaran
02.00 pm	CS 4021	Possibilities of Edge Repetition by Sets of Ordered Pairs using Double Mean Labeling	Nandhini M V Maheswari V Balaji

02.20 pm	CS 4023	Application of Deep Reinforcement Learning to an extreme contextual and collective rare event with multivariate unsupervised reward generator for detecting leaks in large-scale water pipelines	Indrajit Kar, Sudipta Mukhopadhyay, Anindya Sundar Chatterjee
02.40 pm	CS 4026	Application of bipolar fuzzy matrices in Flood Damage	T.Muthuraji and P.Punitha Elizabeth
03.00 pm	CS 4028	Design and Analysis of Insider Threat Detection and Prediction System Using Machine Learning Techniques	Anupam Mittal, Urvashi Garg
03.20 pm	CS 4036	LSTM Based Speaker Recognition System with Optimized Features	N.M.Nandhitha, S.Emalda Roslin, B.Rajasekhar
03.40 pm	CS 4038	Climate Intensity Study via the Nutrition Distribution System over Blockchain Deployment	A. Vijaya Kumar, S. Senthilkumar, V. Anjali
04.00 pm	CS 4044	Sentiment Analysis Perspective using Supervised Machine Learning Method	Harold Andrew Patrick, Praveen Gujjar J, M. H Sharief, Ujjal Mukherjee

**Session: EC02 - ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.C.Kavitha, *Associate Professor/ECE*
2. Dr. Parimala Devi, *Associate professor/ECE/VCET*

**Session Coordinator:** Mr.S.Hariprasath, AP/BME

Session in-charge Contact Number : +91 8870222333

Session Link : <https://meet.google.com/vyt-bofa-dmt>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EC 1075	Synthesis of Family of 4-Term Cosine Window Functions Decaying at 42 dB/octave	Ashlesh H Upadhyaya, Prithviraj Bhavikatti, Mohammad Aman Anwar, Manjunath, Raghavendra G Kulkarni
11.05 am	EC 1077	Design Analysis of 1DPhC 532nm Optical Filter	Manisha Chakrabarti (Chattopadhyay), Tapanendu Kundu
11.25 am	EC 1079	Polyisobutylene and carbon nanotube based heterostructure SAW sensor for detection of TCM gas	Ashish Tiwary, Subhrajit Pradhan, Jitendra Kumar, Basudeba Behera
11.45 am	EC 1086	Performance Comparison of Ovarian Tumour Classification Using Deep Neural Network	K.Srilatha, P.Chitra, M.Sumathi, F.V.Jayasudha, I.Mary Sajin Sanju
12.05 pm	EC 1097	Circular Ring Radiator with Defected Ground Structure for UWB Applications	V.Anusha, K.Premchand, V.Suharika, A.Tanmaya,M.Anusha
12.25 pm	EC 2006	Machine Learning Approaches on Pedestrian Detection in an autonomous vehicle	V.Ranganayaki, P.S.Ramesh, R.Babitha Lincy, Jency Rubia J, K Rammohan, A. Deepak

02.00 pm	EC 2013	A Compact Co-Planar Antenna for 5G/WLAN/Vehicular Communication with Stop-Band Characteristics	V Prithvirajan, Divya Gampala, Rajesh Kumar D
02.20 pm	EC 2022	Novel Neural Network for Breast Cancer Diagnosis	Rajyalakshmi Uppada, Sujata Pedada, Himabindu Chinni
02.40 pm	EC 2025	A Delay Compensation Approach for IoT-Enabled Networks with Different Control Strategies	Padmaja Mishra, Rajesh Kumar Patjoshi, Ajay Kumar Yadav
03.00 pm	EC 2030	FPGA Implementation of High Speed Convolutional Encoder and Viterbi Decoder for Software Defined Radio	Hanchinal Punit Basavraj
03.20 pm	EC 2033	Temperature control system with hysteresis for drying oven using IoT	Juan Bucay-Valdiviezo, Sonia Veronica Ocaña Parra, Fernando Saá and José Varela-Aldás
03.40 pm	EC 2034	Comparative Analysis Based Melanoma Detection in Dermoscopic Images with Deep Learning Techniques	Pon Selchiya R, Manimegalai P and Thomas George S
04.00 pm	EC 2035	A Web-Based DICOM Image and Plane Viewer	Priya Darshini B, Deepan Chakkaravarthy N, Gokul B, Sabari Maharaja B
04.20 pm	EC 2036	Design and Implementation of Optimal QCA Nanotechnology based Low-Power Combinational circuits	K.Likhitha, M.Shashi Preetham, C. Sree Ram Sachit, Tareeq Zaid.

**Session: EC03 - ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.V. Radhika, Associate Professor/ EIE/Sri Ramakrishna Engineering College, Coimbatore
2. Dr.S.Rajan, Professor/ECE/VCET

**Session Coordinator** : Mrs. S. Gokula Brinda, AP/EEE

Session in-charge Contact Number : +91 9788406006

Session Link : <https://meet.google.com/yjr-tjzk-dvz>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EC 2037	MU-MIMO User Selection & OFDMA in 802.11AX-Based WI-FI Networks	Keloth Vasumathi, Rajkumar L Biradar
11.05 am	EC 2041	Error Vector Magnitude Estimation for Intelligent Optical Performance Monitoring using Transfer Learning	Himanshu Chaudhary, R. K. Jeyachitra, Sindhumitha Kulandaivel
11.25 am	EC 2043	Machine Learning based Multi-Parameter Light Path Quality of Transmission Estimation and Prediction in Optical Networks	M Krishna Naik, R. K. Jeyachitra, Pradeep Doss M
11.45 am	EC 2045	Comparative analysis of Hybrid adders with different Technology node using cadence virtuoso	Mursina Khatun, Ajay Singh Raghuvanshi, Sonal Yadav
12.05 pm	EC 2049	Mathematical Modeling and Controller Design for Hydraulic Motor	Sandeep Kumar Sunori, Govind Singh Jethi, Abhijit Bhakuni, Priyanka Joshi, Pradeep Juneja
12.25 pm	EC 2053	Investigative Study for Identification & Categorization of Leukaemia Cell	Abhishek Shivathaya, Abhishyam M S, Krishnanand Venkatesh Bhat, Pooja N and Roopashree
02.00 pm	EC 2056	Development of highly sensitive and stable electrochemical sensor for H <sub>2</sub> O <sub>2</sub> detection by facile synthesized copper nanoparticle thin film	Navashree Nagarajan, Parthasarathy Panchatcharam

02.20 pm	EC 2057	A review on functionalized biosensors and its mechanism behind the clinical diagnosis of dopamine	Navashree Nagarajan, Parthasarathy Panchatcharam
02.40 pm	EC 2058	The Meritorious Effects of Machine Learning Algorithms in Assessment of Power Consumption by Arithmetic Circuits in IC Design	Saravanakumar.C, Sivanantham.P, Sowmiya.P, Sasikala.A, Syed Nasruddin.S, Subhashini.N
03.00 pm	EC 2062	Vedic Divider: A Novel Design for Deconvolution Algorithm based on Vedic Math	Kolukulapally Arun, P. Kalyani, Shaik Fouziya Samreen and Shereen
03.20 pm	EC 2067	Sequential Non-Linear Programming Optimization: A Novel Design Optimization of a Multiband MIMO Antenna	S. Salma, Habibulla Khan, B. T. P Madhav, D. Satwik Reddy, B. Venu, D. Ram Sandeep
03.40 pm	EC 2070	A Novel Image Encryption Algorithm Based on Chaotic Map	K. Subhashini, R. Amutha
04.00 pm	EC 2078	Dual-band Patch Antenna for Next Generation Indoor Access Point Receiver	Thirunavukkuarasu G, Nithin R, Nandhini S, Rajalingam J
04.20 pm	EC 2079	Design of Dual Band Low Noise Amplifier for Next Generation Indoor Access Point Receivers	Thirunavukkuarasu G, Harshavardhini B, Lokesh V, Manoj Kumar S

**Session: EE02 - ONLINE**

Date: 23.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.R.Shivakumar /Professor /EEE/ Sona college of Technology Salem
2. Mr.P.Rajasekaran/AP /EEE/VCET

**Session Coordinator:** Mr.R.Pradeep, AP/EEE

Session in-charge Contact Number : +91 9788196766

Session Link : <https://meet.google.com/rsh-akyg-zvu>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EE 1084	Interleaved DC-DC Boost Converter with Coupled Inductors	Sivaprasad Kollati, Godi Poojitha, Bobbepalli Gopi, Kunche Swarna Nikhitha
11.05 am	EE 1088	Zero Blackout Avoidance Keeping Emergency Services at Priority using Machine Learning	Saurabh Ganpat Munde, Ajay S. Laddkat, Rajashri Patil
11.25 am	EE 1089	A Plug-in electric vehicles integrated into a power distribution system with a dynamic voltage regulator and energy storage	CH.Siva Ganesh, Ummidi Vijay Kumar, Nulu Hemanth Srinivas Gupta, Velamkayala Bhanu Prasad
11.45 am	EE 1090	Effect of Mesh Elements and Hyper-parameter over 2-Dimensional Electrical Impedance Tomography Model	Priya Tushar Hankare, Alice N. Cheeran
12.05 pm	EE 1098	FPGA Based High Frequency PWM Generation for H-Bridge Inverter in Wireless EV Chargers	Ayush Gupta, Mahesh Aganti, C Bharatiraja
12.25 pm	EE 2005	Use of ML Techniques for Li-Ion Battery Remaining Useful Life Prediction-A Survey	Ayush Tiwari, C R Amrutha Varshini, Arya Jha, K Rahul Annamalai, K. Deepa, V. Sailaja.

12.40 pm	EE 1015	Continuous Input High Gain Bidirectional DC-DC Converter for Renewable Energy Integration	Aakriti Pandey, Swapnajit Pattnaik
02.00 pm	EE 2012	Extraction of Overhead Transmission Towers from UAV Images	Satheeswari Damodaran, Leninisha Shanmugam, N.M.Jothi Swaroopan
02.20 pm	EE 2013	Green Hydrogen Generation from the PEM Electrolyzer Powered by Solar Panel	Raj Kapur Kumar, Paulson Samuel
02.40 pm	EE 2016	Performance of Three-Phase Induction Motor with Space Vector Pulse Width Modulation under Artificial Neural Network Control	Ajay Kumar Sahu, Dheeraj Joshi
03.00 pm	EE 2018	Optimal Tuning of PI Controllers for IM Drive using GWO and TLBO Algorithms	Shaija P. J., Asha Elizabeth Daniel
03.20 pm	EE 2022	Robust Control Technique for Three Machine Nine Bus System	Yogendra Saini, Aashiq Hussain, Ravi Hada, Gaurav Jain, Bhuvnesh Rathor
03.40 pm	EE 2023	Feasibility of Time Domain Analysis for Classification of Non-Stationary Signals	T. Thaj Mary Delsy, N.M.Nandhitha, S.Emalda Roslin
04.00 pm	EE 2027	Mechatronics Development of Hexapod Robot Controlled by Bioinspired Locomotion Steps for Farmlands Visual Exploration	Juan Carlos Suárez- Quispe, Ernesto Godínez-De-La-Cruz, Wilson Martín- Quevedo, José Machuca-Mines, José Cornejo, Ricardo Barreto
04.20 pm	EE 2028	Comparison of Level Shifted SPWM Methods for Three Phase, Seven Level Reduced Switch Based Multilevel Inverter	Rishi Raj Jaiswal, Raj Kapur Kumar, Majhrul Israr, Paulson Samuel

**Session: CS08- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr.P.Kaladevi, *Associate Professor, CSE/ K. S. Rangasamy College of Technology, Namakkal*
2. Dr.S. Rajalakshmi, *Professor/ IT/ VCET*

**Session Coordinator:** Mrs.C.Radhika

Session in-charge Contact Number : +91 9942013134

Session Link : <https://meet.google.com/ayp-buzq-vqj>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 4046	Cyber Security Tool for Combat Remote Work Vulnerability	Menaka S, Navaneethakrishna K, Blesswin Geo Sam J A, Hariharasuthan V K, Murugesan S, Bharathiraja N
11.05 am	CS 4050	Heart Diseases Prediction Using Back Propagation Neural Network with Butterfly Optimization	B. Ayshwarya, M. Dhanamalar, V.R Sasikumar
11.25 am	CS 4057	Task scheduling in cloud computing using Heterogeneous Initial Finish Moment technique	V.Balajishanmugam, N.Karthikeyan, S.Karthik
11.45 am	CS 4059	An advanced intrusion detection algorithm for network traffic using convolution neural network	Arun Kumar Silivery, Kovvuru Ram Mohan Rao, Ramana Solleti
12.05 pm	CS 4060	Plant leaf diseases prediction using Butterfly optimization BO with support vector machine SVM	Ramanathan G and Sevuga Pandian A
12.25 pm	CS 4061	Interval-Valued Picture Fuzzy Geometric Bonferroni Mean Aggregation Operators in Multiple Attributes	Kishorekumar M, Karpagadevi M, Mariappan R, Krishnaprakash S and Revathy A
02.00 pm	CS 4062	Comparative study of machine learning and deep learning based motor vehicle accident judgment classification	Jakesh P Kuriakose, Jayasree N

02.20 pm	CS 4067	An Effective Framework for Predicting Stroke Prediction using Machine Learning Technique	Santosh Kumar Satapathy, Hari Kishan Kondaveeti, Drashti Parmar
02.40 pm	CS 4082	MCDM by New Operational law and Aggregation Method of Intuitionistic Multi Fuzzy Sets Based on Archimedean t-norm and t-conorm	Anitha B, Seethalakshmi P
03.00 pm	CS 4083	Hesitant Triangular Fuzzy Dombi Operators and Its Applications	Anitha.B, Vidhya.M
03.20 pm	CS 4084	Neutrosophic Triangular Fuzzy Number Under Einstein Aggregation Operator with Application for Effective Tap Selection	Anitha.B, Tharini.P
03.40 pm	CS 4086	Equilibrium strategy of bi-matrix triangular fuzzy games with payoffs expressed by more than one expert	Namarta, Parmpreet Kaur, Umesh Chandra Gupta
04.00 pm	CS 4093	Lightweight Anti DDoS Security Tool: Edge Level Filtering in SDN using P4	Masumi Arafune, Bhargavi Goswami, Manasa Kulkarni, Nagarajan Venkatachalam, Saleh Asadollahi

**Session: CS09- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr. R. Anand, AP/EEE/Amrita Vishwa Vidyapeetham, Bangalore
2. Dr. R.Menaka, Assistant Professor/ IT/ VCET

**Session Coordinator:** Mr.S.Govindaraj, AP/BME

Session in-charge Contact Number : +91 9698048854

Session Link : <https://meet.google.com/kej-ytvp-mjb>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 4097	GNSS Signal Obstruction Removal Tool for Evaluating and Improving Position Accuracy in Satellite Networks	Kazuki Hirota, Bhargavi Goswami, Manasa Kulkarni
11.05 am	CS 5005	Reactive Fault Tolerance Aware Workflow Scheduling Technique for Cloud Computing using Teaching Learning Optimization Algorithm	Vigilson Prem M, Paulraj D
11.25 am	CS 5006	Application of Fermatean Fuzzy Sets in Career Determination	K.Lalitha, N.Buvaneswari
11.45 am	CS 5010	Fetal Head Circumference Measurement from Ultrasound Images Using Attention U-Net	Parvathavarthini S, Sharvanthika K S, Sindhu S, Kaviya K
12.05 pm	CS 5012	An overview of geoSpatial Artificial Intelligence technologies for city planning and development	Ouchra Hafsa, Abdessamad Belangour and Allae Erraissi
12.25 pm	CS 5015	STOA based Feature Selection with Improved LSTM Model for Breast Cancer Diagnosis in IoT	Vudutha Sravanthi, T Annapurna, V Rama Krishna, B Jyothi
02.00 pm	CS 5019	A Robust Vehicular Networking Management System for the Traffic Control Using PK-DCNN Classification and L-SSA Based Rerouting	R. Ruhin Kouser, T. Manikandan

02.20 pm	CS 5030	A Novel Approach for Secured Decentralised Data Protection Vault	Alok Mathur, Prasoon Soni, Nanduri Jayant Vishnu, Dhruvil Patel, Kakelli Anil Kumar
02.40 pm	CS 5032	Deep Learning-based Segmentation and Computer Vision-based Ultrasound Imagery Techniques	S Girinath, T Kavitha, Pamulapati Satish Chandra, Nellore Manoj Kumar, Naveen Kishore Gattim, Ratna Kumari Challa
03.00 pm	CS 5039	Analyzing Security and Privacy issues for Multi-Cloud Service Providers Using Nessus	Tarlok Singh, Ajay Kumar
03.20 pm	CS 5053	Optimization of Outlier Nodes of DBSCAN using PSO in Zone based Wireless Sensor Networks	Jasmine Beulah G, Vinothina V
03.40 pm	CS 5057	Amount and Location Based Credit Card Fraud Detection	Nagaraju Devarakonda, Sai Rishitha Mulpuri, Srilakshmi Thanmayi Tripuramallu and Maddi Sathwika
04.00 pm	CS 5062	Deep Learning-based Hybrid Technique for Forecasting Web Traffic	Akash Mahanand, Prathibha Prakash, Anjuna Devaraj

**Session: CS10- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.20 pm

**Session Chair(s):**

1. Dr.Thayyaba Khatoon Mohammed, *Professor/CSE/ Malla Reddy university Hyderabad*
2. Dr. S.Gokulraj, *Associate Professor/ CSE/ VCET*

**Session Coordinator:** Mr.J.Senthilnath, AP/EEE

Session in-charge Contact Number : +91 9965172152

Session Link : <https://meet.google.com/svo-ypav-pwg>

Time	Paper ID	Paper Title	Author(s)
10.45 am	CS 5064	Batch Normalized Siamese Network Deep Learning Based Image Similarity Estimation	M. Shyamala Devi, J. Arun Pandian, Aparna Joshi, Yeluri Praveen
11.05 am	CS 5084	An Efficient way of Emotion and Gesture Recognition using Deep Learning Algorithms	Periyamayaki M, Premkumar Duraisamy, M Duraisamy, Yuvaraj Natarajan
11.25 am	CS 5086	Automatic Classification and Feature Extraction of Bar Charts in Scanned Documents	Paramita De
11.45 am	CS 5089	Automation of Short Answer Grading Techniques: Comparative Study using Deep Learning Techniques	Arunima Divya, Vivek Haridas
12.05 pm	CS 6005	Artificial Intelligence Based Multi Class Classification of Diseases from Different Plants	Madduru Sambasivudu, Medida Jayapal, Chiriki Usha, Potu Sai Manisha
12.25 pm	CS 6010	Inception Adaptive Gradient L2 Regularized Learning Rate CNN for Strawberry Leaf disease Detection	M. Shyamala Devi, S. Shanthana, B. Hemasri
02.00 pm	CS 6011	Artificial Neural Networks Model for Predicting the Strength of FRP-Contained Concrete	Merrisha John
02.20 pm	CS 6012	Identification of disease critical Genes for Triple Negative Breast Cancer, TNBC, using Particle Swarm Optimization, PSO, with Machine Learning	Suman Mitra, Sriyankar Acharyya

02.40 pm	CS 6022	An Efficient and Speedy approach for Hierarchical Clustering Using Complete Linkage method	Payel Banerjee, Amlan Chakrabarti, Tapas Kumar Ballabh
03.00 pm	CS 6023	Design of Physically Unclonable Function for FPGA Identification	R.V.Rohinth Ram, R.Meena Kaveri, P.Bhuvanesh, K.Mariammal
03.20 pm	CS 6024	Analysis of Machine Learning and Deep Learning to Forecast Prices on Several Crypto Exchanges	Ummeey Saleha Sumi, Rashida Akter, Kazi Afrime Ahamed, Somir Sutradhar, Sabbir Ahamed, Tahasin Elias
03.40 pm	CS 6031	Fermatean Fuzzy Normalised Bonferroni Mean Operator in Multi Criteria Decision Making on Selection of Electric Bike	Revathy A, Inthumathi V, Krishnaprakash S, Kishorekumar M
04.00 pm	CS 6034	An Immuno-Inspired Approach towards Post-Processing of OCR errors	Puberun Boruah

**Session: EC04- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.D.Angeline Vijula , *Associate Professor, Instrumentation and Control Systems Engineering, PSG College of Technology, Coimbatore*
2. Dr.K.Venkatachalam, *Professor/ ECE/ VCET*

**Session Coordinator:** Mr.S.Hariprasath, AP/BME

Session in-charge Contact Number : +91 8870222333

Session Link : <https://meet.google.com/vyt-bofa-dmt>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EC 2084	A Comparative Performance Analysis of CBIR using Wavelet and Contourlet Transform	Parmeshwar Birajadar, Abhijit Shete
11.05 am	EC 2096	Blood Sugar Level detection and storage using Split Ring Resonator and Python	Nandini Ammanagi, Yogesh Inamdar, Sakshi Gupta, Mihir Ranje and Rushikesh Palekar
11.25 am	EC 2099	Internal Control Automatic vascular detection system for patient care in the face of vascular intervention in the forearm	Marilu Polo-Nicacio, Astrid Cardenas-Solis and Yrene Uribe-Hernandez
11.45 am	EC 3024	Supply-Demand Matching Strategies for Smart Grid Congestion Management	A Geetha Devi, Jitendra Patel, Veeraswami Yaragani, Bhavana Godavarthi, Ashok Kumar and W Syed Rayyan Akmal
12.05 pm	EC 3025	Design of C - Slot Based MIMO antenna for safety and non- safety applications of V2V Communication	Prasanan V, Ramesh S
12.25 pm	EC 3029	Performance Evaluation of Measurement Matrices in Compressed Sensing	Arti Kumari and Sanjeet Kumar
02.00 pm	EC 3040	Sensitivity Analysis of Polarity Control Electrically doped GaAs-InAs Tunnel Field Effect Transistor for Bio-sensing Application	Dharmender, Piyush Yadav, Rashi Gupta, Shivangi Singh

02.20 pm	EC 3056	Implementation of Dual-Chamber Pacemaker for Low-power Applications	Pavankumar Bikki, Yenduri Dhiraj and R.V.S Nivas kumar
02.40 pm	EC 3075	Enhanced Time Slotted Channel Scheduling for Constrained Networks	Nilam Pradhan, Bharat S. Chaudhari, and Prasad D. Khandekar
03.00 pm	EC 3083	Categorization & Classification of Acute & Chronic Leukaemia using Visual Geometry Group -16 Deep Convolutional Neural Network Architecture	Roopashree, Malini Suvarna, Dayakshini
03.20 pm	EC 3085	Analysis of an Efficient Linear Congruential Generator Architecture for Digital Applications	Sujitha.A, Lakshmi.L, Mathan N and Narmadha R
03.40 pm	EC 3087	XG Boost Algorithm Based Hardware Trojan Detection in Hardware Circuits	A.Vennila, S.Balambigai, A.Arulmurugan, M.Hema,M.Kamali, M.Kishore
04.00 pm	EC 3089	An Autonomous Driving System for Image based Lane Segmentation	Sheeba Joice. C, Karthi. A, Korrapati Himakumar, Dhanush Kumar. M

**Session: EE03- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.S.Saravanan, *Professor/ EEE/ Erode Builders Engineering College, Tirupur*
2. Dr.S.Mahendrakumar, *Professor/ ECE/ VCET*

**Session Coordinator:** Mrs.S. Gokula Brinda, AP/EEE

Session in-charge Contact Number : +91 9788406006

Session Link : <https://meet.google.com/yjr-tjzk-dvz>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EE 2029	Increasing the autonomy of electric cars using the energy provided by own photovoltaic panels	Alexandru Ţurcanu
11.05 am	EE 2038	A Hardware Implementation of Incremental Conductance MPPT Algorithm in Photovoltaic System using Cuk Converter for Battery Charging	Sachin P Jadhav, Shashikant Prasad, Swaraj S Kadam, Harshal Vaidya
11.25 am	EE 2039	Realization of Silicon based optical sensor for investigating the quality of mines water: a proposal for environmental monitoring sensing Device	Atmabhu Das, Pratap Kumar Panigrahi, Gopinath Palai
11.45 am	EE 2046	A Single-Phase Nine-Level Grid-Connected Inverter for PV Applications	E. Parimalasundar, Kumar Reddy Cheepati, V. S. Chandrika, R. Senthil Kumar, K. Suresh, S. Jayakumar
12.05 pm	EE 2047	On the Loading and Workability of Synthetic Ester Filled Transformers	G.T.Naidu, J.Jacob, R.Madavan, Suresh Kumar Sudabattula
12.25 pm	EE 2048	Power Quality Improvement in DFIG Based Grid Connected Wind Energy Conversion System	S. Balaraju, P. Abhishek Goud, Ch. Veera manikanta, M. Dinesh Sai durga

02.00 pm	EE 2050	Optimal Placement of Micro-Phasor Measurement Units in Distribution Network Using Pattern Search Algorithm	Manam Ravindra, Ramesh Adireddy, Kambampati Lakshmi, Karri Manoz kumar reddy, Donepudi Tata Rao, Rayapudi Srinivasa Rao
02.20 pm	EE 2056	Developing Controller Algorithm for an Active Cell Balancing Topology through Model-based Design.	Kathiroli Vasu, Farvez Farook S, Shreyanth S.
02.40 pm	EE 2057	Comparative Analysis of Five Level Cascaded Multilevel Inverter by Level Shift & Phase Shift PWM Techniques	Champa P N, Abhay Deshpande A, K Venkatesha
03.00 pm	EE 2060	Fuel Cost Optimization of Coal-Fired Power Plants using Coal Blending Proportions	Prashant Shukla, Amit Kumar Singh, Ashish Trivedi, Vibha Trivedi, Ouissal Chichi
03.20 pm	EE 2063	Study on the freshness of apple using electrical property- A Non-destructive method	Nithya Priya S, Thenmozhi G, Abarna S, Shanmugaraja P
03.40 pm	EE 2068	Fuzzy Inference Based Open and Short Circuit Fault Detection in PMSM with Magnetic Domain Model	Tej Singh, Supriya Jaiswal
04.00 pm	EE 2071	Utilization of optimization strategies in photovoltaic integrated multilevel inverters for enhancing power quality	Sivaprasad Kollati, Kakara Veereshkumar, Pennada Sivalakshman, Bezzam Karunya
04.20 pm	EE 2072	Performance Analysis of Blended NIDS Model for Network Intrusion Detection System in WSN	Sri Vidhya.G, R.Nagarajan, S.Kannadhasan

**Session: EE04- ONLINE**

Date: 24.02.2023

Time: 10.45 am to 04.40 pm

**Session Chair(s):**

1. Dr.T.Kalavathi Devi, Associate professor/EIE/ Kongu Engineering College
2. Dr.V.Gowrishankar, Associate professor /ECE/ VCET

**Session Coordinator:** Mr.R.Pradeep, AP/EEE

Session in-charge Contact Number : +91 9788196766

Session Link : <https://meet.google.com/rsh-akyg-zvu>

Time	Paper ID	Paper Title	Author(s)
10.45 am	EE 2074	Modeling and Controlling of AC/DC Hybrid Microgrid	D. Ravi Kishore, Muchhuapalli Sai Manoj, Adapala Sri Sai Venkata Kishore, Devadi Hari Krishna Veerandra
11.05 am	EE 2075	Evaluating the efficiency of photovoltaic cells in complex picture fuzzy soft environment	S. Anita Shanthi and T. Umamakeswari
11.25 am	EE 2076	Performance Analysis of 5G Waveforms for MIMO System	Shivayola Grishma, Sunitha Tappari
11.45 am	EE 2078	Improved Fractional Filter IMC-PID Controller Design for SISO and MIMO Process	Kavya Jangala, Rathaiah.M, Kiranmayi.R, Bharat Kumar.P, Nagabhushanam.K, Swathi.N
12.05 pm	EE 2079	Generalized-Order PI Controllers Based on Set Point Weighted Structure	K.Kranthi kumar and R.Kiranmayi
12.25 pm	EE 2081	Design of Tilted Integral Derivation Control Method for A Process with An Uncertain Parameter	Haseena.C H, Rathaiah.M, Kiranmayi R, Bharath Kumar P, Nagabhushanam. K, Firdouse Kowsar Ahamadia. K

02.00 pm	EE 2082	Enhanced design of PI-PD Controller based on Smith Predictor for Integrating Processes with Time Delay.	Sreevalli.V, Rathaiah.M, Kiranmayi.R, Bharath Kumar.P, Nagabushanam.K and Firdouse kowsar Ahamadia.K
02.20 pm	EE 2084	A novel demand response algorithm for grid connected microgrids that maximises renewable energy utilisation	Adapa Sudheer kumar, Nalla Saikumar, N Pothuraju Sasikumar, N Ponnappalli veera venkata Akshit Sai, Jalem Raj kiran
02.40 pm	EE 2087	Fuzzy logic based placement of renewable energy-DGs in the power distribution system	Abhay Kumar, Raj Kapur Kumar, Ashish Singhal, Subinoy Roy, Aayush Shrivastava
03.00 pm	EE 2089	A Modified P&O Technique for Solar based EV Charging with SEPIC	Birudala Venkatesh Reddy, Ch. Chengaiah
03.20 pm	EE 2090	Autonomous Underwater Robotic Electric Vehicles for Inter-Robot Line-of-Sight Tracking and Range Communication	A Raveendra, R Shanmugasundaram, J Madhuri Sailaja, Gopichand Boosa, I S N V R Prasanth, Ashish Verma
03.40 pm	EE 2093	Performance Analysis of Higher Order Generalized Integrator based Phase Locked Loops for Grid Interactive Inverter	Poonam Tripathy, Banishree Misra, Byamakesh Nayak
04.00 pm	EE 2099	Maximum Torque per Ampere Control for Permanent Magnet Synchronous Motor Drive using FOPID Controller	Shrankhala Ganveer, Amit Ojha
04.20 pm	EE 3003	Adaptive Sliding Mode Controller (ASMC) for parallel VSCs in an AC Microgrid with PV, Wind, Diesel generation and Battery storage	T.Hussain, Anand Singh, Manish Khemariya