



ICSCC
2025

2025 11th International Conference on Smart Computing and Communications

3 - 5 July, 2025

Venue: Muthoot Institute of Technology and Science, Kochi, India

Day 1: 03.07.2025 (Thursday)

ICSCC 2025 Paper Presentations		
Track 3: Technology (Systems for a secure and sustainable world)		
Session 1		
Date: 03.07.2025		
Time: 10.00 AM - 12.30 PM (IST)		
Session Manager: Dr. Geethu S		
Email: geethus@mgits.ac.in		
Venue: M304, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
52	Theyyam Character Identification using Deep Learning Techniques <i>Mr. Mahesh K M, Dr. Pradeep S, Mr. Gokul Ramesh</i>	03.07.2025 10.00AM-12.30PM (IST)
383	Enhancing Sanskrit to English Neural Machine Translation using Reinforcement Learning from Human Feedback <i>Vibha Marpalle, Harshitha Krishna R, Ganeshkrishna B, Darshan Hegde, Preethi P</i>	
555	Payment Interface Using Iris Recognition <i>Sahil Kumar A M, Shivasharan R, Shreyas Shetty, Sumanth Revankar, T S Chandar</i>	
556	Hybrid Image Encryption Using 2D Beta Chaotic Maps and AES Algorithm for Enhanced Security <i>Avani M, Anamika PR, Aravind P, Dhanya R</i>	
624	Automated Knowledge Graph Construction from Cricket Commentary using NLP and Neo4j <i>Abseena Habeeb , Sajimon Abraham</i>	
635	A Sensor-Integrated System for Multi-Disaster Prediction Using Fuzzy Logic and Decision Tree Algorithms <i>P K Harsha, Shafinaz N P, Shahana Shahin, Shahma K P, Laila V, Jitha K</i>	
846	Leveraging Deep Neural Networks with Gradient	

	Optimization for Personalized Food Recommendations <i>Smitha K S, Dr. Sudhamathy G</i>	
860	Enhanced Substitution-Permutation Network Encryption technique for Lightweight Cryptographic in Internet of Things (IoT) applications <i>Priya Selvam, Aneskar G.G, Gurucharan Jayabalan, Vijay Rahul V, Rajamohan Jayabal</i>	

Day 2: 04.07.2025 (Friday)

ICSCC 2025 Paper Presentations		
Track 3: Technology (Systems for a secure and sustainable world) Session 2 Date: 04.07.2025 Time: 10.00 AM - 12.30 PM (IST) Session Manager: Ms. Thasni K N Email: thasnikn@mgits.ac.in Venue: M304, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
862	Malayalam Text-to-Speech Synthesis Using Tacotron2 and Neural Vocoders <i>Sandra V S, Reshmi S Bhooshan</i>	04.07.2025 10.00AM-12.30PM (IST)
868	AI-Centric IoT System For Disaster Detection and Predictive Analysis <i>Arya Anilkumar, Dr Shibu K.R</i>	
895	Smartwatches in Crime Investigation and Digital Forensics: Exploring Possibilities and Applications <i>Ann Preetha Jose, Dr. Abin Oommen Philip, Dr. Jobin Jose</i>	
1042	A Novel Multidimensional Approach for Enhancing Aromatic and Medicinal Plant Classification Using Texture and Chemical Composition Features with Deep Learning <i>Shareena E M, Dr. Abraham Chandy D</i>	
1173	Intelligent Campus Monitoring and Tracking System <i>Keerthana P, Meenakshy Sabu, Priya Shaji, Tessa Johnson, Rashmi Annamma George</i>	
1195	An Analysis of Vaccination Strategies on Epidemic Spread in a Friendship Network <i>Nandini Sreejit Nair, Jisha Mariyam John, Dr. Divya Sindhu Lekha</i>	

ICSCC 2025 Paper Presentations		
Track 3: Technology (Systems for a secure and sustainable world) Session 3 Date: 04.07.2025 Time: 1.30 PM - 04.00 PM (IST) Session Manager: Ms. Lithiya Sara Babu Email: lithiyasarababu@mgits.ac.in Venue: M304, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
1203	Intelligent Threat Detection in RPL-Based Military Networks: A LightGBM Approach <i>Nayana MS, Navya PG, Nima S Nair</i>	04.07.2025 1.30PM-04.00PM (IST)
1213	Real-Time Sign Language Translation Using LSTM <i>Navya T V</i>	
1231	AI-Driven Smart Fire Evacuation System <i>Rohit Babu George, Bhavan S, Ria Stanly Keecheril, Nandhana KP, Asha Raj</i>	
1243	Surface Sleuth: High-Resolution Fingerprint Discovery <i>Rohith Raju, Jayakrishnan B, Biya Bijoy, Anvar Sadath A K, Archana P G, Sruthi Rahul</i>	
1256	Cross-Domain Anomaly Detection in Wireless Sensor Networks Using Hybrid Deep Transfer Learning <i>Dr.S.Saraswathi</i>	
1271	Complexity Analysis of Hierarchical Tucker-Based Tensor Decomposition in 3D CNN and LSTM Architectures for Video Data <i>Anoopa S, Salim A, Nadera Beevi S</i>	

Day 3: 05.07.2025 (Saturday)

ICSCC 2025 Paper Presentations		
Track 3: Technology (Systems for a secure and sustainable world) Session 4 Date: 05.07.2025 Time: 10.00AM-12.30PM (IST) Session Manager: Ms. Sneha Thankachan Email: snehathankachan@mgits.ac.in		

Paper ID	Title & Authors	Date & Time
663	Revolutionizing Braille with Speech Synthesis <i>Y. Mohanalaxmi, R. Keerthana, K. Varunkumar, Dr. Mohan Dholvan, Dr. Shailaja Mantha</i>	05.07.2025 10.00AM-12.30PM (IST)
667	Fake Product and Fake Review Detection <i>Sunku Giridhar Shanmukh, Bharath Chandra Bhuvanagiri, Abhishek Balaji, Dr. Mohan Dholvan, Dr. Shailaja Mantha</i>	
841	An Efficient Approach for Task Scheduling and Load Balancing Across Multi-Cloud Frameworks <i>Ms.S. Jegath Priya, Dr.P.Abinaya, Dr.J.Senthil Kumar, Ms.M. Divya Jeyashree</i>	
986	Explore Hybrid Quantum-Classical Models for Enhanced Image Recognition <i>Madhav Sharma, Hukam Chand Saini, Samiksha Agarwal, Shalini chaudhary, Pushpendra kumar Sikarwal</i>	
1039	Secure Data Transmission in Vehicular Ad Hoc Networks (VANETS) Through the Reputation Mixture Transition Circulation Algorithm <i>Dr. V. Deepa, Dr. R. Jeevitha, Dr. P. Parvathi</i>	