



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 4: Intelligent Systems and Analytics		
Session 1		
Date: 03.07.2025		
Time: 10.00 AM - 12.30 PM (IST)		
Session Manager: Ms. Sheena Y		
Email: sheenay@mgits.ac.in		
Venue: M307, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
333	The Intersection of Artificial Intelligence and Human Creativity: Can Machines Truly Understand and Replicate Artistic Expression? <i>Dr Reepu</i>	03.07.2025 10.00AM-12.30PM (IST)
345	Automated Diagnosis of Breast Cancer using Deep Learning Algorithm <i>Dr A Vijayaraj, Shai Kumar R, Sakthikumar D, Shanmugam P R, R Harshavardhan, Sachin R</i>	
351	Optimizing High-Dimensional Features for Predicting Protein-Protein Interactions Using Genetic Algorithm <i>Sini S Raj, Vinod Chandra S S</i>	
492	Labelling and Counting of Bolts after Segmentation in a Multi Bolt Environment <i>G.Ramesh Chandra, Nanda Kishore C, Anudeep P, Siddhardha V, Sreya M, Mallika A</i>	
531	Merging Control in Autonomous Driving <i>Rolwin Pinto, Sanchay Shetty</i>	
535	Personalized Recipe Recommendation Using TF-IDF and Hybrid Filtering Approach <i>Kamal Suresh, Amal Jerry, Alfin Shaji, M Akash, Nandana Saji, Vidhya S S</i>	

Day 2: 04.07.2025 (Friday)

ICSCC 2025 Paper Presentations		
Track 4: Intelligent Systems and Analytics Session 2 Date: 04.07.2025 Time: 10.00 AM - 12.30 PM (IST) Session Manager: Ms. Angel Varghese Email: angelvarghese@mgits.ac.in Venue: M307, Muthoot M George Block		
Paper ID	Title & Authors	Date & Time
728	AI-Enhanced Acoustic Analysis for Comprehensive Biodiversity Monitoring and Assessment <i>Kumar Srinivas Bobba, Kartheeban K, Vamsi Krishna Sai Boddu, Vijaya Mani Surendra Bolla, Dinesh Bugga</i>	04.07.2025 10.00AM-12.30PM (IST)
774	Deep Learning-Driven Audio Sentiment Analysis for Security and Threat Detection <i>Nafla Iqbal,Nirmal Mathew Pradeep,Nitin Menon,Rohini K M,Mariya Vinson</i>	
780	Optimized Deep Learning Architecture for Sentiment Classification Using CNN-BiLSTM and Advanced Word Embeddings <i>Dr.Kartheeban K , Dr.A.Lakshmi , Sri Ram Ganesh M, Aanandaram V, Dr.Jeevitha S</i>	
806	Intelligent Aerial Image Analysis for Wildfire Detection with Neural and Ensemble Methods <i>G V R Kameshwar Rao, Susmitha Vekkot, N Neelima</i>	
878	Deep Learning-Based Multi-Stage Violence Detection and Threat Quantification Using YOLO, MediaPipe, and Temporal Feature Aggregation <i>Nafla Iqbal,Mohammed sadin vp,Livia biju,Godson davis,Fatima C.M</i>	
879	Exploring AI in Kidney Tumor Detection: A Critical Analysis of Radiomics and Deep Learning Techniques <i>Nafla Iqbal,Amudha K C,Aiswarya Mohan,Mohammed sadin vp</i>	
896	Performance Evaluation of OptimaNet for Lung Cancer Classification <i>Aditya Suresh, Aiswarya KB, Aiswarya S, Amrithapriya S, Swapna Davies, Jaison Jacob</i>	
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Track 4: Intelligent Systems and Analytics

Session 3

Date: 04.07.2025

Time: 1.30 PM - 04.00 PM (IST)

Session Manager: Ms. Chinchu Jacob

Email: chinchujacob@mgits.ac.in

Venue: M307, Muthoot M George Block

Paper ID	Title & Authors	Date & Time
920	A Generative Adversarial Network Approach for Predicting Outdoor Pollution Levels using Conditional Data <i>Ranjith Kumar G, Deepa Jose, Mohammed Razeetha M, Rishab Murthi K</i>	04.07.2025 1.30PM-04.00PM (IST)
947	Leveraging 3D CNNs for Robust Detection of GAN-Generated Medical Image Forgeries <i>Sandhya L S, Ajeesh Ramanujan</i>	
957	Enhancing Phishing Detection Using Generative Adversarial Networks <i>Lahir Sai Vignesh, Neha Rajesh, Shivendra Pratap Singh, John Paul, Divya Sindhu Lekha</i>	
999	Enhancing Malicious URL Detection: A Comparative Analysis of Transformer Models with XGBoost Optimization <i>Gopika Ciju Panicker, Uthara Sethuraj, Vimina E R</i>	
1059	AI Driven Lip-Reading System for Assistive Communication <i>Rashaz Rafeeque, Jeevan A J, Rhishitha T S, Dr. Preet Kamal</i>	

Day 3: 05.07.2025 (Saturday)

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Track 4: Intelligent Systems and Analytics

Session 4

Date: 05.07.2025

Time: 10.00 AM - 12.30 PM (IST)

Session Manager: Ms. Rija Jose

Email: rijajose@mgits.ac.in

Venue: M303, Muthoot M George Block

Paper ID	Title & Authors	Date & Time
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934	DermAI: A Deep Learning-Based Mobile Application for Multi-type Skin Cancer Detection <i>Gobi Ramasamy, Nisha Varghese, Elangovan Sivalingam, Selvakumar Ramachandran</i>	05.07.2025 10.00AM-12.30PM (IST)
1087	Evaluating Boosting, Bagging, and Neural Networks for stroke prediction: A Comparative study <i>Neena Suresh, Dr. Binu Thomas</i>	
1180	Enhancing Bipolar Disorder Diagnosis with Custom Loss XGBoost for Imbalanced Multi-Class Classification <i>Ramya Manmadhan, Nadera Beevi S</i>	
1185	EVA: AI-Driven Avatar for College Event Promotion <i>Keerthana Dhanish, Sravan Chand, Reuben Mathew, Anitta Kurian, Priya C V</i>	
1189	A Machine Learning Approach to Predict Knee Septic Arthritis Using Engineered Clinical Features <i>Simina M P, Sebastian Terence, Anishin Raj M.M</i>	
1222	CNN-Based EOG Signal Classification for Human Computer Interfaces <i>Abhijith S, Athulkrishna S, Govind K S, Joel Sunny, Sneha Sreedevi</i>	
1227	Data Analytics for AI-Powered Retail Shopping Assistants <i>Vaishnav Anand, Ferdin Shaji, Muhammed Libda M A, Sanjay Soney Varghese, Dr. Saira Varghese</i>	
1245	FitSync: AI and Digital Twin Solution for Modern Gyms <i>Jishnu G Varier, Noel Susan Mathew, Parvathy V P, Shon Varghese, Sumesh M S</i>	