



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 1: Smart Computing Session 1 Date: 03.07.2025 Time: 10.00 AM - 12.30 PM (IST) Session Manager: Ms. Leda Kamal Email: ledakamal@mgits.ac.in Venue: M302, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
402	The Multiple Data Model Framework to Identify Unusual Patterns or Behaviors and Proactive Intervention <i>Indubala S, Aparnna Raju, Krishna I, Sooraj S, Dr. Sujith Kumar P. S.</i>	03.07.2025 10.00AM-12.30PM (IST)
486	Voxel-Guided Point Mapping for Point Cloud Object Detection <i>Datti Jyothsna, Dr. G. Ramesh Chandra</i>	
499	A Food Freshness and Calorie Estimation System for Traditional Kerala Food using Machine Learning <i>Sneha Ann Samuel, Nidhin R, Karthika Krishna, Nandana R, Maeve Ann Varghese, Christo Cherian</i>	
536	TraceFusion: Precision AI for Missing and Wanted Person Detection <i>Jifith Joseph, George P Kurias, Gokul Krishna A U, Sharunmon R, Linsa Mathew</i>	
537	Hybrid YOLOv5-VGG16 Model for Pulmonary nodule Detection and Classification <i>Ganga B M, Dr.Helen Mary M C</i>	
736	MultiPath Deep Lung Cancer Classification Network Utilizing Normal and Dilated Convolution Along with Residual Connection <i>Syam S., K.P. Pushpalatha</i>	

Day 2: 04.07.2025 (Friday)

ICSCC 2025 Paper Presentations		
Track 1: Smart Computing Session 2 Date: 04.07.2025 Time: 10.00 AM - 12.30 PM (IST) Session Manager: Ms. Neethu Krishna Email: neethukrishna@mgits.ac.in Venue: M302, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
332	Object Classification in 4D Point Cloud Data <i>G.Ramesh Chandra, Jyothsna Datti, Adityanath Kurna, Sai Kumar Peddineni, Sri Charan Darna, Ravali Manthena</i>	04.07.2025 10.00AM-12.30PM (IST)
835	An Ensembled Deep Learning Model to Improve Diagnosis of Dementia Stages from Brain MRI Images <i>Sheenamol Yoosaf, Sudheep Elayidom M, Alosh Denny</i>	
864	Deep Learning for Viral Genome Classification: A Comparative Analysis of LSTM and BERT Models <i>Anchal Kumari, Chaitra Srikumar, Vaishali D S, Sanjay Raju Ramapogu, Biswajit Bhowmik</i>	
873	cbam- enhanced efficientnet for interpretable microscopic fungal classification <i>Riya K, Christy James Jose</i>	
891	Air Quality Prediction using Attention Enhanced LSTM Model <i>Aiswarya Mohan, Arun P Mohan, Soorya Sunil K, Vaishnavi P Sunil, Neel George N</i>	
913	Predicting Airborne Particulate matter levels using Machine learning Techniques <i>Navitha K Krishnan, Dr Roopa Jayasingh J</i>	
1225	A Continuous Indian Sign Language Production System from Isolated Signs <i>Suvajit Patra, Arkadip Maitra, Soumitra Samanta</i>	
ICSCC 2025 Paper Presentations		
Track 1: Smart Computing Session 3 Date: 04.07.2025		

Time: 1.30 PM - 04.00 PM (IST)
Session Manager: Ms. Anu Jose
Email: anujose@mgits.ac.in
Venue: M302, Muthoot M George Block

Paper ID	Title & Authors	Date & Time
914	Artificial Intelligence based Real Time Multi-modal Text, Speech, Gesture Recognition for Adaptive Robot Manipulation <i>Sharanya G S, Shama Kiran, Poorna Pragnya H, Sanya Vashist, Shylaja S S</i>	04.07.2025 1.30PM-04.00PM (IST)
977	Integrated Travel Recommendation System using Deep Learning <i>Nandana T S, Melvin Joseph Siby, Nibil Mathew, Gayathri S, Dhanya L. K</i>	
982	A Hybrid NLP Framework for Sarcasm-Aware Sentiment Analysis of Pharmaceutical Reviews <i>Megha Santhosh Kumar, Sidharth O R, Devi Saparya T S, Aparna P V</i>	
1041	Test Model for Converting Text or Audio to ISL for Telugu Language <i>Murali Karthik Mannem, Shiva Sai Prasad Kolipaka, Anjusha Pimpalshende, Sudhakar Guguloth, Keerthi Reddy Ravula</i>	
1111	An Enhanced Feature Extraction Technique for Landslide Image Analysis <i>Sreelakshmi S., Vinod Chandra S. S.</i>	
1179	Integrating Edge AI and Multi-Agent Intelligence for Personalized Eldercare <i>Sandhiya S, Ms S Sajithra</i>	
1206	AR Based Geo-Environmental Monitoring System using Spatial Analytics and Deep Learning <i>Rahul Chiranjeevi. V, Adhithya PG, Gowri Nanda, Aksaaya</i>	

Day 3: 05.07.2025 (Saturday)

ICSCC 2025 Paper Presentations
Track 1: Smart Computing Session 4 Date: 05.07.2025

Time: 10.00 AM - 12.30 PM (IST)
Session Manager: Ms. Mithu Mary George
Email: mithumarygeorge@mgits.ac.in

Paper ID	Title & Authors	Date & Time
258	Fog-Computing Web Application for Home Monitoring and Assistance Real-Time Health Care of Veterinary Services <i>Alexis Villegas, Paola G. Vinueza-Naranjo, Janneth Chicaiza, Yesenia Cevallos†, Deysi Inca†, Jorge Delgado and Navinkumar Patil</i>	05.07.2025 10.00AM-12.30PM (IST)
303	Agri-Detect: A Transfer Learning Framework for Scalable Disease Diagnosis in Staple Crops <i>Sangita Mondal, Saini Saha, Sudipta Dinda, Roshan Kumar, Nabanita Das, Bikash Sadhukhan</i>	
634	Proctoring System to Enhance Online Exam Integrity Through Computer Vision for Analyzing Facial Expression, Stress Levels, and Behavioral Patterns <i>Dr. Sanjai Gupta, Ravindra R Dharamshi, Vinodkumar U Kakde, Dr Mahmood Al-Bhari, Joji John</i>	
679	Lightweight and Accurate: Deepfake Detection using Binary Neural Networks(BNN) and Vision Transformer(ViT) <i>Stephy Joy D, Dr.R.Thirumalai Selvi</i>	
719	Rakshak: An AI-Powered SOS System with Offline and Indoor Emergency Response Capabilities <i>Sorbojit Mondal, Ricky Dey, Rupam Saha, Piyush Goneka, Nabanita Das, Bikash Sadhukhan</i>	
738	Tailored Voice Activation for Enhanced Accessibility <i>B. Venkatesh, V. Indhu, S. Annapoorna, Bh. ManuShree, B. Rishitha, M. Ratnapriya</i>	
865	SkillHive: An AI-Powered Context-Aware Skill Enhancement Platform for Gig Workers <i>Ricky Dey, Anurag Dey, Sorbojit Mondal, Piyush Goenka, Nabanita Das, Bikash Sadhukhan</i>	
1115	Enhancing Scalable Data Processing: Integrating MapReduce with IaaS-based Cloud Environments <i>Rabiatu Mohammed</i>	
1263	Design and Evaluation of a Mental Health Hybrid Decision Support System (MHH-DSS) for Stress Type Prediction Using Machine Learning Classifiers on COVID-19 Dataset <i>Poonam, Dr. Neera Batra</i>	