



Department of Research and Development
SILVER SUMMIT

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

Date: June 17 – 18, 2026

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Session 10 Track Name: Sustainable Informatics

Date : 18.06.2026 Thursday

Timing: 02.00 pm - 04.00 pm

Venue : Falconry Seminar Hall

eCF Paper Id	Title of the Paper	Name of the Authors
ICEMCSI2026-734	Building-Integrated Thermal Mass as Support Infrastructure for Sustainable Data Centre Cooling	Ananth Pai, Rakesh C, Rameswari C and Manjunatha B
ICEMCSI2026-844	Passive cursor entropy attack behavioural side channel exploitation in modern web browsers	Darshan T, Neelam Malyadri and Narendra Babu C R
ICEMCSI2026-845	Sustainable Solar Energy Harvesting Using Optimized Converter and Intelligent MPPT	Dinesh M, Uthirasamy R, Mohan Raj T , Manimaran G, Manivel S and Manikandan K
ICEMCSI2026-846	Automated Dust Detection in Solar Panel Using Deep Learning Architecture	Vinothina V, Alaudeen A, Yamuna K.S, Velmurugan P, PremKumar R and Sivakumar S
ICEMCSI2026-847	An Unified Behavioural Intelligence System for Academic Spaces	Parkavi A, Uzma Sulthana, Aishwarya P J, Deeksha S Havaragi, Deepti G Nidoni and K C Chithrashree
ICEMCSI2026-848	SustainDiet Pro: An Intelligent Dietary Assistant for Athletes Using Mobile Computing	Hanumanthappa H, Sameer G, Harsh Kumar and Sajid Raza
ICEMCSI2026-849	Inclusive Multilingual Conversational AI for Rural Education: A Survey of Offline, Accessible and Explainable Systems	Budagajangam Mahesh and Kanagalakshmi K
ICEMCSI2026-850	A 5G enabled wireless sensor network simulation framework for real time traffic monitoring and machine learning based traffic prediction	Shilpa V, Besta Sudha Ragavarshini, C Pragnya and Hema Naganjali Perugu
ICEMCSI2026-851	Forest Fire Detection and Prevention using Wireless Sensor Networks	Poola Lakshmi Leesha, Khazi Afifa Fathima, N Nishitha Reddy and Shilpa V
ICEMCSI2026-853	Hybrid Measurement-Device-Independent Twin-Field Quantum Key Distribution (MDI-TF-QKD): A Comprehensive Study on Security, Performance and Practical Implementations	Jibin Jacob Mani, Vinotina V, Libin Thomas, Sonu K V and Jeswin Jerrad