



Department of Research and Development
SILVER SUMMIT

**2026 International Conference on Emerging Trends in
Mobile Computing and Sustainable Informatics**

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Date: June 17 – 18, 2026

Session 8 Track Name: Sustainable Informatics

Date : 18.06.2026 Thursday

Timing: 11.00 am - 01.00 pm

Venue : Chanakya Conference Hall

eCF Paper Id	Title of the Paper	Name of the Authors
ICEMCSI2026-810	Design and Implementation of a Self Triggered IoT based Accident Alert System	Balaji V S, Natchiammai PL, Sudha Kannan, Jeevitha Sakkarai, Manjunathan Alagarsamy and Raja Manikandan
ICEMCSI2026-811	A novel topology conscious discrete particle swarm optimization method for multi objective routing	Ben Sujitha B, Mary Synthia Regis Prabha D M, Gnan Devadhas G, Anchana B S, Jeyaranjani J and Nesa Rani
ICEMCSI2026-812	Secure and Efficient Ration Management System Using VLSI Technology	Raja Manikandan, Subbulekshmi S, Gnana Kousalya Chellathevar, Rajesh Khanna M, Manjunathan Alagarsamy and Balamurugan Rajangam
ICEMCSI2026-813	A deployment oriented real time multimodal emotion recognition system using vision transformer and RoBERTa Based Models	Shashank S, Shwetha B N, Poornima M R, Kopparapu Medini, K V Dedeepya and D H Nanditha
ICEMCSI2026-814	Comprehensive comparative study on sign language translation systems	Shijina B and Ben Sujitha B
ICEMCSI2026-818	Capturing Nonmanual Features of Indian Sign Language and Converting It into Text and Audio	Ravi MV, Naveen Chandra Gowda, Sai Rohith S, Neelakanta Reddy P, Maneesh Reddy I P and Rahul Reddy
ICEMCSI2026-820	Neuro Scope: An AI Driven Framework for Early Stage Brain Tumor Detection and Staging Using Deep Learning	Naveen Chandra Gowda, Neelam Malyadri, Samsani Monish, Sandeep Reddy K, Shrisha Shriharsha and Rahul Choudary
ICEMCSI2026-821	Verification Framework for Posit Arithmetic in High-Accuracy Applications	Veena Mahantesh Hunagund
ICEMCSI2026-824	Artificial Intelligence in Space Systems: A Critical Analysis of Architectures, Autonomy, Resilience, and Energy Aware Optimization	Abhinandan Shirahatti, Abhishek kamble, Om Nagalkar, Om Chaudhari, Lingaraj Hadimani and Karishma Jaunjalkar
ICEMCSI2026-825	Data Driven Heart Disease Prediction using Machine Learning Models for Sustainable Health Care	Kanagalakshmi K, Akshaykumar Muragundi, Dhanush V and Harsha H