

2021 Fourth IEEE International Conference on
Electrical, Computer and Communication Technologies (ICECCT 2021)

15-17, September 2021 | Erode, India | www.icecct.com

Program Schedule

Date	Time	Event
15.09.2021	09.30 am to 10.00am	Inaugural Function
15.09.2021	10.00 am	Keynote 1: Dr. V N Mani Scientist-E, Centre for Materials for Electronics Technology(C-MET) Department of Electronics & Information Technology, Govt. of India
15.09.2021	11.00 am to 04.30pm	Session: CS01(Online)
		Session: CS02(online)
		Session: EC01(online)
		Session: EC02(online)
		Session: EE01(online)
15.09.2021	04.30pm	Keynote 2: Dr. Sanjay Misra Professor of Software Engineering, Covenant University, Nigeria
16.09.2021	09.30 am	Keynote 3: Prof. Somshekhar Professor, NIT Warangal
16.09.2021	10.30 am to 04.40 pm	Session: CS03(online)
		Session : CS04(Online)
		Session : EC03(online)
		Session: EE02(online)
		Session: EE03(online)
17.09.2021	09.30 am	Keynote 4: Prof. Pramod Kumar Singh ABV-IIITM Gwalior
17.09.2021	10.30 am to 04.00 pm	Session: CS05(online)
		Session: CS06(online)
		Session: EC04(online)
		Session: EC05(online)
		Session: EE04(online)
17.09.2021	04.00 pm	Valedictory Function

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

Link for Inaugural & Keynote:

<https://us02web.zoom.us/j/85003679929?pwd=a1Vdm9xYXg0UmlvcktlZzQzME1Zdz09>

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 powerpointpresentation(ppt or pptx)
5. Duration of presentation: 10 minutes (presentation) + 5minutes(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: CS01

Date: 15.09.2021

Time: 11.00 am to 04.30 pm

Session Chair:

Dr. Mukta Jagdish, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM) College, Port Blair

Dr. Sadesh, Professor/CSE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. S. Ashwanth

Session in-charge Contact Number:+91 99426 73319

Google Meet ID/Link: <https://meet.google.com/vyk-odjn-bqo>

Time	Paper ID	Paper Title
11.00 am	CS 1026	COVID-19 Prevention Melioration: Face Mask and Social Distancing Detection
11.20 am	CS 1027	Breast Cancer Detection at early stage using Machine learning Techniques on Mammograms
11.40 am	CS 1038	Software Complexity Reduction through the Process Automation in Software Development Life Cycle
12.00noon	CS 1052	A Secured Quantum Key Exchange Algorithm using Fermat Numbers and DNA Encoding
12.20 pm	CS 1068	Automated Lymph Nodes Classification using Factorized Convolution-based CNN
12.40 pm	CS 1080	Visual Malware Classification Using Transfer Learning
02.10 pm	CS 1081	An Authentication algorithm for Mitigating DoS attacks in Wireless Body Sensor Networks
02.30 pm	CS 1092	Animal Breed Classification and Prediction Using Convolutional Neural Network Primates as a Case Study
02.50 pm	CS 3006	Cataloguing Of Coronary Heart Malady Using Machine Learning Algorithms
03.10 pm	CS 3008	Attack and Anomaly Prediction in IoT Networks using Machine Learning Approaches
03.30 pm	CS 3011	Security against SSDF attacks using Novel Attack Mitigation Mechanism for Cognitive Radio Networks
03.50 pm	CS 3017	Study on Routing in VANETs – A QoS Perspective
04.10 pm	CS 3021	Design Of Medi-Chain: A Blockchain and Cloud Based Health Record System

Session: CS02

Date: 15.09.2021

Time: 11.00 am to 04.30 pm

Session Chair:

Dr. M. G. Sumithra, Professor & Head-CFRD, KPR Inst. of Engineering and Technology, Coimbatore
 Dr. V.Latha Jothi, Professor/CSE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Ms.S.Maheswari

Session in-charge Contact Number: +91 96981 78441

Google Meet ID/Link: <https://meet.google.com/bsv-bcju-rme>

Time	Paper ID	Paper Title
11.00 am	CS 3023	An Overview of Relevant Literature on Different Approaches to Word Sense Disambiguation
11.20 am	CS 3027	An Overview of Speaker Adaptation Techniques with GMM and DNN Models in ASR System
11.40 am	CS 3036	Construction of Reverse Logistics Network of Waste Electrical Appliances
12.00noon	CS 3039	Text-based Image Retrieval Using Captioning
12.20 pm	CS 3048	Test Evaluation Metrics and Test Case Prioritization in the Dynamics of Software Testing
12.40 pm	CS 3081	Machine Learning-based Congestion Control Routing Strategy for Healthcare IoT Enabled Wireless Sensor Networks
02.10 pm	CS 3084	Multiple Feature-Based Glaucoma Detection From Optic Images Using Support Vector Machine
02.30 pm	CS 3087	Assessment of Shoreline Change Detection in Alappad region Kerala using Geospatial Technology
02.50 pm	CS 3089	Generating Association Rule Correlating on Behavioural Bias Pattern from Retail investors Using chi-square Measure
03.10 pm	CS 3091	Software Defects Detection and Prevention Through Virtualization
03.30 pm	CS 3094	Abstractive Text Summarizer: A Comparative Study on Dot Product Attention and Cosine Similarity
03.50 pm	CS 3099	Building an AI Model On ECG Data For Identifying Burnout/Stressed Healthcare Workers Involved in Covid-19 Management
04.10 pm	CS 4000	English to Indian Language and Back Transliteration with Phonetic Transcription for Computational Linguistics Tools based on Conventional Transliteration Schemes

Session: EC01

Date: 15.09.2021

Time: 11.00 am to 04.30 pm

Session Chair:

Dr. Prabhakar, HoD/BME, Sona college of Technology, Salem

Dr. S.Mahendra Kumar, ASP/ECE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. S. Govindaraj

Session in-charge Contact Number: +91 96980 48854

Google Meet ID/Link: <https://meet.google.com/qtc-ybip-pcj>

Time	Paper ID	Paper Title
11.00 am	EC 1001	Design and Simulation of Graphene Based Antenna for Frequency and polarization Reconfigurations
11.20 am	EC 1016	Automation solution for Software Testing of CAN-based ECUs
11.40 am	EC 1026	Guided filtering based real time flood area identification on bitemporal satellite images
12.00noon	EC 1028	Strong Single-Arm Latch Comparator with Reduced Power Consumption
12.20 pm	EC 1029	Design and Implementation of Efficient Stochastic Number Generator
12.40 pm	EC 1030	Floating Point Arithmetic Unit with Multi-Precision For DSP Applications
02.10 pm	EC 1031	Regional Congestion Aware Odd Even Routing with Fair Arbitration for Network on Chip
02.30 pm	EC 1037	Circular-Shaped Fractal Microstrip Patch Antenna with Square-Shaped Slots for Various Wireless Applications
02.50 pm	EC 1040	Pedestrian Detection in Extreme Weather
03.10 pm	EC 1041	Web Scraping based Smart irrigation system with telegram alerts for farmers
03.30 pm	EC 1044	Quantum Computing: Challenges and Opportunities
03.50 pm	EC 1046	SoC Verification For The AXI Interconnect Based on The Static Fixed-Priority Scheduling Algorithm
04.10 pm	EC 1047	Intelligent Pothole Detection System using Deep Learning Approach

Session: EC02

Date: 15.09.2021

Time: 11.00 am to 04.30 pm

Session Chair:

Dr. Ve.Jayanthi, Prof& Head/ Department of BME, PSNA College of Engineering & Technology, Dindigul
 Dr. V.Chandrasekar, Professor& Head/MDE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. V. Sabarivelu

Session in-charge Contact Number: +91 99445 22802

Google Meet ID/Link: <https://meet.google.com/idc-nuge-qqu>

Time	Paper ID	Paper Title
11.00 am	EC 1067	Enhanced Non-invasive Study of Brain Tumor Using AI and FFCM for Segmentation Analysis
11.20 am	EC 1069	Fractal Koch curve MSA array based on SRR with enhanced radiation characteristics for 5.24 GHz WLAN application
11.40 am	EC 1074	Development of C band Patch Antenna for WLAN and Satellite Applications using Metamaterial
12.00noon	EC 1079	Electronic Tunable Bi-Quad Filter using MO-CCCDTA
12.20 pm	EC 1080	Nano Cylindrical Dielectric Resonator Antenna Using Titanium dioxide for Wi-Fi Applications
12.40 pm	EC 1081	Cascaded LPF/BSF with Stepped Impedance Loop Resonator for RF Applications
02.10 pm	EC 1083	A Review-and-Reviewer based approach for Fake Review Detection
02.30 pm	EC 1087	An End-To-End 1D-ResCNN Model For Improving The Performance Of Multi-parameter Patient Monitors
02.50 pm	EC 1090	Design and Simulation of Energy Efficient Routing Protocols for Underwater Wireless Sensor Networks
03.10 pm	EC 1091	A Novel Approach for Emotion Recognition for Pose Invariant Images Using Prototypical Networks
03.30 pm	EC 1097	Development of Configurable Static Random Access Memory (SRAM) for Space Applications
03.50 pm	EC 1098	Classification of Capsule Endoscopy Images based on Feature Concatenation of Deep Neural Networks
04.10 pm	EC 3003	Automatic Cell Balancing with Switched Capacitor for Multi Cell Connectivity

Session: EE01

Date: 15.09.2021

Time: 11.00 am to 04.30 pm

Session Chair:

Dr. C.Gowrisankar, Professor/EEE, KSR College of Engineering, Tiruchengode

Dr. K.Vanchinathan, ASP/EEE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Ms.S. Sudha

Session in-charge Contact Number: +91 95009 25588

Google Meet ID/Link: <https://meet.google.com/gne-tmoj-dqp>

Time	Paper ID	Paper Title
11.00 am	EE 1001	Relay coordination in DG integrated system
11.20 am	EE 1020	Enhanced Power Sharing of Droop controlled differently rated inverters in Standalone AC Microgrid
11.40 am	EE 1021	A Novel Technique for Optimal Allocation of RDG Units on Distribution Network
12.00noon	EE 1023	Development and analysis of adaptive PID controller using LMS algorithm for Distribution Generation-Inverter
12.20 pm	EE 1027	Speed Control of Three phase Permanent Magnet Synchronous Motor using Sliding Mode Controller
12.40 pm	EE 1031	Improvement of Transient Stability by Teaching Learning based Optimization Tuned AVR Associated PSS System
02.10 pm	EE 1033	Reactive power control of a real valued DVC grid connected microgrid system with the help of optimally placed PMUs
02.30 pm	EE 1035	Voltage harmonics-based islanding detection for grid-tied photovoltaic systems
02.50 pm	EE 1038	A 0.9-20 GHz Image Rejection Receiver for Software-Defined Radios
03.10 pm	EE 1039	Load forecasting by the Main grid controller using ANN and the implementation of demand response using Micro-controller
03.30 pm	EE 1040	A Reliable Dengue Disease Detection Methodology using Fuzzy Logic
03.50 pm	EE 1041	Simulation and Optimization of Solar Photovoltaic–Wind–Diesel Generator Stand-alone Hybrid System for an Isolated Region
04.10 pm	EC 4030	SAR Analysis of Human Head Model Using Common Antennas of 4G LTE Mobile Communications

Session: CS03

Date: 16.09.2021

Time: 10.30 am to 04.40 pm

Session Chair:

Dr. Mukta Jagdish, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM) College, Port Blair

Dr. S.Jabeen Begum, Professor & Head/CSE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. Ashwanth

Session in-charge Contact Number: +91 99426 73319

Google Meet ID/Link: <https://meet.google.com/vyk-odjn-bqo>

Time	Paper ID	Paper Title
10.30 am	CS 4001	Answer-Agnostic Question Generation in Privacy Policy Domain using Sequence-to-Sequence and Transformer Models
10.50 am	CS 4003	Fishy Action Recognition from Cross-Event Integrated Video Dataset Based on Deep 3D and Mixed CNN models
11.10 am	CS 4013	An Unsupervised Learning Approach for Visual Data Compression with Chaotic Encryption
11.30 am	CS 4014	A peek into one's emotion through pen: analyzing individual's emotion through their thoughts expressed on various social media platforms using ensemble classifier
11.50 am	CS 4016	Classification of DDoS Attacks and Flash Events using Source IP Entropy and Traffic Cluster Entropy
12.10 pm	CS 4018	Crime Prediction and Forecasting using Voting Classifier
12.30 pm	CS 4019	Secure Storage of Electronic Medical Records(EMR) on Interplanetary File System(IPFS) Using Cloud Storage and Blockchain Ecosystem
02.00 pm	CS 4021	Edge Clustering Coefficient based Label Initialization for Label Propagation Algorithm to Detect Community Structures in Complex Networks
02.20 pm	CS 4023	Deep Learning Approaches for Detection of Covid-19 Using Chest X-Ray Images
02.40 pm	CS 4025	Secure Sharing of Text Based Data Using Hybrid Encryption Algorithms in a Client-Server Model
03.00 pm	CS 4027	Linear Text Transformation for Pre-Printed Document
03.20 pm	CS 4030	Analysis of IoT Big Weather Data For Early Flood Forecasting System
03.40 pm	CS 4036	A FBMC based ISDB-Tb Digital TV Frame Proposal
04.00 pm	CS 4052	Data clustering using bacterial colony optimization with particle swarm optimization
04.20 pm	CS 5094	Enhanced Security Model for Pervasive Computing Using Machine Learning Techniques

Session: CS04

Date: 16.09.2021

Time: 10.30 am to 04.40 pm

Session Chair:

Dr. Charan Panem Arur, Asst. Professor, Goa University.

Dr. R.Mynavathi,ASP/IT, Velalar College of Engineering & Technology, Erode

Session In-Charge:Ms.S.Maheswari

Session in-charge Contact Number: +91 96981 78441

Google Meet ID/Link: <https://meet.google.com/bsv-bcju-rme>

Time	Paper ID	Paper Title
10.30 am	CS 4038	Twitter Bot Detection using Machine Learning Algorithms
10.50 am	CS 4050	Bare-metal hypervisor virtual servers with a custom-built automatic scheduling system for educational use
11.10 am	CS 4051	Sign Language Translator Using Deep Learning Techniques
11.30 am	CS 4054	Ensemble and Multi Model approach to Environmental Sound Classification
11.50 am	CS 4060	A Comparative Analysis of Supervised Machine Learning Algorithm for Agriculture Crop Prediction
12.10 pm	CS 4068	Parametric Analysis on Heart Disease Prediction using Ensemble based Classification
12.30 pm	CS 4073	Parametric Examination on Optimized Deep Learning based Melanoma Detection
02.00 pm	CS 4075	Smart City GIS Mapping and Analysis of Intrusion Detection
02.20 pm	CS 4079	An Effective Ensemble Model to Predict Employment Status of Graduates in Higher Educational Institutions
02.40 pm	CS 4080	Predicting the Early Re-admission of Diabetic Patients Using Different Data Mining Techniques
03.00 pm	CS 4092	A Novel Approach to Classify English Handwritten Character Using Convolutional Neural Networks
03.20 pm	CS 4093	Recognition of Student Emotions in an Online Education System
03.40 pm	CS 4095	Security and Performance Evaluation of Software Defined Network Controllers Against Distributed Denial of Service Attack
04.00 pm	CS 6022	Performance Analysis of SSD and Faster RCNN Multi-class Object Detection Model for Autonomous Driving Vehicle Research Using CARLA Simulator
04.20 pm	CS 6023	Skin Disease Diagnosis Using Deep Convolutional Neural Network

Session: EC03

Date: 16.09.2021

Time: 10.30 am to 04.40 pm

Session Chair:

Dr. K.S.Tamilselvan, Professor/ECE, KPR Institute of Engineering and Technology, Coimbatore

Dr. S.Mangai, Professor & Head/BME, Velalar College of Engineering & Technology, Erode

Session In-Charge:Mr. S. Govindaraj

Session in-charge Contact Number: +91 9698048854

Google Meet ID/Link: <https://meet.google.com/qtc-ybip-pcj>

Time	Paper ID	Paper Title
10.30 am	EC 3005	Geolocation Clustering for Radio Resource Management in 6G Networks
10.50 am	EC 3006	Localised FM Digital Audio Broadcasting using WiFi Mesh Networks
11.10 am	EC 3009	PAPR reduction of FBMC-OQAM systems using logarithmic rooting companding
11.30 am	EC 3013	The SIUQRD and Matern 5/2 GPR Models describing the Covid-19 Pandemic in India
11.50 am	EC 3015	DWT, DCT and SVD based Hexagonal Image Compression
12.10 pm	EC 3021	Modified inertia weight approach in PSO algorithm to enhance MMSE Equalization
12.30 pm	EC 3022	Urban Flood Susceptibility Mapping of Kochi Taluk Using Remote Sensing and GIS
02.00 pm	EC 3023	A Dual-Path CNN Based Age-Related Macular Degeneration Detection
02.20 pm	EC 3026	Usual and Unusual Human Activity Recognition in Video using Deep Learning and Artificial Intelligence for Security Applications
02.40 pm	EC 3028	High-Performance Analysis of Recessed Gate AlN/ β -Ga ₂ O ₃ HEMT
03.00 pm	EC 3033	Implementation of YOLOv4 Algorithm for Multiple Object Detection in Image and Video Dataset using Deep Learning and Artificial Intelligence for Urban Traffic Video Surveillance Application
03.20 pm	EC 3036	Analysis and Design of wideband metasurface reflector for slot antenna gain enhancement
03.40 pm	EC 3043	Performance comparison of ONOFIC and LECTOR based approaches for Leakage Power Reduction
04.00 pm	CS 6024	Perception of Blithe music on the Brain
04.20 pm	CS 6019	Brain Sensing with Wearable Headband(ACP2)

Session: EE02

Date: 16.09.2021

Time: 10.30 am to 04.20 pm

Session Chair:

Dr. N P Subramaniam, AP (SG), Department of EEE, Puducherry Technological University
 Dr. K.R.Valluvan, Professor/ECE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. V. Sabarivelu

Session in-charge Contact Number: +91 99445 22802

Google Meet ID/Link: <https://meet.google.com/idc-nuge-qqu>

Time	Paper ID	Paper Title
10.30 am	EE 1042	Design of Highly Nonlinear Asymmetric Bored Core Hexagonal Photonic Crystal Fiber with Large Negative Dispersion
10.50 am	EE 1044	Fault prediction in transmission line using GOOSE protocol and Artificial Neural Network
11.10 am	EE 1045	Validating response of wearable prototype device on estimating gait pattern
11.30 am	EE 1053	Design and Performance Analysis of Zeta, Sepic and Cuk Converter Based BLDC Motor drive for Solar Water Pumping Application
11.50 am	EE 1054	Analysis of Edge Detection for Road Lanes through Hardware Implementation
12.10 pm	EE 1056	Optimal Sizing of BESS for Industrial Peak Shaving Applications Considering Different Electricity Billing Rates
12.30 pm	EE 1057	Simple Predictive Torque Control functioned PMSM drive for Electric Vehicles
02.00 pm	EE 1058	Effect of load sharing on the efficiency of the system for Identical Line resistances
02.20 pm	EE 1064	Feedback Controller Design for a DC-DC Buck Converter
02.40 pm	EE 1065	Hybrid Space Vector PWM Fed Induction Motor Drive Control
03.00 pm	EE 1066	A Two Input Two Output Step Up Type Transformerless DC-DC Converter
03.20 pm	EE 1068	A Voltage Modulated Direct Power Controlled Fuel Cell - Battery System Connected to a Weak AC Grid
03.40 pm	EC 4046	Tunable Low Voltage Low Power Operational Transconductance Amplifier For Biomedical Application
04.00 pm	CS 6025	Deer Hunting Optimization with Deep Neural Network for Automated Arrhythmia diagnosis in ECG Signals

Session: EE03

Date: 16.09.2021

Time: 10.30 am to 04.20 pm

Session Chair:

Dr. S.Gopinath, Associate Professor/EE, Annasaheb Dange College of Engineering and Technology

Dr. C.Gokul, ASP/EEE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Ms.S. Sudha

Session in-charge Contact Number: +91 95009 25588

Google Meet ID/Link: <https://meet.google.com/gne-tmoj-dqp>

Time	Paper ID	Paper Title
10.30 am	EE 1072	Neural Representation of Temporally Jittered Vowels: A Computational Model of Auditory Aging
10.50 am	EE 1073	A Survey Comparison of Switched Inductor and Switched Inductor Quasi ZSI Topologies
11.10 am	EE 1077	Evaluation of Workspace and Coupled Motions of an Electrohydraulic Parallel Manipulator
11.30 am	EE 1080	Design of 5MW PV Power Plant in Iraq in Al-Sharqiyah Diyala Substation
11.50 am	EE 1087	Techno-commercial Analysis of a Solar Powered Electric Vehicle Charging Station for Chennai, India
12.10 pm	EE 1091	Metasurface Design Based on S-Shaped Split Ring Resonator for Linear-to-Circular Polarization Conversion
12.30 pm	EE 1092	Design a Multiport DC-DC Converter for Hybrid Renewable Nano-grid System
02.00 pm	EE 1098	Investigations of Ramp Based 2LI and Modulating Wave Based 3LI Fed Induction Motor Drive
02.20 pm	EE 3003	Robust Sliding Mode Control Strategy Applied to IFOC Induction Motor Drive
02.40 pm	EE 3016	HSL Color Space for Potato Plant Detection in the Field
03.00 pm	EE 3017	Mitigating Current Spikes in VFD Induction Motor by Optimizing Motor Design and Control Parameters
03.20 pm	EE 3066	Sensor Technology and Regulation method for Sustaining the pH value in Sugar Mechanized Process
03.40 pm	EC 4005	A CMOS RF-to-DC Rectifier with 86% PCE at Input Power of -14 dBm @2.4GHz for RF Energy Harvester
04.00 pm	CS 6026	Improved Speaker Identification System Based on MFCC and DMFCC Feature Extraction Technique

Session: CS05

Date: 17.09.2021

Time: 10.30 am to 04.20 pm

Session Chair:

Dr. Mukta Jagdish, Jawaharlal Nehru Rajkeeya Mahavidyalaya (JNRM) College, Port Blair

Dr. M.K.Manavalasundaram, Professor& Head /IT, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. Ashwanth

Session in-charge Contact Number: +91 99426 73319

Google Meet ID/Link: <https://meet.google.com/vyk-odjn-bqo>

Time	Paper ID	Paper Title
10.30 am	CS 4098	Designing Neighborhood Area Networks of Smart Grid using Software Defined Networks
10.50 am	CS 5007	Prediction Model for Preventing Suicide Attempts using Machine Learning
11.10 am	CS 5008	An Analysis of Depression Detection Model Applying Data Mining Approaches Using Social Network Data
11.30 am	CS 5013	Optimizing Hadoop parameter for speedup using Q-Learning Reinforcement Learning
11.50 am	CS 5014	Android App Size Reduction: Analysis and different methodology
12.10 pm	CS 5015	Isolated Gujarati Handwritten Character Recognition (HCR) using Deep Learning(LSTM)
12.30 pm	CS 5016	A Comparison Based Approach on Mutual Authentication and Key Agreement Using DNA Cryptography
02.00 pm	CS 5018	An Efficient Black Widow Optimization with Signcryption based Image Encryption Technique
02.20 pm	CS 5019	Optimal Bidirectional Long Short Term Memory Model for Medical Data Classification
02.40 pm	CS 5020	Ad Prediction using Click Through Rate and Machine Learning with Reinforcement Learning
03.00 pm	CS 5028	Reference stack for Steganographic applications
03.20 pm	CS 5029	Automatic Sleep Stage Scoring on Raw Single-Channel EEG : A comparative analysis of CNN Architectures
03.40 pm	CS 5030	Bogus User Profile Detection on Matrimonial Sites Using Machine Learning Approach
04.00 pm	CS 4086	Summary Generation Using Deep Learning

Session: CS06

Date: 17.09.2021

Time: 10.30 am to 04.00 pm

Session Chair:

Dr. Charan Panem Arur, Asst. Professor, Goa University.

Dr. S.Kayalvili, AP/CSE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Ms.S.Maheswari

Session in-charge Contact Number: +91 96981 78441

Google Meet ID/Link: <https://meet.google.com/bsv-bcju-rme>

Time	Paper ID	Paper Title
10.30 am	CS 5042	Cloud based data center energy efficacy system using end-to-end & deniable encryption methodologies
10.50 am	CS 5045	RabbitMQ Queuing Mechanism of Publish Subscribe model for better Throughput and Response
11.10 am	CS 5057	Data-driven Preprocessing Techniques for Early Diagnosis of Diabetes, Heart and Liver Diseases
11.30 am	CS 5078	Parkinson's Neurodegenerative Disease Prediction With Robust Methods Of Machine Learning
11.50 am	CS 5079	An improved Gaussian Mixture Method based Background Subtraction Model for Moving Object Detection in Outdoor Scene
12.10 pm	CS 6020	Identifying Fake Rice using Computer Vision in Perspective of Bangladesh
12.30 pm	CS 5082	A Low Cost IoT Based Remote Monitoring and Feedback Collection Mechanism for Exhibits
02.00 pm	CS 5083	Sentiment Analysis of Twitch.tv Livestream Messages using Machine Learning Methods
02.20 pm	CS 6002	Chronological Poor and Rich Tunicate Swarm Algorithm integrated Deep Maxout Network for human action and abnormality detection
02.40 pm	CS 6003	A Monadic Framework for Real-time 2D Multi Person Pose Detection for captured Images and Videos
03.00 pm	CS 6005	GATAC: Gradient and adaptive threshold integrated active contour for Diabetic Macular Edema segmentation
03.20 pm	CS 6013	Native and Non-Native English Speech Classification: A premise to Accent Conversion
03.40 pm	CS 5075	Test Case Optimization based on Specification Diagrams and Simulation Invocation Relationship

Session: EC04

Date: 17.09.2021

Time: 10.30 am to 04.00 pm

Session Chair:

Dr. B. BanuRekha, Associate Professor, Department of BME, PSG College of Technology, Coimbatore
 Dr. M.Nisha Angeline, Professor & Head/ECE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. S. Govindaraj

Session in-charge Contact Number: +91 9698048854

Google Meet ID/Link: <https://meet.google.com/qtc-ybip-pcj>

Time	Paper ID	Paper Title
10.30 am	EC 3044	LBP and Iris Features based Human Gender Classification using radial Support Vector Machine
10.50 am	EC 3047	Direct Ink Writing as an Eco-Friendly PCB Manufacturing Technique for Rapid Prototyping
11.10 am	EC 3057	Power and Delay optimization of Master Slave SR Flip Flop using QFGMOS for Low Power Applications
11.30 am	EC 3073	Investigation of RF/Analog performance of Lg=16nm Planner In _{0.80} Ga _{0.20} As TFET
11.50 am	EC 3074	Artificial (or) Fake Human Face Generator using Generative Adversarial Network (GAN) Machine Learning Model
12.10 pm	EC 3085	Heart Failure prediction using Xgboost algorithm and feature selection using feature permutation
12.30 pm	EC 3089	Temperature Dependent DC and AC Performance of AlGaIn/GaN HEMT on 4H-SiC
02.00 pm	EC 3091	Optimization of Multicast Routing using Forward Chain for IoT Agriculture Application
02.20 pm	EC 3096	Spectral Unmixing based on Joint Sparsity and Total Variation using Remote Sensing Data
02.40 pm	EC 4007	Region of Interest Based Medical Image Compression Using DCT and Capsule Autoencoder for Telemedicine Applications
03.00 pm	EC 4015	An Exhaustive Approach of Application Layer Protocols in IoT
03.20 pm	EC 4016	An Efficient Scheme for Compression of Electro Cardiac Signal using Divide and Conquer Algorithm
03.40 pm	EC 4023	Performance Enhancement Of Training Based Channel Estimation In MIMO-OFDM System

Session: EC05

Date: 17.09.2021

Time: 10.30 am to 04.00 pm

Session Chair:

Dr. P.T. Kalaivaani, ASP/ECE, Vivekanandha College of Engineering for Women, Tiruchengode

Dr. S.K.Manikandan, Professor/BME, Velalar College of Engineering & Technology, Erode

Session In-Charge: Mr. V. Sabarivelu

Session in-charge Contact Number: +91 99445 22802

Google Meet ID/Link: <https://meet.google.com/idc-nuge-qqu>

Time	Paper ID	Paper Title
10.30 am	EC 4026	Maximization of Energy Efficiency in CR Based IoT Systems Using PSO and GA Algorithms
10.50 am	EC 4028	UWB Transmission through Human Thorax behind a Wall for Non-Invasive Cardiac Detection
11.10 am	EC 4029	Automated Brain Tumor Detection Model Using Modified Intrinsic Extrema Pattern based Machine Learning Classifier
11.30 am	EC 4031	A 5G MIMO Antenna Array With Fractal Ground For Smartphones
11.50 am	EC 4032	Big Data based system for Biomedical Image Classification
12.10 pm	EC 4034	Enhancement Analysis of PLC Transformed OFDM with WHT Precoding
12.30 pm	EC 4037	Performance analysis of filter based multiuser spread spectrum over HF communication
02.00 pm	EC 4041	Temperature Independent On Plastic Optical Fiber Evanescent Wave Sensor
02.20 pm	EC 4045	An Experimental Study for Comparing Different Method for Time Series Forecasting Prediction & Anomaly Detection
02.40 pm	EC 4050	Noise and IM3 Harmonics Cancelling in Two-Stage Wideband Differential LNA
03.00 pm	EC 4051	Employing Analog Circuits by Neural-Network based Multi-Layer-Perceptron
03.20 pm	EC 4052	Artificial Neural Network Based Statistical-Analysis of High-Speed-Interconnect-Systems
03.40 pm	EC 1078	CNN based End to End Learning Steering Angle Prediction for Autonomous Electric Vehicle

Session: EE04

Date: 17.09.2021

Time: 10.30 am to 04.00 pm

Session Chair:

Dr. T.Kalavathi Devi, ASP/EIE, Kongu Engineering College, Perundurai

Dr. M.Sreedhar, Professor/EEE, ASP/EEE, Velalar College of Engineering & Technology, Erode

Session In-Charge: Ms.S. Sudha

Session in-charge Contact Number: +91 95009 25588

Google Meet ID/Link: <https://meet.google.com/gne-tmoj-dqp>

Time	Paper ID	Paper Title
10.30 am	EE 3019	PMU Based Realtime Fault Detection Algorithm for Transmission Line Faults
10.50 am	EE 3026	Impact of Large 132/33 kV Power Transformer on Distance Protection in Bangladesh
11.10 am	EE 3034	Genetic Algorithm based controllers for Robust Stability Enhancement of interconnected Power System with wind power penetration
11.30 am	EE 3045	Performance assessment of NMPC based MPPT controller and extended Kalman filter for a Wind/PV hybrid system
11.50 am	EE 3052	Novel Regenerative Braking Controllers for Electric Vehicle Driven by BLDC Motor
12.10 pm	EE 3055	Lane Prediction by Autonomous Vehicle in Highway Traffic using Artificial Neural Networks
12.30 pm	EE 3060	Design and Comparison of PSO, SA and GA tuned PID Controller for Ball Balancer Arrangement
02.00 pm	EE 3063	Algorithmic Analysis on Optimized PI Controller based 7-level Inverter
02.20 pm	EE 3068	Hybrid Bio-Intelligence Salp Swarm Algorithm for Maximum Power Point Tracking (MPPT) of Photovoltaic Systems Under Gradual Change in Irradiance Conditions
02.40 pm	EE 3069	Power Generation Improvement using Active Water Cooling for Photovoltaic (PV) Panel
03.00 pm	EE 3070	Investigation on Perturbation Step-Size and Frequency of P&O Algorithm for MPPT under Dynamic Weather Conditions
03.20 pm	EE 3008	Capacitor Clamped Boost Inverter for Fuel Cell-based Distributed Generation system with Battery Back Up
03.40 pm	EE3009	Mitigation of Electrical Inertia of PE Converters in SPV Powered HESS system for Remote Area Power System Applications using Synergetic Controller