



AICTE Sponsored IEEE International
Conference on
Smart Technologies and Systems for Next Generation Computing
(ICSTSN 2025)
(Fourth Edition)

Session Chair: 1. Dr. Abhishek Kumar, Assistant Director, Chandigarh University
2. Dr.T.Ananthkumar, ASP, IFETCE

Date and Time: 20/11/2025 (Thursday- AN), 1:30 PM to 3:30 PM

Track 1 : Advances in Artificial Intelligence for Social and Technical Solutions

S.NO	Paper ID	Paper Details
1	ICSTSN 33 (1.30 PM-1.45 PM)	Transparent AI in Physical Education: XAI, Holographic Displays, And Gamified Learning <i>Charles Ubagaram, Rohith Reddy Mandala, Narsing Rao Dyavani, Venkat Garikipati, Bhagath Singh Jayaprakasam, S.Jayanthi</i>
2	ICSTSN 377 (1.45 PM-2.00 PM)	Problem Solving Lab: An Integrated Platform For Algorithm Visualization And Learning <i>Prajakta Pankaj Nandurkar, Dr. B.J. Dange, Ms. Ashwini Rahul Landg, Mr. Manish Prakash Kharche, Ms Gayatri Anilsingh Rajput, Mr. Sarwadnya Prakash Maile</i>
3	ICSTSN 138 (2.00 PM-2.15 PM)	Hybrid Machine Model for Crop Yield Prediction <i>K. Shraavan Kumar , G. Santhosh Kumar, K. Nishanth, Allamaprabhu Swamy, M.A.Jabbar</i>
4	ICSTSN 340 (2.15 PM-2.30 PM)	Advances in Social Media Analytics: A Comprehensive Review of Emerging Computational Approaches <i>Mr. Sarthak Kaushik, Sowdheep Varadharaj, Likith Pulivarthi, Pranay Kapil Gulati, Abhinav Uday</i>
5	ICSTSN 262 (2.30 PM -2.45 PM)	Feature Attention-Enhanced CNN-LSTM For Real Time Stress Prediction & Management <i>Rohith R, K. Kavitha, S. Selvin Ebenezer, Chintala Nageswara Rao, R.Manojkumar, E.Manjula</i>
6	ICSTSN 172 (2.45 PM -3.00 PM)	Feddygmn-Mesh: Federated Dynamic Graph Neural Networks for Privacy-Preserving Anomaly Detection in IOT Edge Meshes <i>V.Ranjeeka Shree, S.Saranya, S.Ramalingam, B.Pavithra, N.Naveena, P.Phenicia Sharon</i>
7	ICSTSN 321 (3.00 PM-3.15 PM)	Speak Sign: ISL To Multilingual Speech using Deep Learning <i>K. Manasa, H. Vishnu Teja, K.Komal Kiran, G.Vallathan, P. Vijai Bhaskar, T. V. Chandra Shekar,</i>
8	ICSTSN 323 (3.15 PM - 3.30 PM)	Ensemble Machine Learning Techniques in Digital Twin Framework for Precision Healthcare <i>Ramya D, Prathiksha D, Ashmika R, Jerlin Princy F, Nithya Sri N</i>



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Session Chairs: 1. Dr. Balasaraswathi V R, Assistant Professor (SG-2), SCOPE, VIT Chennai
2. Dr. D.Prabakaran, ASP/ECE, IFETCE

Date and Time: 20/11/2025 (Thursday- AN), 1:30 PM to 3:30 PM

Track 2 : Emerging Trends in Data Security, Energy Efficiency

S.NO	Paper ID	Paper Details
1	ICSTSN 75 (1.30 PM-1.45 PM)	Designing A Multi-Layered Rate Limiting Framework For Resilient Cloud-Native Systems <i>Josephine Eskaline Joyce, Prashanth Bhat, Srikanth Murali</i>
2	ICSTSN 54 (1.45 PM - 2.00 PM)	End To End Deep Learning For Enhance Epitope Classification In Vaccine Design <i>Rohit Ratan Sonawane, Anand Singh Rajawat</i>
3	ICSTN 420 (2.00 PM - 2.15 PM)	Hybrid Optimization Approach for Strengthening Cloud Data Security with Controlled Access <i>R.Mahesh Muthulakshmi</i>
4	ICSTN 454 (2.15 PM -2.30 PM)	Energy-Aware Task Offloading and Resource Management in Delay-Sensitive Edge Cloud Computing Environment Optimization <i>Harish Chamarthi</i>
5	ICSTN 502 (2.30 PM -2.45 PM)	Efficientnet-B0 Based Deep Transfer Learning For Diabetic Retinopathy Classification <i>Abhishek kumar, Sachin Ahuja, Pramod Singh Rathore</i>
6	ICSTSN 170 (2.45 PM-3.00 PM)	Innovative Hybrid Strategy for Energy-Efficient Clustering and Routing in Wireless Sensor Networks <i>Ramkumar Natarajan, C.Gokul Prasad, A. Amarnath, V.Ranjeeka shree, J.Dhanasekar, S.Ramalingam</i>
7	ICSTSN 460 (3.00 PM-3.15 PM)	Symmetric Bit Stacking: A High-Speed, Low-Power Design Paradigm For Binary Counters <i>T.Punith, A. Yasovardhan, K.Victor, G. Vallathan, P. Vijai Bhaskar, V.V.S.V.S. Rama Chandram</i>



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Session Chairs: 1. Dr. K. Kavin Kumar, Associate Professor/ECE, Kongu Engineering College
2. Dr. U.Palani, Professor/ ECE, IFETCE

Date and Time: 21/11/2025 (Friday-FN), 10:00 AM to 12:00 PM

Track 3 : Deep Learning and its Applications

S.NO	Paper ID	Paper Details
1	ICSTSN 337 (10.00 AM-10.15AM)	Climate-Aware Agricultural Land Suitability Prediction Using Machine Learning and Deep Learning Ensembles <i>Donga Rupa Lakshmi Bhavani, Kaligithi Rajesh kumar, TulasiRaju Nethala, Praveena Mallampalli</i>
2	ICSTSN 322 (10.15 AM -10.30AM)	Clinical And Imaging Fusion For Maternal and Fetal Health Prediction <i>A. Kaivalya Harshini, Bhagyanagar Sriya, M. Vamshi, G.Vallathan, G.Venkateshvarlu, Vellala Amareswar</i>
3	ICSTSN 445 (10.30 AM -10.45 AM)	Compiler-Enhanced Language For Scalable Data Workflows <i>Himanshu Arora</i>
4	ICSTSN 467 (10.45 AM -11.00 AM)	YOLO-Based Framework For Efficient Lung Cancer Detection From CT Imagings. <i>Gaurav Madhade, Sujal Khadgi, Priyanshu Gawate, Rahul Agrawal, Nekita Chavan, Chetan Dhule</i>
5	ICSTSN 506 (11.00 AM-11.15 AM)	Clinical Summarization of Bradycardia and Desaturation Episodes in Preterm Neonates using LLM models <i>Nancy Jane Y, Pabitha, Janani Priya R, .Dr.V.Lakshmi, Dr.Sumanth S Badhya</i>
6	ICSTN 258 (11.15AM –11.30AM)	Evaluating the Cloud Access Protocols : The Art of Minimalist Security by Applying The Principle of Least Privileges <i>Vikas Dubey, Bharti Dubey, Divyarth Rai, Anamika Singh</i>
7	ICSTSN 461 (11.30 AM - 11.45AM)	Optimized Yolov8n With Convolutional Block Attention Mechanism For Vision Based Systems <i>B. Lahari, K. Varshitha, Ch. Pranav, M. Laxmi, G.Vallathan, .K.Mamatha</i>
8	ICSTSN 487 (11.45 AM -12.00 PM)	A Hybrid Approach to Secure Certificate Embedding and Retrieval using Sneakcert Algorithm <i>K.Suresh Kumar, K.Karthick, V.Meganathan, S.Kavinkumar, G.MaheshKumar</i>



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2. Dr.T.Rampradesh, Associate Professor/EEE, IFETCE

Date and Time : 21/11/2025 (Friday-FN), 10:00AM to 12:00 PM

Track 4 : Smart Energy and Secure Intelligent Systems

S.NO	Paper ID	Paper Details
1	ICSTSN 476 (10.00 AM – 10.15 AM)	Assessment of Electromagnetic Interactions in Electric Vehicle Wireless Charging Systems <i>Jaisiva S, Abhinaya M, Pooja M, Nandhagopal D, Mathivadhani S, Srivatsan S N</i>
2	ICSTSN 477 (10.15 AM - 10.30 AM)	Universal Battery Life Estimation Using Digital Twin Technology <i>Jaisiva S, Krishnaveni T, Kanishka M, Kishore B, Lijo Jacob Varghese, Dhanaselvam J</i>
3	ICSTSN 490 (10.30 AM -10.45 AM)	Adaptive And Energy-Efficient Routing in WSNs From Fuzzy Clusters To Bee-Inspired Paths <i>Ramkumar Natarajan, Rajkumar KK, S.Murugesan, S.Ramalingam, V.Ranjeeka shree, E.Neelraj</i>
4	ICSTSN 279 (10.45 AM-11.00 AM)	Detection of Military Target from Satellite /SAR Images <i>Rishitha M, Sakthi.M, Rithiga.V , Suriya.M</i>
5	ICSTSN 491 (11.00 AM -11.15 AM)	Energy-Efficient and Trust-Driven Communication in VANETs using Nature-Inspired Optimization <i>Ramkumar Natarajan, R.Rajakumari, S.Murugesan, E.Neelraj, V.Ranjeeka shree, S.Ramalingam</i>
6	ICSTSN 150 (11.15 AM-11.30 AM)	An Efficientnet-Based Deep Learning Framework for Clinical Structured Data in Early Detection of Esophageal Cancer <i>Anbalagan S</i>
7	ICSTSN 406 (11.30 AM – 11.45 AM)	Hybrid Quantum Optimization and Sensing for Real-Time Hospital Operations: or Scheduling, ICU Staffing, And MRI Throughput <i>Vishnukumar A, B. Dinesh, Harini Pachaiyappan,,Lakshmi Priya V, Rakesh R, Suvathika K,</i>
8	ICSTSN 409 (11.45 AM - 12.00 PM)	Sybil-Resistant Decentralized Blockchain-Enabled Federated Learning For Edge AI: Robustness And Incentive Mechanisms <i>Vishnukumar A, Govarthan V, Deva Dharshini K S, Barath S, Yuvanesh V, Suvathika K,</i>



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 2. Dr. R.Thendral, HoD/IT, IFETCE

Date and Time : 20/11/2025 (Thursday-FN), 11:00 AM to 1:00 PM

Track 5 : Smart Bio-Computing and Intelligent Systems

S.NO	Paper ID	Paper Details
1	ICSTSN 009 (11.00 AM-11.15 AM)	AI-Data Driven Analysis Of Nutritional Vitamin Deficiency Perceptions in the Healthcare Sector <i>Manoranjitham R, Dr. Senthil G. K. Arthi, Silambarasan M, Nandhakumar A, Raghuraman V</i>
2	ICSTSN 020 (11.15 AM -11.30 AM)	Intelligent Traffic Management System Using AI And DL OpenCV To Optimize Traffic Flow And Reduce Congestion In Smart Cities <i>Senthil G.A, Manoranjitham R, K. Arthi , Sasikumar R, Rukmangathan D, S Vaheethabanu</i>
3	ICSTSN 096 (11.30 AM -11.45 AM)	BIOXAI-NET: A Bio-Optimized XAI Framework For Lung Cancer Prediction From CT Scans <i>E Lavanya, Dr. A. Latha, Dr. M.Ramalingam</i>
4	ICSTSN 402 (11.45 AM -12.00 PM)	Medibloom AI-Powered Public Health Assistant Revolutionizing Disease Awareness <i>Dr.S. Usharani, Mrs.P. Manju Bala, Dr.R. Rajesh, Ms.S. Ruddhra, Ms.V. Kiruthigaa, Dr.K. Rajkumar</i>
5	ICSTSN 512 (12.00 PM -12.15 PM)	CNN-Based Diagnosis Of Fatty Liver From Ultrasound Images - A Comprehensive Experimentation With Diverse Optimizers <i>Dr. B. Lakshmi Priya, Parvati Bhandari</i>
6.	ICSTN 488 (12.15 PM-12.30 PM)	Intelligent Bluefin Clustering Protocol (IBCP): An Adaptive Multi-Objective Framework for Energy-Efficient, Low-Latency, and Reliable Wireless Sensor Networks in IOT <i>Dr. R. Asokan, Dr. V. Malathy, Mr. R. Palani Kumar</i>
7.	ICSTSN 151 (12.30 PM - 12.45 PM)	Domain-Adversarial Neural Networks based Cross-Domain Paddy Disease Classification: A Deep Learning Approach with Entropy Minimization <i>Senthilkumar. M.K.S, Dr. Sornalakshmi. K</i>
8.	ICSTSN 223 (12.45 PM - 1.00 PM)	Docking-Based Insights into Phyllanthus amarus Bioactives as Potential Inhibitors of Human Papillomavirus (HPV) E6 Protein <i>Santhanalakshmi K, Vinoth M, GomathiThandapani, Kalaiaarasi K</i>



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 2. Dr. B.Elizabeth Caroline, Professor,IFETCE

Date and Time : 21/11/2025 (Friday-FN), 10:30AM to 12.30 PM

Track 6 : **Predictive Analytics**

S.NO	Paper ID	Paper Details
1	ICSTSN 098 (10.30 AM -10.45 AM)	A Predictive Study on Early Alzheimer's Diagnosis using Statistical Learning Methods <i>Amrutha reddy medapati, Krishika S ,Logeshwari Dhavamani</i>
2	ICSTSN 37 (10.45 AM -11.00 AM)	Deep Learning Approach for Automated Tridosha Classification Based on Ayurvedic Facial Features <i>Kaushik Hariharan G, Rohith R., Maheswari B, Harini N, Raghul J, Saraswathi U</i>
3	ICSTSN 501 (11 AM -11.15 AM)	Poweroptimized AES Using CFA For Secure Memory Access and FPGA Implementation <i>B.Suriya, Kavim Kumar K, Meera Devi T, S.Thirugnanaguru,, V.Vishal Varma, Priyanka Dwivedi</i>
4	ICSTSN 463 (11.15 AM -11.30 AM)	Climate Pattern Detection And Prediction Using Deep Learning <i>Mrs.R.Vidhya, Mrs.R.Punitha Gowri, Mr S. Divakaran, Ms.S.Haripreetha, Charanya J, Mr. Syed Muhammad Abdul Bakir</i>
5	ICSTSN 465 (11.30 AM- 11.45 AM)	Explainable AI for Interpretable Plant Disease Classification Using CNN and GRAD-CAM <i>Vennila M, Raveen Raj C, Dr Sree Sharmila T, Vennila M,</i>
6	ICSTSN 500 (11.45 AM -12.00 PM)	Personalized Healthcare Insights AI Driven Predictive Analysis And Intervention <i>K Sashithra, Kavim Kumar K, C Mahesh,,M. Shantha Kumar, Priyanka Dwivedi, Neelam Sanjeev Kumar</i>
7.	ICSTSN 130 (12.00 PM -12.15 PM)	Boosting for Better Speed Prediction: A Context-Aware Analytical Framework Using Real-Time Environmental Data <i>Bharath Vaji R S, B.Kabilan, Mary Joseph</i>
8.	ICSTSN 179 (12.15 PM -12.30 PM)	Photonic Crystal Sensors in Microfluidics for Real-Time Chemical Reaction Monitoring <i>M.Vinoth, Chandrasekaran T, Thirumoolan D, Arunkumar A, Santhanalakshmi K</i>



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 2. Dr. J.Jayachitra, ASP/CSE(CS) , IFETCE

Date and Time : 20/11/2025 (Thursday -FN), 11:00 AM to 1:00 PM

Track 7 : Intelligent Bio-Systems and Advanced Computing

S.NO	Paper ID	Paper Details
1	ICSTSN 427 (11.00 AM-11.15AM)	Generative AI-Based Improved Conditional GAN Algorithm for Autonomous Electric Vehicle (AEV) Object Detection Models with Synthetic Data <i>Imran khan M, Dr. K.Shantha Kumari</i>
2	ICSTSN 163 (11.15 AM -11.30 AM)	Attention Based Early Detection Of Sugarcane Red Rot Disease using Classification Using Res Net <i>S.Archana, Dr.S.VijayaLakshmi</i>
3	ICSTSN 164 (11.30 AM -11.45 AM)	SecGenAI: A Security-Enhanced Generative AI Framework for Healthcare Chatbots <i>Rajkumar.K, Devikanniga Devarajan, Monica Ravishankar</i>
4	ICSTSN 247 (11.45 AM -12.00 PM)	Multimodal Data Integration By Multihead Attention of Latent Space In IOMT Systems <i>R.Vinoth Kumar, Dr.A.Selvakumar</i>
5	ICSTSN 419 (12.00 PM-12.15 PM)	Integrative Framework For Tp53 Mutational Impact Assessment And Drug Repurposing Through Structural Bioinformatics <i>Ashlin Reena R, Ms. Sandhiya A</i>
6	ICSTSN 355 (12.15 PM-12.30 PM)	Fuzzy-Enhanced Deep Learning Model For Robust Cardiac Disease Prediction Using CFDLNET Algorithm <i>Divya.A, Dr. T.Ananth Kumar</i>
7.	ICSTSN 293 (12.30 PM-12.45 PM)	Dual Personality Matching System For Candidate - Company Compatibility Using AI and NLP <i>Ravichandran M, Wishmali S, Dr.Sivasankaran S</i>
8	ICSTSN 470 (12.45 PM - 1.00 PM)	Artificial Intelligence Powered Cyber Threat Detection And Defence Mechanism Using Blockchain Security For Financial Attack Based On Deep Feature Engineering <i>R. Saranya, Dr. Sumathy Kingslin</i>



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2. Dr. Rosario Gilmary, AP/IT

Date and Time : 21/11/2025 (Friday-FN), 10:30 AM to 12:30 PM

Track 8 : **Data Driven Predictive Analytics**

S.NO	Paper ID	Paper Details
1	ICSTSN 472 (10.30 AM-10.45 AM)	Automated Multilingual Content Delivery for the Visually Impaired via AI-Driven Document Parsing <i>M. Selvaganapathy, N. Nishavithri, P. Prabakaran, R. Nithya, Kanimozhi Rajasekaran, A. Baby Joice</i>
2	ICSTSN 099 (10.45 AM -11.00 AM)	Plant Leaf Disease Detection using CNN With Efficientnet-B0 <i>Praveenraj R M, Vignesh S, Dr.B.Senthilnayaki</i>
3	ICSTSN 315 (11 AM -11.15 AM)	Optimizing Public Transport Scheduling through IoT-Enabled Vehicle Demand Prediction with LSTM-MDN <i>Dr.M.Suresh, Dr.S.SivaSankaran, P.Mathivanan, Dr.R.Rajmohan</i>
4	ICSTSN 507 (11.15 AM -11.30 AM)	AI-Driven Predictive Maintenance in HVAC Systems Using SVM, LightGBM, and XGBoost for Enhanced Efficiency and Air Quality Analytics <i>M.Saravanan, Karthick.S</i>
5	ICSTSN 495 (11.30 AM- 11.45 AM)	Geographically Aware Spatio-Temporal Fusion Transformer Models For Enhanced Air Quality Prediction <i>Akshaya V, Sivanantham, Renukadevi S, Krishnamoorthy V</i>
6	ICSTSN 404 (11.45 AM -12.00 PM)	Deep Learning-Powered Weapon Detection And Classification System Using Efficientdet for Public Safety <i>S. Ashok Kumar, Resmi R Nair, K. Francis David, S. Muthukumaran, D. Senthilkumar, N. Suriya,</i>
7.	ICSTSN 412 (12.00 PM -12.15 PM)	Automated Classification of Skin Cancer using Densenet201, Resnet50 and Efficientnet-B0 Deep Learning Models on Dermoscopic Images <i>Dr E Bharath, Matan P, Dr M Gokuldhev, Dr P Velvizhy, Dr V Thanammal Indu,</i>
8.	ICSTSN 458 (12.15 PM -12.30 PM)	Predicting Crop Yield Based On Bagging Ensemble Model In Machine Learning <i>K.Umamaheswari, Dr.M.P.Ramkumar, Dr.N.Hema Priya</i>



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 2. Dr.S.Usharani,ASP/AIML

Date and Time : 20/11/2025 (Thursday-FN), 11:00 AM to 1:00 PM

Track 9 : AI and NLP for Predictive Risk Assessment

S.NO	Paper ID	Paper Details
1	ICSTSN 373 (11.00 AM-11.15 AM)	Multi Modal Transformer Attention using Variational Autoencoder for Data Fusion in IoMT Systems <i>R.Vinoth Kumar, Dr.A.Selvakumar</i>
2	ICSTSN 162 (11.15 AM-11.30 AM)	Towards Reliable AI-Based Assessment: Modular Scoring and Hallucination Control <i>Rajkumar.K, Devikanniga Devarajan, Kavitha S J, S..Usharani</i>
3	ICSTSN 473 (11.30 AM-11.45 AM)	Smart AI-Intelligence Powered Cyber-Attack Detection and Med-Chain Security System Using Swarm Intelligence Based on Federated Learning <i>Ms. P. Revathi, Dr. Sumathy Kingslin</i>
4	ICSTSN 475 (11.45 AM-12.00 PM)	Unmasking the Silent Signals: Post-Covid Vaccination Impacts on Youth Heart Health Through Data-Driven Risk Assessment and Policy Strategies <i>Dr.R.Suganthi, Dr.C.Dhanusha, G.Santhanakrishnan, R.Poongodi, S.JayabarathiPriya, K.R.Dhanya</i>
5	ICSTSN 272 (12.00 PM - 12.15 PM)	Bridging Sign And Text - Integrating Continuous Sign Language Recognition With NLP For Real-Time Translation <i>Aravind Chandran, Bala Saravanan P, Hari Prasath R K, Sunku Shanmukh Sai Nath, Mukilan J, Sushma J</i>
6	ICSTSN 19 (12.15 PM - 12.30 PM)	Recruitment Readiness Platform Using AI-ML And NLP With Blockchain <i>Dr. Senthil G. A, K. Arthi , S Vaheethabanu, Sivaranjini. R, Gowtham. M, Raghuraman V</i>
7	ICSTSN 508 (12.30 PM - 12.45 PM)	Deep Learning Models For Accurate Moisture Deficit Prediction: A Fusion Of Weather and Soil Information <i>A. Balachandar, Dr. S. Mohan , A. Ashmitha</i>
8	ICSTSN 226 (12.45 AM – 1.00PM)	Topological Indices Of Melem Chain, Polymethyl Methacrylate Network And SiO ₂ Nanostructures <i>P. Danesh, Dr. K. Pattabiraman, Ms. A. Anivarsha</i>



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2. Dr. B.Elamvazhudi, ASP/Mech, IFETCE

Date and Time : 20/11/2025 (Thursday-FN), 11:00 AM to 1:00 PM

Track 10 : Smart Sustainable Power and Engine Technologies

S.NO	Paper ID	Paper Details
1	ICSTSN 513 (11.00 AM - 11.15 AM)	Artificial Neural Network Approach For Forecasting The Mechanical Behavior Of Prosopis Juliflora Fibre-Reinforced Epoxy Composites <i>Sivakumar sambath, Rajasekar Rajendran, Sabarish Rajagopalan</i>
2	ICSTSN 243 (11.15 AM - 11.30 AM)	Hybrid AI-Physics Control Framework For Robust And Adaptive Microgrid Operation <i>Deepak kumar B, Mr. K Pradheep, Abinivesh G, Irfan S</i>
3	ICSTSN 314 (11.30 AM - 11.45AM)	Intelligent Smart Metering Framework for Anomaly Detection in Battery Storage Systems and Energy Efficiency Enhancement <i>Dr.M.Suresh, Mathivanan, P.Tamilarasu, S.Pavithra</i>
4	ICSTSN 298 (11.45 AM - 12.00PM)	Digital Twin Modeling and RUL Estimation of a Battery Powered Motor System in MATLAB <i>Chandru G , Dr. Lal Raja Singh R, Ganesh Kumar R, Gokam Gokul</i>
5	ICSTSN 284 (12.00 PM-12.15 PM)	Performance And Emission Characteristics of Soapnut Biodiesel Blends in a CRDI Diesel Engine Operated At Variable Injection Pressures <i>C. Manikandan , N. Sethuraman, C. Syed Aalam, D. Karthikeyan, S. Devi, K. Manikandan</i>
6	ICSTSN 333 (12.15 PM-12.30 PM)	Photovoltaic Powered Re-Boost Converter with Controllers for Induction Motor Drive in Electric Vehicles <i>Dr. B. Balaji, R. Revathy, R. G. Ishwarya, Prof. R. Preetha</i>
7.	ICSTSN 510 (12.30 PM - 12.45 PM)	A Hybrid Deep Learning Framework for Smart Detection and Mapping of Illegal Waste Using Satellite Imagery <i>M. Arunkumar , S.Harini</i>



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Date and Time : 21/11/2025 (Friday-FN), 10:30 AM to 12:30 PM
Track 11 : Blockchain & SDN for Smart Network Management

S.NO	Paper ID	Paper Details
1	ICSTSN 229 (10.30 AM-10.45 AM)	A Blockchain-Enabled Optimized Crypto Table-Based Key Generation Framework With Anonymous Reputation And Smart Contract-Driven Security In Private Ethereum <i>Syed Usman Basha, Brintha Rajakumari S</i>
2	ICSTSN 497 (10.45 AM -11.00 AM)	Gesture-Driven Intelligent Security System for High-Security Premises Using Computer Vision and Object Detection <i>S. Vasudevan, Varada Sandeep, Somineni Pavithra, Bommireddy Vikas Reddy</i>
3	ICSTSN 125 (11 AM -11.15 AM)	Developing a Secure, Scalable MERN Web Platform For Real-Time Food Ordering and Financial Transactions <i>Mukesh R, P Sivaramakrishnan, Najeem Dheen Abdul Majeeth</i>
4	ICSTSN 328 (11.15 AM -11.30 AM)	Advanced Bird Sound Recognition: Leveraging The Birdnet Analyzer And Recent Deep Learning Techniques <i>Ailuri Achi Reddy, Kardeepa Ponnuchamy, Harshith Devarapalli, Naveen Kumar Paravada, Siva Shankar Goli, N. Muthu Bala</i>
5	ICSTSN 308 (11.30 AM- 11.45 AM)	Lightweight Privacy-Preserving Framework For Multi-Factor Cloud Decision Systems <i>Dr.N.Deepa, Mrs. Gomathi V</i>
6	ICSTSN 403 (11.45 AM -12.00 PM)	Greennetslice: Advancing Energy-Aware Communications Through SDN-Enabled Networking <i>Leo Prasanth L, Uma E, Kamatchi K</i>
7.	ICSTSN 451 (12.00 PM -12.15 PM)	Digital Sustainability In Business Models: Role of Digital Enablers and Smart Technology <i>Dr Sudha S, Dr.Anitha Kumari D, Mr.Perumal</i>



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2. Dr.K.Sathyabama, AP/CSE

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Track 12 : Advanced Cryptography and Trustworthy AI Systems

S.NO	Paper ID	Paper Details
1	ICSTSN 426 (10.30 AM-10.45 AM)	Energy-Efficient Adaptive Beamforming For 5G Massive MIMO Using Deep Reinforcement Learning <i>Kanagavalli G, Dr.P.Dhinakar</i>
2	ICSTSN 489 (10.45 AM -11.00 AM)	A Novel Approach To Secure Image Steganography Using Elliptic Curve Cryptography, Lagged Fibonacci Generator, And Chinese Remainder Theorem <i>Dr Kalaichelvi V, Mr Sanjay M P, Dr Vimala Devi P, Smt Santhiya M, Smt Hemamalini S, Dr Manjula</i>
3	ICSTSN 367 (11 AM -11.15 AM)	A Transparent Deep Learning Model For Detecting Dyslexia Through Handwriting Patterns : Enhancing Interpretability With Grad-Cam <i>Saranya N, Mohanapriya D, Priyatharsini S, Mathivanan.P, Nithya Sri P R, Agashya B</i>
4	ICSTSN 417 (11.15 AM -11.30 AM)	Tabular Transformer Vs Ensemble Baselines for Early Lung Cancer Detection <i>K. Boopalan, Lokeshwaran, S.Vasudevan, Pajany M</i>
5	ICSTSN 149 (11.30 AM- 11.45 AM)	A Survey On Quantum-Resistant Dead Drop Communication System <i>Dr.B.Ananth, Shivram Alias Vignesh, P.V.S Vijay Prasanth, Deepak Raj</i>
6.	ICSTSN 462 (11.45 AM -12.00 PM)	Automated Bone Fracture Detection and Radiology Report Generation from X-Rays <i>Charanya.J, Mrs.S.Sivaselvi, Mrs.M.Nanthini, Mr. S. Shahidkhan, Mr. C.E Naveen Ram, Mr. K Naveen Kumar</i>
7	ICSTSN 307 (12.00 PM -12.15 PM)	Explainable Trust Mechanisms in Privacy-Aware Multi-Factor Decision Support on Cloud <i>Dr.N.Deepa, Mrs. Gomathi V</i>



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2. Dr. P. Pugazhendiran, Professor/EEE, IFETCE

Date and Time : 20/11/2025 (Thursday-FN), 11:00 AM to 1:00 PM

Track 13 : Advancements in Electric Mobility and Energy Systems

S.NO	Paper ID	Paper Details
1	ICSTSN 152 (11.00 AM-11.15 AM)	Optimized DC Load Management in Solar Battery Using Artificial Intelligence <i>Mohammed Harris J A, R Thamizharasan , Krithik Roshan M L, Mohammed Harris J A, Roshan joshwa J</i>
2	ICSTSN 214 (11.15 AM-11.30 AM)	Design And Analysis of A Synchronous Reluctance Motor With Low-Cost Ferrite Magnets For EVS <i>Monica P, Dr. M Deepak, Monika P, Gowtham P, Thapasya P</i>
3	ICSTSN 238 (11.30 AM-11.45 AM)	Battery-Powered Induction Motor Drive For Electric Vehicles Using Advanced Sliding Mode Control <i>Dr. B. Balaji, Mr. M. Ramkumar, P. Hemalatha, R. Revathy</i>
4	ICSTSN 141 (11.45 AM-12.00 PM)	AI-Integrated Solar-Powered Battery Charging System Using Smart LLC Resonant Converter <i>J Jayasurya, Mr. K Satheeshkumar, J Jayasurya , G Sivanesh , K Narasimman,</i>
5	ICSTSN 302 (12.00 PM - 12.15 PM)	Digital Twin-Driven Intelligent Control For Loss Minimisation In Standalone Renewable Microgrid <i>Snekapriya M, Mr. Pradheep K, Mohamed Abdulla A, Siva Ganesh V</i>
6.	ICSTSN 289 (12.15 PM - 12.30 PM)	Smart Catalyst Engineering: Cu-Mg ZSM-5 Zeolites For Sustainable Si Engine Emission Control <i>Sethuraman N, Mr.R.Thamizhvel, S.Vinodraj, R.Prabakaran, ST Sasidharan, K.Sumanraj.</i>
7.	ICSTSN 511 (12.30 PM - 12.45 PM)	Performance Analysis Of LLC Resonant Converters For Fast Charging Of Electric Vehicles <i>R. Suganya, Dr. P. Vimala, Mr. N. Sivanantham, Mr. N. Naveenkumar,</i>
8.	ICSTSN 30 (12.45 PM - 1.00 PM)	Surface Water Quality Analysis of Temple Ponds in Cuddalore with Emphasis on Environmental and Public Health Implications <i>P.Priyanka, Mrs.N.Porkodi, Dr.M. Jebastin Sonia Jas, Dr.N.Nagarajan, Mr.B.Deepak</i>



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2. Dr.S.Sivasankaran, ASP/CSE, IFETCE

Date and Time : 21/11/2025 (Friday-FN), 10:30AM to 12:30 PM

Track 14 : **Security, Blockchain & NLP Techniques**

S.NO	Paper ID	Paper Details
1	ICSTSN 494 (10.30 AM - 10.45 AM)	LDIR: Natural Language Instruction based Database Information Retrieval Using Local Lightweight Large Language Model <i>Akshaya V, Sivanantham S, Renuka Devi, Sekar K, Rohit P, Sri Pranaav M,</i>
2	ICSTSN 331 (10.45 AM - 11.00 AM)	Hybrid AI Framework for Malaria Detection: Combining Fuzzy-Maxvit And Large Language Models <i>Rohith R, Mr. Adithya Siddaia S K</i>
3	ICSTSN 504 (11.00 AM - 11.15 AM)	Securing Biometric Authentication System Using Blockchain Technology <i>Poonguzhali N, Vandana Kumari</i>
4	ICSTSN 485 (11.15 AM - 11.30 AM)	Prediction of Mental Health Disorder Progression Using Machine Learning Algorithm <i>K.Babu, Shrinivas Anavekar, Siddharth S Nair, Srikar Reddy Gunupati, Divjyot Kaur Saini, S.Ezhilvanji</i>
5	ICSTSN 217 (11.30 AM - 11.45 AM)	Ensemble GBM-Based Capsule Networks For Malicious URL Detection <i>S. Sri Saye Lakshmi, Dr.K.Shantha Kumari</i>
6	ICSTSN 498 (11.45 AM - 12.00 PM)	Simulation-Based Analysis of Signal Dispersion in Optical Communication Systems <i>J.Vidhya, B.Elizabeth Caroline, E.Harivarshan,, K.Shobana</i>
7.	ICSTSN 232 (12.00 PM - 12.15 PM)	Real-Time Detection of Driver Distraction Due to Alcohol and Fatigue <i>Jayakumar D,Ramkumar M.O,Logesk kanna M,Sanjai S,Kanimozhi P, Jayanthi J</i>
8.	ICSTSN 509 (12.15 PM - 12.30 PM)	Lightweight Mask-Aware User Authentication Framework Using Mobilefacenet For Medical IoT Network <i>Dr Praveen R, Mr Balaji S</i>