IFET COLLEGE OF ENGINEERING

(An Autonomous Institution)

2nd IEEE International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN 2023)

Session Chairs **:** 1. ETB.Samuel Jigme Harrison Semiconductor Professional,
(Senior IEEE member) Singapore
2. Dr. B.E.Caroline, Profesor/ECE, IFETCE, Villupuram.

Date and Time **:** **21/04/2023 (Friday- FN), 11: 30AM to 1:45PM**

Track 1 **:** **Next generation Technologies (Offline)**

S.NO	Paper ID	Paper Details
1	ICSTSN 188 (11.30 AM-11.45 AM)	Performance Comparison of Routing Protocols for IoT *Thiagarajan.C, P.Samundiswary*
2	ICSTN 111 (11.45 AM - 12.00 PM)	A Novel Replication-Less Image Retrieval Method from Cloud Platforms using Divergence Features *Usha Rani.S, Dhanalakshmy.K*
3	ICSTN 312 (12.00 PM - 12.15 PM)	Reinforcing IoT Security through Machine Learning based Spam Detection *Chatrapathi.R, Ramkumar M.O, Jayakumar D, Pooja Sri*
4	ICSTSN 380 (12.15 PM -12.30 PM)	Secure and Location Based Energy Efficient Protocol for Wireless Sensor Network *Senthil Kumaran R, Parkavi R, Jayasudha M, Akshaya V*
5	ICSTN 370 (12.30 PM-12.45 PM)	Sugarcane Classification of Image Processing and Convolutional Neural Networks *Kavitha.K, Uma sankari.E*
6	ICSTSN 199 (12.45 PM -1.00 PM)	Designing of Novel Circularly Polarized Reconfigurable Antenna for Brain Cancer Detection *Jayakumar.A , Nishanthi.S, Dinesh.M, Akash.A,*
7	ICSTSN 133 (1.00 PM-1.15 PM)	Design of Terahertz Absorber based on T-Shaped Meta material *Sagaya Selvaraj A, Sagadevan K, Elizabeth Caroline B, Arunadevi S, Logapriya. P*
8	ICSTSN 340 (1.15 PM-1.30 PM)	Design of Microstrip based Millimeter Wave Antenna for 5G Applications *Mangayarkarasi S, Kalpana.S*

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Session Chairs :   1. Dr.R. Dr.Jagadeesh Kakarla, Assistant Professor, CSE,
IIITDM, Kancheepuram, Chennai
2. Dr. R.Thendral, Associate professor/ IT, IFET College of Engineering

Date and Time : 21/04/2023 (Friday-FN), 11:30AM to 1:30 PM (Online)

Track 2 : **Machine Learning**

Meeting ID : meet.google.com/pxe-svib-mqh

S.NO	Paper ID	Paper Details
1	ICSTSN 149 (11.30 AM-11.45AM)	Forecasting Pre-Owned Car Prices using Machine Learning *Challa Lakshmi Lasya, S Jeyashree, Pooja S, C. Ambhika, J. Eswari*
2	ICSTSN 315 (11.45 AM -12.00 PM)	Gamma tone Visualization based Cough Sound Classification: Performance Comparison with Delta and Delta-Delta Features *Lakshmi Priya B, S. Jayalakshmy, D. Saraswathi*
3	ICSTSN 206 (12.00 PM -12.15 PM)	Meta Models of Yoga Gestures by ACCF and SCHF with ML Techniques *E.Mohan, Sasi Kumar D, Saravanan P, Nagarajan M, Venkatachalam K*
4	ICSTSN 18 (12.15 PM -12.30 PM)	Media Multitasking with M-Learning Technology in Real-Time Classroom Learning: Analysing the Dynamics in Formal Educational Settings for the Future of E-Learning in India *Ashraf Alam*
5	ICSTSN 269 (12.30 PM-12.45 PM)	Edge-Based Segmentation for Accurate Detection of Malaria Parasites in Microscopic Blood Smear Images: A Novel Approach using FCM and MPP Algorithms *Shankar Shambhu, Deepika Koundal, Prasenjit Das*
6	ICSTSN 235 (12.45 PM - 1.00 PM)	Interpretable Machine Learning for Intelligent Transportion in Bike-Sharing *Ggaliwango Marvin, Samuel Mugabi, Simon Onen, Joyce Nakatumba-Nabende*
7.	ICSTSN 296 (1..00 PM - 1.15 PM)	Novel Machine Learning based Text-to-Speech Device for Visually Impaired People *Ujwalla Gawande, Nutan Rathod, Pooja Bodkhe, Pradnya Kolhe, Hema Amlani, Chetana Thaokar*
8	ICSTSN 361 (1.15 PM - 1.30 PM)	Virtual Medical Assistant System for Diseases Detection using Machine Learning *Kanimozhi J, Mohanasuganthi N, Lijetha C Jaffrin, G. Preethi, S. Abi Aishwarya*

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Session Chairs : 1. Dr.R. Parthasarathy, Assistant Professor, ECE, NIT, Trichy

2. Dr.D.Sathish Kumar, Associate Professor, ECE, IFETCE, Villupuram

Date and Time : 21/04/2023 (Friday-FN), 11:30AM to 1:30 PM

Track 3 : **Antenna Design & Embedded Applications (Online)**

Meeting ID : meet.google.com/vxm-hkqq-gnu

S.NO	Paper ID	Paper Details
1	ICSTSN 321 (11.30 AM -11.45 AM)	Block chain-Based Voting System *Mary Shamala Louis, Thankaraja Raja Sree*
2	ICSTSN 181 (11.45 AM - 12.00 PM)	Design of a VLSI Router for the Faster Data Transmission using Buffer *Gogula Subash, Damodaran V*
3	ICSTSN 251 (12.00 PM - 12.15 PM)	A Hybrid Cubic Dielectric Loaded Tri-Band Antenna for Biomedical Applications *S.Prakash, K.Kumar, M.Arulaalan, M.Kalaivanan*
4	ICSTSN 227 (12.15 PM - 12.30 PM)	2.4 GHz Operational PSI-Shaped Patch Antenna Design for Multi-Purpose Applications *Shayantan Sarkar, Sumanta Bhattacharyya, Jagadeesh B N, Rekha H, Achyutha Prasad N, Shrawani Verma*
5	ICSTSN 366 (12.30 PM - 12.45 PM)	Design of multi slot MIMO antenna for 2.45 GHz applications *Vijayalakshmi J, Vibin Mammen Vinod, Dinesh V, Mohammad Shahidh J, Kishor Kumar K A, Logesh P*
6	ICSTSN 373 (12.45 PM - 1.00 PM)	Design and Implementation of Z-Shaped Polarized Micro strip Patch Antenna for Detecting Skin Cancer *Ruban D Thomas, Prabhu.V, Kalyana Sundari V, Kotteshwari D,Kethineni Sai Sharanya*
7	ICSTSN374 (1.00 PM -1.15 PM)	Design and Implementation of a Flexible Wearable Antenna for the Detection of Cancer in the Thyroid gland *Mohamed A Abbas, Dinesh kumar P L, Raghulraj D, Suraj K K*
8	ICSTSN 185 (1.15 PM - 1.30 PM)	A 6T-SRAM Based Computing In-Memory Architecture using 22nm FD-SOI Device *Shuang Liu, J.J. Wang, Y.H. Liu, L.F. Cao, Y. Liu*

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**2nd IEEE International Conference on Smart Technologies and Systems for
Next Generation Computing (ICSTSN 2023)**

Session Chairs : 1. Dr.R.Amudha, Associate Professor, Department of Bio Informatics,
School of Life sciences, Pondicherry University, Puducherry
2. Dr.K Santhana lakshmy, Professor, H&S, IFETCE,Villupuram

Date and Time : **21/04/2023 (Friday-AN), 1:30 PM to 3:30 PM**

Track 4 : **Bio Informatics (Online)**

Meeting ID : meet.google.com/gie-oyfs-pgw

S.NO	Paper ID	Paper Details
1	ICSTSN 158 (1.30 - 1.45 PM)	Fate of Jeratinine E as a Potential Compound to Target NNMT Protein in Countering Parkinsons Disease *Kumud Kaul, Pravir Kumar*
2	ICSTSN 214 (1.45 - 2.00 PM)	Computational Analysis of Potential Flavonoids Targeting NSP14 of SARS-COV-2 : A Molecular Docking Approach *Navneeta Bharadvaja, Sanjoli Khare, Khyati Rastogi*
3	ICSTSN 78 (2.00 - 2.15 PM)	Performance Optimization of TiO2/I-Ch3Nh3SNI3/Cu2O Solar Cell using Numerical Analysis *Chandni Tiwari, Varun Mishra, Deepak K*
4	ICSTSN 231 (2.15 - 2.30 PM)	In-Silico Medication of Vitiligo by Targeting 6AAH Protein and Riboflavin Ligand *Yasha Hasija, Sakshi Rajesh Kumar, Firoz Tyagi*
5	ICSTSN 221 (2.30 -2.45 PM)	Plant-Based Phytochemical Mediated Inhibition of Breast Cancer by Targeting PLAT: An in-Silico Study *Navneeta Bharadvaja, Akash Rana, Amit*
6	ICSTSN 194 (2.45 – 3.00 PM)	Diospyros Kaki's Phytochemical Mediated inhibition of GBM by Targeting PDK-1: An in-Silico Docking and Machine Learning Model *Asmita Das, Harsh Aahra, Nida-e-Falak*
7	ICSTSN 302 (3.00 – 3.15 PM)	Water Quality Analysis of Gadilam River, Cuddalore based on Pollution Index and NSF – WQI *Jebastin Sonia Jas M, P.Priyanka, S.SenthilKumar*

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2nd IEEE International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN 2023)

Session Chairs **:** 1. Dr. Dhanalakshmy, Professor, Head
Department of Instrumentation and Control Engineering,NIT, Trichy
2. Dr.P.Pugazhendiran, Professor, EEE, IFET College of Engineering

Date and Time **:** **21/04/2023 (Friday-AN), 1:30 PM to 3:30 PM**

Track 5 **:** **Power system modelling and control (Online)**

Meeting ID **:** meet.google.com/oth-zefi-bdc

S.NO	Paper ID	Paper Details
1	ICSTSN 20 (1.30-1.45PM)	Design of Battery Controller for a Solar wind Hybrid System *Arjyadhara Pradhan, Surya Pratap Bhanja, Chitralekha Jena, Sarita Samal*
2	ICSTSN 323 (1.45-2.00 PM)	Closed Loop Sliding Mode Controller Controlled Quazi Z Source Inverter fed Permanent Magnet Brushless DC Motor Drive *B.Balaji, S.Kannan, G.Dilip Kumar, P.Srinivas*
3	ICSTSN 270 (2.00-2.15 PM)	Detection and Location of Faults in Photo Voltaic Systems *Mounica Patil, B. Praveen Kumar, Natarajan Karuppiah*
4	ICSTSN 41 (2.15-2.30 PM)	An XgBOOST Based Method for Identifying Electromechanical Oscillations from Ambient Measurements Utilizing WAMS *Shekha Rai, Mr Imtiaz Kumar Pradhan, Mr. Sameer Ranjan Sahu*
5	ICSTSN 79 (2.30-2.45 PM)	Modeling and Analysis of Novel 3-Axis MEMS Accelerometer for Biomedical Applications *Kalyan Dusarlapudi, Siva Ramakrishna Sani, Prathyusha Chennupati, Paleti Prudhvi Venkata Sai*
6	ICSTSN 338 (2.45-3.00 PM)	Ultrasonic Sensor Based Automatic Power-Saving System *Kavin Kumar K, Pooventhan D, Pranesh S, Sandeep P K*
7	ICSTSN 324 (3.00 - 3.15 PM)	Reboost Converter enabled DC Microgrid System with Sliding Mode Control and Maximum Power Point Tracking *B.Balaji, S.Ganesan, P.Pugazhendiarn, S.Madhan*

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Session Chairs : 1. Dr.R.Vivek Maik, Principal scientist, HTIC, IIT Research Park, IIT Madras, Chennai
2. Dr.P.Kanimozhi, Professor, Head CSE, IFET College of engineering

Date and Time : **21/04/2023 (Friday-AN), 1:30 PM to 3:30 PM**

Track 6 : **Machine Learning and Neural network for Health care Analytics (Online)**

Meeting ID : meet.google.com/cmd-swvo-nns

S.NO	Paper ID	Paper Details
1	ICSTSN 271 (1.30-1.45 PM)	Machine Learning Based Algorithmic Approach for Detection and Classification of Leukemia *Thrisha E, S.Karthikeyan, M.Leeban Moses, Ramya.P, K.Kalarani, Susheel. R.N*
2	ICSTSN 378 (1.45-2.00 PM)	Precise Prediction of Cardiovascular Diseases using Machine Learning *G.Revathy, S.Venkateswaran, V.Senthil Murugan, V.Devi, A.Mohana Devi, G.Saravanan*
3	ICSTSN 346 (2.00-2.15 PM)	Blood Cell Classification using Neural Network Models *Jagrit Mitra, Kartik Vijayran, Kartikeya Verma, Anurag Goel*
4	ICSTSN 256 (2.15-2.30 PM)	Performance Evaluation of Data Mining and Neural Network Based Models for Diabetes Prediction *Priyabrata Sahu, Jibendu Kumar Mantri*
5	ICSTSN 372 (2.30-2.45 PM)	Brain Tumor MRI Image Segmentation and Classification based on Deep Learning Techniques *Dipesh Mamtani, Ali Arafat, Jansi K.R*
6	ICSTSN 142 (2.45-3.00 PM)	An Investigational Study of Detecting Acute Lymphoblastic Leukemia using Computer Vision *Tharani K, Ashok M, Venkatasriram S, Kumar Ramasamy*
7	ICSTSN 223 (3.00-3.15 PM)	Local interpretable Model-Agnostic Explanations for online Maternal Health Care *Ggaliwango Marvin, Daudi Jjingo, Joyce Nakatumba-Nabende, Md. Golam Rabiul Alam*
8	ICSTSN 313 (3.15-3.30 PM)	Predictive Intelligence for Healthcare Outcomes: An AI Based Architecture *Srinivasa Rao Burri, Abhishek Kumar, Anupam Baliyan, T.Ananthakumar*

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Session Chairs : 1. Dr.Gnanou Florence Sudha, Professor/ECE,
Pondicherry Technological University, Puducherry
2. Dr.M.Saravanan, Professor, ECE, IFETCE, Villupuram

Date and Time : **22/04/2023 (Saturday-FN), 10 AM to 12.00 PM**

Track 7 : **Wireless communication (Online)**

Meeting ID : meet.google.com/yoo-xpeu-dku

S.NO	Paper ID	Paper Details
1	ICSTSN 17 (10.00 -10.15 AM)	Modeling of Green Communication Based VLLC System Meet Kumari
2	ICSTSN 220 (10.15 -10.30 AM)	Joint User Cooperation and Scheduling for Federated Learning in CFmMIMO Networks *Ke Xiong, Han Bao, Bo Gao, Pingyi Fan*
3	ICSTSN 196 (10.30-10.45 AM)	Adaptive Sensor Scheduling for Federated Learning over 6G In-X Subnetworks *Bo Gao, Qiaoli Wu, Ke Xiong*
4	ICSTSN 112 (10.45-11.00 AM)	Usability Evaluation of Flip Application using Cognitive Walkthrough and Think Aloud Evaluation Methods *Fannisha, Muhammad Luthfi Hamzah, Eki Saputra,Tengku Khairil Ahsyar*
5	ICSTSN 224 (11.00-11.15 AM)	DQ-WiAPDoM: A DQN-based AP Deployment Optimization Method for Wi-Fi FTM Positioning *Zihao Liu, Han Li, Bo Gao, Ke Xiong, Pingyi Fan*
6	ICSTSN 326 (11.15-11.30 AM)	Modeling and Comparative Analysis of Microwave Circulators with Variation of Material Properties *Anuj Kumar Goel, Sarbjit Singh*
7	ICSTSN 65 (11.30-11.45 AM)	Design and Analysis of Microstrip Yagi Uda Antenna for 5G Communications on FR4 Substrate *Pavidha. V, A. Jayakumar*
8.	ICSTSN 381 (11.45 AM -12.00 PM)	Phased Array of Microstrip Patch Antenna for Millimetre Wave Applications *Mohini Narendra Naik, Hasanali Gulamali Virani*

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Session Chairs : **1.** Dr. S. Joseph Gladwin,Project Manager, BigCat Wireless Technologies, Chennai,

2. Dr.R.Senthil Kumaran, Associate Professor, ECE, IFETCE, villupuram

Date and Time : 22/04/2023 (Saturday - FN), 10:00AM to 12:00 PM

Track 8 : Image and Pattern classification (Online)

Meeting ID : meet.google.com/bak-gibo-tcj

S.NO	Paper ID	Paper Details
1	ICSTSN 358 (10.00-10.15 AM)	Hybrid CNN-GRU Model for Handwritten Text Recognition: Performance Evaluation on IAM, Washington And Parzival Datasets *Madhav Sharma, Renu Bagoria, Praveen Arora*
2	ICSTSN 98 (10.15-10.30 AM)	Gender Based Face Recognition using KERAS *Amruta Sai Adusumilli, Rishitha Punyamanthula, V Raviteja Kanakala*
3	ICSTSN 80 (10.30-10.45 AM)	A Hyper-Graph Embedded Bandlet-Based Facial Emotion Monitoring System for Enhanced Urban Health *J.N.V.R. Swarup Kumar, Modepalli Vignesh, Pera Manoj, I.S. Siva Rao, Mahesh Babu, Ramu Mutyala*
4	ICSTSN 210 (10.45-11.00 AM)	Identification of Nutrient Content of Psidium Guajava and Syzygium Cumini Leaves using Hyperspectral Imaging *Bakiya Ambikapathy, Venkatesh Neeli, Rama Pavan Chapala, Dhupam Mohana Lakshmi Priya*
5	ICSTSN 148 (11.00 -11.15 AM)	Detection of Diabetic Retinopathy by Segmentation using U-Net with Hyper-Parameter Tuning *Sowmiya.R, R.Kalpana*
6	ICSTSN 333 (11.15 - 11.30 AM)	License Plate Reader with PUC Details using Image Processing and Deep Learning *Rupali Sachin Patil, Sakshi Deshpande, Hassan Khan, Prajakta Mhatre*
7	ICSTSN 209 (11.30 – 11.45 AM)	A Novel Detection on Wheat Disease through CL and RGB Filters by LDA and QDA *Rajesh Kanna.R, V.Ulagamuthalvi*
8	ICSTSN 310 (11.45 AM – 12.00 PM)	Transforming Payment Processes: A Discussion Of Ai-Enabled Routing Optimization *Srinivasa Rao Burri, Abhishek Kumar, Anupam Baliyan, T.Ananthakumar*

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Session Chairs : 1. Dr.B.Lakshmi Priya, Assistant Professor/CSE, VIT, Chennai
2. Dr.M.Margarat, Professor/ECE, IFETCE, Villupuram

Date and Time : **22/04/2023 (Saturday-FN), 10:00AM to 12:00 PM**

Track 9 : **AI and Deep learning applications (Online)**

Meeting ID : meet.google.com/apx-pogs-udz

S.NO	Paper ID	Paper Details
1	ICSTSN 38 (10.00-10.15 AM)	Archimedes Optimization with Enhanced Deep Learning Based Recommendation System for Drug Supply Chain Management *Kamlesh Singh, Ketan Rathor, Alagu Thillaivanan, (CS) Vinit Sikka, Shanker Chandre, Naga Raju M*
2	ICSTSN 240 (10.15-10.30 AM)	Defect Detection with Less Training Samples using Deep Neural Networks *Pranav Gadamsetty, Sonam T, Sree Sharmila T*
3	ICSTSN 222 (10.30-10.45 AM)	Early Diagnosis of Parkinson's Disease and Severity Assessment Based on Gait using 1D- CNN *Narayan Prasad Sharma, Iman Junaid, Samit Ari*
4	ICSTSN 165 (10.45-11.00 AM)	Information System for Flood Monitoring Based on IoT and AI *Allan J Wilson, Pon Bharathi A, Anoop M, Angelin Jeba Malar J*
5	ICSTSN 174 (11.00 -11.15 AM)	High Fidelity Face Generation with Style Generative Adversarial Networks *Mihir Deshpande, Ranjana Jadhav, Adwait Gharpure, Vedant Gokhale, Aayush Gore, Harsh Yadav*
6	ICSTSN 316 (11.15-11.30 AM)	Multiple Grapes Leaf Disease Identification Using an Optimal Deep Learning Model: Xception *Vishesh Tanwar, Shweta Lamba*
7	ICSTSN 213 (11.30-11.45 AM)	Development of Peak Detection Algorithm using Window Variance for Physiological Variability Monitoring *Sushma N Bhat, Ghanshyam D. Jindal, Uttam R. Bagal, Gajanan D. Nagare*
8	ICSTN 354 (11.45AM -12.00 PM)	Weather Image Classification using Efficientnet and Dual Attention Block *Rella Usharani, Jagadeesh Kakarla, Sundar B*

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Session Chairs	**:**	1. Dr.E.Suresh Babu, Assistant Professor, CSE NIT, Warangal, Telungana
		2. Dr.U.Palani Professor,ECE, IFETCE, Villupuram
Date and Time	**:**	**22/04/2023 (Saturday-AN), 12:30 PM to 2:30 PM**
Track 10	**:**	**Network security and Block chain Technology (Online)**
Meeting ID	**:**	meet.google.com/exd-cjbi-fvd

S.NO	Paper ID	Paper Details
1	ICSTSN 179 (12.30-12.45 PM)	Enriching Trustworthy Trade in Decentralized System using Blockchain *Yogesh Suryabhan Sonawane, Vaishnavi Anil Barde, Jayshree Sanjay Sansare, Mahesh Popatrao Pawar, Pallavi Suresh Kohakade*
2	ICSTSN 236 (12.45-1.00 PM)	Implementation of Hybrid Cryptography in Steganography for Augmented Security *Kalaichelvi V, Vimala Devi P, Hemamalini S, Swaminathan S, Suganya S*
3	ICSTSN 331 (1.00-1.15 PM)	SGWeS: A Framework to Safeguard Web Servers From PDF Malware Attacks *Atul Kumar, Ishu Sharma*
4	ICSTSN 37 (1.15-1.30 PM)	Automated Denial of Service Detection using Moth Flame Optimization with Machine Learning in Cloud Environment *Alagu Thillaivanan, Suganthi Duraisamy, Nagaraj S, Somnath Raghunath Wategaonkar, Ravi Mishra, Kamlesh Singh*
5	ICSTSN 330 (1.30 -1.45 PM)	Implementation and Monitoring of Network Traffic Security using Machine Learning *Neeraj Kumar Pandey, Amit Kumar Mishra, Neha Tripathi, Piyush Bagla, Ravi Sharma*
6	ICSTSN 103 (1.45- 2.00 PM)	Malware Detection using Ensemble Learning and File Monitoring *Tilak Vignesh, Sowhith Reddy, Sonit Kumar, Akshat Chourey, Chandrashekhar Pomu Chavan*
7	ICSTSN 309 (2.00-2.15 PM)	Enhanced Capsule Generation Adversarial Network with Block chain based Intrusion Detection System for Enhancing Cyber security in Cloud Computing Environment *R. Ravi kanth , T. Prem Jacob*
8	ICSTSN 178 (2.15-2.30 PM)	Interpretable Machine Learning Models for Predicting Malaria *Solimo Rajab, Joyce Nakatumba-Nabende, Ggaliwango Marvin*

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Session Chairs	**:** 1. Dr.S.Jeevananthan, Professor/EEE
	Pondicherry Technological University, Puducherry
	2. Dr.J.Vidhya, Associate Professor, ECE, IFETCE, Villupuram
Date and Time	**: 22/04/2023 (Saturday-AN), 12:30 PM to 2:30 PM**
Track 11	**: Electric vehicle (Online)**
Meeting ID	**:** meet.google.com/fej-nvkt-hqf

S.NO	Paper ID	Paper Details
1	ICSTSN 49 (12.30-12.45 PM)	Supercapacitor and BLDC Motor based Regenerative Braking for an Electric Vehicle *Revathy. R,Balaji.B, Abdul Mohasin.A.K,Gobinath.A*
2	ICSTSN 322 (12.45-1.00 PM)	PV-Powered MPPT Controlled Smart Parking System using Inductive Coupling Charging Technique for Electric Vehicle *Sivanantham Natarajan, P.Pugazhendiran, R.Revathy,.M.Sathiya*
3	ICSTSN 371 (1.00 -1.15 PM)	Electric Vehicle Charging Station Aggregator *Parkavi.A,Aryan Vaidya,Chaitanya S Prakash,Deepthi Peter*
4	ICSTSN 325 (1.15-1.30 PM)	Smart LPG level monitoring and automatic booking system integrated with Trolley *Hrushikesh Vijay Parjane, Vaibhav Sanjay Andhale, Rahul Karna Vakte, Prasad Mohan Bodakhe, Sujith M, D.B.Pardeshi*
5	ICSTSN 102 (1.30-1.45 PM)	Design and Analysis of Electric Bike (E-Bike) *Avinash Dash, Shamik Chaterjee, Deepak Yadav, Saurabh Sharma, Ayush Kumar Sahu, Mohammed Faud*
6	ICSTSN 344 (1.45-2.00 PM)	Fuel Cell Regulating System for Electric Vehicle *Praveenraj.K, Satheesh.K, Yasshvanth.N, Yazhinian.S*
7	ICSTSN 349 (2.00-2.15 PM)	A Novel Integration of Wireless Power Transfer Topology for Electric Vehicle Application using Tesla Coil *S. Ashika, M.Snega, R.Baranidevi, S.Jaisiva*

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Session Chairs	**:**	1. Dr.L.Mary Shyamala, Assistant Professor/CSE. VIT, Chennai
		2. Dr.T.Ananthakumar, Associate Professor, CSE, IFETCE, Villupuram
Date and Time	**:**	**22/04/2023 (Saturday-AN), 12:30 PM to 2:30 PM**
Track 12	**:**	**Sensor Network and IOT (Online)**
Meeting ID	**:**	meet.google.com/iot-fppr-aeq

S.NO	Paper ID	Paper Details
1	ICSTSN 91 (12.30-12.45PM)	Energy Aware Node Deployment using Ant Lion Optimization Algorithm in Underwater Acoustic Sensor Network *R.Sambath Kumar, Dr.G.Sivaradje*
2	ICSTSN 300 (12.45-1.00 PM)	Air Cushion Restraint and Extended Saftey System with Sensor and Control Module *Kalpana Murugan, Sunkara Kartheek, Yaramala Raghu Varan Reddy, Parella Sai Durga Pavankumar, Makireddy Durga Prasad*
3	ICSTSN 84 (1.00 – 1.15 PM)	A Critical Review on intrusion Detection Systems in IoT Based on ML Approach: A Survey *Maheswaran N, S.Bose, Mrs.G.Logeswari, Ms.T.Anitha*
4	ICSTSN 24 (1.15- 1.30 PM)	Retromailer- An Email Marketing Campaign using Amazon SES *Sridevi Saralaya, Jaahnvi Hehar, Aldrin Sean Pereira, Alisha Saldanha, Merrill Fernandes*
5	ICSTSN 335 (1.30 -1.45 PM)	Enhanced Mayfly Optimization with Active Elite Approach Based Cluster Head Selection for Energy Efficient IoT Based Healthcare Monitoring System. *D.Balakrishnan, T.Dhiliphan Rajkumar*
6	ICSTN 328 (1.45 - 2.00 PM)	Smart Fingerprint Authentication and Alert System using IoT *Mohana.V, Elavarasi K*
7	ICSTSN 342 (2.00 -2.15 PM)	The Secret Sauce of Student Success: Cracking the Code by Navigating the Path to Personalized Learning with Educational Data Mining *Ashraf Alam*
8.	ICSTSN 379 (2.15- 2.30 PM)	Predicting Mortgage-Backed Securities with Prepayment Risk using Machine Learning Models *Kanimozhi C, Parkavi S, T. Ananth Kumar*