



## **SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY (Autonomous)**

Vidya Nagar ,Palissery,Karukutty,Ernakulam -683 576

### **Fourth International Conference on Computing, Communication, Security and Intelligent Systems**

**28<sup>th</sup> - 30<sup>th</sup> May 2026**

**Organized by**

**Department of Computer Science and Engineering**

**&**

**Department of Artificial Intelligence and Data Science**

### **Programme Schedule**

***Inauguration Ceremony , IC3SIS'26 (29/05/2026, 10:30 AM, IST)***

***Venue : Main Seminar Hall, First Floor- Administrative Block, SSET***

**Google meet link: <https://meet.google.com/roh-grgh-vtg>**

**Prayer**

**Welcome Address**

**: Dr. Manish T. I., Professor & HoD,  
Dept. of CSE, SSET.**

**Presidential Address**

**: Dr. Jenson Joseph E., Corporate Relation Officer, SSET.**

**About IC3SIS'26**

**: Dr. Sonal Ayyappan, Organizing Chair, Associate Professor & HoD,  
Dept. of AI & DS, SSET**

**Inauguration and Keynote Address**

**: Dr. Manoj B S,  
Chair, IEEE Kerala Section,  
Professor and Academic Dean  
Department of Avionics,  
Indian Institute of Space Technology, Thiruvananthapuram.**

**Felicitation**

**: Dr. Varun G Menon, Professor, Deputy Dean (R&D),  
Dept of CSE, SSET.**

**Vote of thanks**

**: Dr. Litty Koshy, Organizing Co-chair, Assistant Professor,  
Dept. of CSE, SSET.**



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### Fourth International Conference on Computing, Communication, Security and Intelligent Systems

28<sup>th</sup> - 30<sup>th</sup> May 2026

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Department of Computer Science and Engineering

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Department of Artificial Intelligence and Data Science

Presentation Schedule and Panel of Experts (28th - 30th May 2026)

Date and Session Time	Session Time	External Session Chair	Internal Session Chair	Session Incharge
28/5/2026 (Offline)	10.00 am to 1.00 pm	<b>Dr.Sabu M.K</b> Professor, Department of Computer Applications, Cochin University of Science and Technology, Kerala	<b>Dr.Sindhya K.Nambiar</b> Associate Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Neethu Roy, Ms.Shruthi S</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
28/5/2026 (Offline)	10.00 am to 1.00 pm	<b>Dr.Deepika M.P.</b> Assistant Professor, Department of Computer Applications, Cochin University of Science and Technology,Kerala	<b>Ms.Josna Philomina</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Asha S, Ms.Sandra Vijumon</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
28/5/2026 (Online)	10.00 am to 1.00 pm	<b>Dr.Aswathy K.Cherian</b> Associate Professor, Dept. of Computer Science and Engineering, SRM Institute of Science and Technology,Chennai	<b>Ms.Bini Omman</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms. Sruthy K. Joseph</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
28/5/2026 (Online)	10.00 am to 1.00 pm	<b>Dr.Lakshmi Mahesh J.M.</b> Computer Applications, SCMS School of Technology and Management	<b>Ms.Binu John</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Rini Joy</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
29/5/2026 (Offline)	11.00 am to 1.00 pm	<b>Dr. Priya S</b> Professor , Department of Computer Science & Engineering, Government Model Engineering College (MEC), Thrikkakara, Kochi	<b>Dr.Deepa K.</b> Associate Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Neethu Krishna, Ms.Anu S</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty



29/5/2026 (Offline)	11.00 am to 1.00 pm	<b>Dr.Ashok Kumar T</b> Professor, Dept. of Electronics Engineering. Model Engineering College. Thrikkakara , Ernakulam	<b>Dr.Dhanya K.A</b> Associate Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms. Anisha V .Lal,</b> <b>Ms. Shruthi S</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
29/5/2026 (Offline)	11.00 am to 1.00 pm	<b>Dr. Varun G.Menon</b> Dy. Dean (R&D), Professor (CSE) , SCMS School of Engineering and Technology,Karukutty	<b>Dr. Manish T I</b> Professor ,HoD (CSE), SCMS School of Engineering and Technology,Karukutty	<b>Mr.Anoop Jose, Ms.Heera</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
29/5/2026 (Online)	11.00 am to 1.00 pm	<b>Dr. Madhuri Narendra Gedam</b> Assistant Professor, Dept. of Computer Science and Engineering, Shree L. R. Tiwari College of Engineering,Mumbai, Maharashtra.	<b>Dr.Gokul G N.</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Hafeesa M.Habeeb</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
29/5/2026 (Online)	11.00 am to 1.00 pm	<b>Dr. Sneha Aesop</b> Assistant Professor, Centre for Artificial Intelligence, Banasthali Vidyapith, Rajasthan. P.O. Banasthali Vidyapith.	<b>Dr.Fredy Varghese</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms. Jisna Jaison</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
30/5/26 (Offline)	10.00 am to 1.00 pm	<b>Dr. Mehbooba P Shareef</b> Assistant Professor, Rajagiri School of Engineering and Technology.	<b>Dr.Noora V .T</b> Associate Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms. Supriya</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
30/5/26 (Offline)	10.00 am to 1.00 pm	<b>Dr. V Suresh Kumar,</b> Professor, Head- Startup and Innovation,SCMS School of Engineering and Technology,Karukutty	<b>Mr.Anvar Sadath A.K</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Sanooja Beegam,</b> <b>Ms.Anugraha</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
30/5/26 (Online)	10.00 am to 1.00 pm	<b>Dr.Shibly Joseph</b> Associate Professor , Govt. Engineering College , Wayanad	<b>Ms.Neenu Sebastian</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty	<b>Ms.Anu Joseph</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty
30/5/2026 (Online)	2.00 pm to 3.30 pm	<b>Dr.Jagdeesh Singh</b> Assistant Professor Department of Computer Science and Engineering Sant Longowal Institute of Engineering and Technology, Longowal, India (Deemed-to-be University, Ministry of Education, Government of India)		<b>Ms.Meera V. M</b> <b>Ms.Smera Thomas</b> Assistant Professor, SCMS School of Engineering and Technology,Karukutty



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### Fourth International Conference on Computing, Communication, Security and Intelligent Systems

28<sup>th</sup> - 30<sup>th</sup> May 2026

Organized by

Department of Computer Science and Engineering

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Department of Artificial Intelligence and Data Science

#### Paper Presentation Session - I (Offline)

Date: 28/05/2026

Time: 10.00 AM - 1:00 PM, IST

Venue : Conference Hall, First Floor- Administrative Block, SSET

External Chair Members : Dr. Sabu M. K., Professor, Dept of CSE, CUSAT.

Internal Chair Members : Dr. Sindhya K Nambair, Associate Professor, Dept of CSE, SSET.

Session Coordinators : Ms. Neethu Roy, Assistant Professor, Dept of CSE, SSET.

SI No	Paper ID	Title	Author	Time Slot
1	477	Deep learning based multi class stroke classification and lesion segmentation using brain CT images	Sravana Pradeep,Kartik S.Prakash,Nissan Kunju,Chinnu Jacob	10:00 AM – 10:15 AM
2	492	Cross-Script Visual Anchoring for Low-Resource Handwritten Word Spotting in Malayalam	Anitha Mary M O Chacko, Dr Harikrishnan D, Dr Manoj V J	10:15 AM – 10:30 AM
3	567	Deep Learning for Recognizing Kerala Art Forms -A Literature Review	Mahesh K M, Dr. Pradeep Sudhakaran	10:30 AM – 10:45 AM
4	619	IoT Powered Intelligent system driven by renewable energy for the safe and efficient disposal of medical wastes	Vinoj P G, Sreeja Rajesh, Chinn Mohanan	10:45 AM – 11:00 AM
5	733	Model with Gated Fusion of Collaborative and Content-Derived Embeddings	Aiswarya C, C Sahaya Kingsly, Rohith Raju, Ashwin Joseph Manthara, Anju Mohanan, Anvar Sadath A. K	11:00 AM – 11:15 AM
6	986	A Survey of Machine Learning and Deep Learning Approaches for Crop Yield Prediction: Methods, Data Sources, and Open Challenges	Soumya S Raj, Paul P Mathai	11:15 AM – 11:30 AM
7	626	EV Charging Infrastructure Status Monitoring System Using IOT	Alan Jison , Ashlyn Daison , Evan P Jaiju ,Sidharth M.P, Vinoj PG	11:30 AM – 11:45 AM



## Paper Presentation Session - II (Offline)

**Date: 28/05/2026**

**Time: 10:00 AM - 1:00 PM, IST**

**Venue : Central Computing Facility (CCF-Lab 3), First Floor- Administrative Block, SSET**

**External Chair Members : Dr.Deepika M.P. Assistant Professor, Dept of CSE, CUSAT.**

**Internal Chair Members : Ms.Josna Philomina , Assistant Professor, Dept of CSE, SSET.**

**Session Coordinators : Ms. Asha S, Assistant Professor, Dept.of AI & DS, SSET.**

Sl No	Paper ID	Title	Author	Time Slot
1	635	Adaptive Reward Shaping for Mobile Robots in Dense Obstacle Environments	Parvathy Krishnan, G P Sajeev	10:00 AM – 10:15 AM
2	722	An Ensemble-Driven Machine Learning Approach for Imbalanced Network Anomaly Detection	Asiya Muhammed, Renu S, Rohith Raju, Ashwin Joseph Manthara, Priyanka Prasad, Anvar Sadath A. K.	10:15 AM – 10:30 AM
3	401	Machine Learning-based Cache Replacement Policy for Performance Optimization in Modern Processors	Pedamallu Ishika, Neelapu Leela Sowmya, Rajesh Kannan Megalingam	10:30 AM – 10:45 AM
4	735	Quantum Enhanced Attention Integrated CNN Model for Clinical Speech Recognition	Sandeep Chandran, Jesna Mohan, Sreejith S	10:45 AM – 11:00 AM
5	742	UCAP: Universal Cryptographic Adapter Protocol for Cross-Protocol Secure Communication	Rammohan J, Gauthamkrishna N, Govind Krishna, Aravind Rajeev, Remya S	11:00 AM – 11:15 AM
6	1012	Hybrid TF-IDF and Deep Learning Ensemble for Multi-Class Email Security Analysis with an Interactive Email Simulation Interface	Priyanka Prasad, JESTEENA SURENDRAN, Rohith Raju, Ashwin Joseph Manthara, Asiya Muhammed, Anvar Sadath A. K	11:15 AM – 11:30 AM



### Paper Presentation Schedule (Online-1)

Google meet link: <https://meet.google.com/roh-grgh-vtg>

Date: 28/05/2026

Time: 10:00 AM - 1:00 PM, IST

**External Chair Members :** Dr.Aswathy K.Cherian, Associate Professor,Dept. of CSE, SRM Institute of Science and Technology,Chennai

**Internal Chair Members :** Ms.Bini Omman, Assistant Professor, Dept of CSE, SSET.

**Session Coordinators :** Ms. Sruthy K.Joseph, Assistant Professor, Dept of CSE, SSET.

SI No	Paper ID	Title	Authors	Time Slot
1	98	A WordNet-Based Framework for Singular-Plural Processing in Indian Multilingual MT Systems	Anil Kumar Gupta, Kajal Pandey	10:00 AM – 10:15 AM
2	112	Stateless AES Key Generation via Graph Neural Network–Driven Deterministic Physical Unclonable Intelligence	Shivani Bs, Hari Prasad V, J. Brindha, A. Subbulakshmi, P. Maragathavalli, Ramyashree R	10:15 AM – 10:30 AM
3	117	Edge-Assisted IoT Framework for Real-Time Medical Image Analysis Using Smart Sensors and Federated Deep Learning	Sheetal Vijay Kulkarni, V S Krushnasamy , S.Suma Christal Mary , Ajmeera Kiran, Sajiv G, B Kiran Bala	10:30 AM – 10:45 AM
4	205	PPE-Compliance Monitoring of Construction Workers in Video Footage Using Convolutional Neural Networks	Naila T. Haliluddin, Athena Maia T. Casiño, April Rose Alvarez, Salimar B. Tahlil	10:45 AM – 11:00 AM
5	331	Deep Reinforcement Learning–Driven Energy Optimization for a Solar–Battery Hybrid EV Charging Station	Baskaran S	11:00 AM – 11:15 AM
6	332	AGA-Based Global MPPT for PV-EV Charging Networks	K.Sangeetha,Shreyas Rajendra Hole,R.Tamilamuthan,R. Aiswarya,M.Lakshmanan,Nitin Rakesh	11:15 AM – 11:30 AM
7	344	Deep Learning-Based GNSS Clock Bias Prediction	Yash Pandey, Parv Gupta, Palak Baisla, Roshi Saxena, Parneeta Dhaliwal	11:30 AM – 11:45 AM



### Paper Presentation Schedule (Online-II)

Google meet link: <https://meet.google.com/ows-xkip-vgm>

Date: 28/05/2026

Time: 10:00 AM - 1:00 PM, IST

**External Chair Members : Dr.Lakshmi Mahesh J.M. Computer Applications, SCMS School of Technology and Management**

**Internal Chair Members : Ms.Binu John, Assistant Professor, Dept.of AI & DS, SSET.**

**Session Coordinators : Ms. Rini Joy, Assistant Professor, Dept of CSE, SSET.**

Sl No	Paper ID	Title	Authors	Time Slot
1	346	Electricity Consumption Prediction Using Multivariate CNN-LSTM	Purab Bhatia, Harshita Singh, Koyyada Shreeshanth, Roshi Saxena, Parneeta Dhaliwal	10:00 AM – 10:15 AM
2	348	Fully Automated 3D Lung Lobe Segmentation from Computed Tomography Scans using SegResNet for Clinical Decision Support	Shyam Kaarthikeyen B, S Sujith Kumar	10:15 AM – 10:30 AM
3	375	Explainable Transformer-Based Framework for Automated English Essay Scoring Using Semantic Coherence Graphs	V. Balamurugan, Rashmi S Patil, Dr Raam Kumar T, Pooja Chhabra, Dr. Ayyaj Mahemud Shekh, Anuradha. S	10:30 AM – 10:45 AM
4	409	Compact 8-Port THz MIMO Antenna with Improved Isolation to Integrate 6G Systems	Veera Boopathy E, Lakshmi R, Priya M, Syed Nageena Parveen	10:45 AM – 11:00 AM
5	412	BLUEMESH : Optimized Sensor Network For Reliable Pipeline Fault Detection	Ritika S Shetty, Shrividya S , V Harsha Sai Charan, Ullas M, Bhagyashri R Hanji	11:00 AM – 11:15 AM
6	485	Hybrid Siamese U-Net with Cross-Attention Transformer for Fine-Grained Environmental Change Detection and Segmentation	Chandrakala.R, N. Bharatha Devi	11:15 AM – 11:30 AM
7	546	A Multi-Modal Framework Combining Accessibility Metadata, OCR, and VLM Analysis for Robust UI Issue Detection	Jyotsna Doonga, Nayan Kumar Paul, Nitin	11:30 AM – 11:45 AM



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**Department of Artificial Intelligence and Data Science**

**Paper Presentation Session - I (Offline)**

**Date: 29/05/2026**

**Time: 11:00 AM - 1:00 PM, IST**

**Venue : Central Computing Facility (CCF-Lab 1), First Floor- Administrative Block, SSET**

**External Chair Members : Dr.Priya S, Professor , Department of Computer Science & Engineering,  
Government Model Engineering College (MEC), Thrikkakara.**

**Internal Chair Members : Dr.Deepa K. , Associate Professor, Dept of CSE, SSET.**

**Session Coordinators : Ms. Neethu Krishna., Assistant Professor,Dept of CSE, SSET.**

SI No	Paper ID	Title	Author	Time Slot
1	607	From Machine Learning to Deep Learning: A Progressive Framework for Cyberattack Detection in Water Distribution Systems	Pradeep Chandran, K. Jyothish, K. S. Sunil	11:00 AM – 11:15 AM
2	645	Satellite-Based Land Cover Classification System for Sustainable Development and Environmental Intelligence	Karun Jidhish, Izabel Joseph, Kausalya Sumesh, Fathima N, Ezra Tom George, Hitha P S	11:15 AM – 11:30 AM
3	734	CLIP-Based Intelligent Waste Sorter: A Multimodal Framework for Zero-Shot, Few-Shot, and Unsupervised Waste Classification	K Jyothish, Shyna A, Jini Raju, Reena Mary George, Saidali A, Faba T Rajeev	11:30 AM – 11:45 AM
4	736	HyB-FraudNet: A Hybrid Behavioural–Machine Learning Architecture for UPI Fraud Analytics	Athira Jalendran, Sachusha.S.Shaji, Rohith Raju, Ashwin Joseph Manthara, Merlin Mary James, Anvar Sadath A. K	11:45 AM – 12:00 PM
5	759	Corporate Device Control Suite: A Centralized Linux Endpoint Governance System	Deril Jose Thirunilath, Muhammed S. Suhail, Juan Jude Pereira, Evana Rachel Kurian, Paul Augustine	12:00 PM – 12:15 PM
6	790	Retrieval-Augmented Generation Based Framework for Automated RFP Response Generation	Sangeetha Jamal, Nevin John George, Rahul Rathishkumar Menon, Niranjana N, P A Abidh Muhammed	12:15 PM – 12:30 PM



## Paper Presentation Session - II (Offline)

Date: 29/05/2026

Time: 11:00 AM - 1:00 PM, IST

Venue : Conference Hall, Administrative Block, SSET

External Chair Members : Dr.Ashok Kumar T, Professor, Dept. of Electronics Engineering. Model Engineering College. Thrikkakara

Internal Chair Members : Dr.Dhanya K. A. , Associate Professor, Dept of CSE, SSET.

Session Coordinators : Ms. Anisha V.Lal , Assistant Professor, Dept of CSE, SSET.

Sl No	Paper ID	Title	Author	Time Slot
1	516	Decentralized Blockchain-Based Incident Reporting with Map-Based Visualization and AI Assistance	Siona Kurisinkal Biju, Susen Ann George, Treesa Maria Cinil, Niya Sony, Jisha Mary Jose	11:00 AM – 11:15 AM
2	636	Courtroom AI: An Intelligent Lie Detection System using Facial Micro-Expressions and Voice Stress	Jayakrishnan B, Neena G Krishnan, Surabhi S Nair, Neha Maria Shaji, Krishnaprasad S, Melvin Thomas	11:30 AM – 11:45 AM
3	660	Spectrogram-Based Deep Learning Framework for RF Signal Classification	Rinju Mariam Rolly, Neha Maria Thomas, Niya Paul, Raiga Mariyam Regi, Sania George	11:45 AM – 12:00 PM
4	671	LA-SHEM: A Load-Aware and Signal-Assisted Handover Execution Mechanism for Energy-Efficient UAV Networks	Tripti C, Reesa Teddy, Neha Liz Jacob, Nitha Theres George, Visakh V Gireesh, Moumita Patra	12:00 PM – 12:15 PM
5	729	An Enhanced Detection Framework For Cyberbullying And Post Cyberbullying Trauma	Neelima Anil, Ierin Babu, Sanjana S Nair, Sara Sam Chacko, T S Mohammed Adhil	12:15 PM – 12:30 PM
6	738	Quant-Power: A Quantum-Inspired Maximum Power Point Tracking Simulator for Solar Systems	Rahul Raju, Arun Chandrakumar K, Rohith Raju, Sruthi Rahul, Reshma Raju, Unnikrishnan Vijayan Nair	12:30 PM – 12:45 PM



### Paper Presentation Session - III (Offline)

**Date:** 29/05/2026

**Time:** 11:00 AM - 1:00 PM, IST

**Venue :**Central Computing Facility (CCF-Lab 3), First Floor-, Administrative Block, SSET

**External Chair Members :** Dr. Varun G.Menon,Dy. Dean (R&D), Professor (CSE) ,Dept of CSE, SSET.

**Internal Chair Members :** Mr.Subin P. S, Assistant Professor, Dept of CSE, SSET.

**Session Coordinators :** Mr.Anoop Jose, Assistant Professor,Dept of CSE, SSET.

Sl No	Paper ID	Title	Authors	Time Slot
1	776	Agent Instruction Language and Constraint Agent Execution Framework	Sangeetha Jamal, Aaron Itty Ipe, Abraham Manoj Madamana, Alen George Scaria, and Alwin Thomas	11:00 AM – 11:15 AM
2	935	End to End Malayalam-to-English Speech Translation for Agricultural Queries: Dataset Creation and Domain Adaptation	Adarsh P Kurian, Ashish Jacob Reni, Bewin P G, Abin Tony, Sinciya P O	11:15 AM – 11:30 AM
3	1001	An AI-IoT System for Real-Time Cardiovascular Health Monitoring	Ashwin Raj, Ashwin Shyam, Gautham Hari, H Vignesh Unnithan, Lekshmi V.S	11:30 AM – 11:45 AM
4	1011	Explainable CNN-Based Framework for Robust Rice Leaf Disease Detection Using Spectral Filtering and Grad-CAM	Anju Mohanan, S Padmalal, Rohith Raju, Ashwin Joseph Manthara, Aiswarya C, Anvar Sadath A. K	11:45 AM – 12:00 PM
5	1013	CyberTrace: An Explainable RAG-Based Chatbot for Cyber Threat Intelligence	Ayisha Saniya M.S, Devi Sreya P.S, Josna Philomina, Drushya Jolly, Gayathri Jayan	12:00 PM – 12:15 PM
6	904	An Explainable Transformer Architecture for Electricity Load Forecasting using Correlation-Aware Feature Engineering	Gowri S,Harinandana K Biju,Maria Nathasha Bijumon, Irin Justin	12:15 PM – 12:30 PM



### Paper Presentation Schedule (Online-1)

Google meet link: <https://meet.google.com/roh-grgh-vtg>

Date: 29/05/2026

Time: 11:00 AM - 1:00 PM, IST

**External Chair Members :** Dr. Madhuri Narendra Gedam , Assistant Professor, Dept. of Computer Science and Engineering, Shree L. R. Tiwari College of Engineering, Mumbai, Maharashtra

**Internal Chair Members :** Dr. Gokul G.N, Assistant Professor, , Dept of CSE, SSET.

**Session Coordinators :** Ms. Hafeesa M.Habeeb, Assistant Professor, Dept of CSE, SSET.

Sl. No	Paper ID	Title	Authors	Time Slot
1	550	Graph-Enhanced Attention Networks for Detecting Relational Patterns in Inauthentic Social Media Profiles	Arya M, Ruchi Gupta, Shubhadipta Sarkar, Anirban Tarfdar	11:00 AM – 11:15 AM
2	561	PostCrypt: An Energy-Aware Lattice-Based Security Framework for Post-Quantum 5G/6G Mobile Networks	R.Swaminathan and R Saravanakumar	11:15 AM – 11:30 AM
3	562	Enhancing Credit Card Risk Management Through Data Governance: A Metadata-Centric Machine Learning Approach	Yashwanth Boddu, Ruhul Quddus Majumder, Prasanna Kumar Natta, Saurabh A. Pahune	11:30 AM – 11:45 AM
4	563	Business Intelligence Frameworks for Financial Risk Management Using Ensemble Machine Learning Models	Prasanna Kumar Natta, Ruhul Quddus Majumder, Yashwanth Boddu, Saurabh A. Pahune	11:45 AM – 12:00 PM
5	584	DGS-WSN: A DBSCAN Enabled GRU Based Sleep Scheduling Framework for Energy Efficient Data Transmission in WSNs	Md. Saif Alvi, Rifah Tasnia Joita, Md. Khorshed Alom	12:00 PM – 12:15 PM
6	595	Relay Selection Using Federated Reinforcement Learning	Ishita Barui, Poonam Jindal	12:15 PM – 12:30 PM
7	746	Subspace-Carved Hybrid Beamforming for Energy-Efficient Spectrum Sharing in Dense HetNets	K. Ramkumar, V.Pushpa, Bibija. J, Chiranjeevi Nuthalapati, GBSR Naidu, R Saravanakumar	12:30 PM – 12:45 PM



### Paper Presentation Schedule (Online-II)

Google meet link: <https://meet.google.com/ows-xkip-vgm>

Date: 29/05/2026

Time: 11:00 AM - 1:00 PM, IST

**External Chair Members : Dr. Sneha Aesop , Assistant Professor, Centre for Artificial Intelligence, Banasthali Vidyapith, Rajasthan.**

**Internal Chair Members : Dr. Fredy Varghese , Assistant Professor , Dept of CSE, SSET.**

**Session Coordinators : Ms. Jisna Jaison , Assistant Professor, Dept. of AI & DS, SSET.**

SI No	Paper ID	Title	Authors	Time Slot
1	756	MCP+: Reducing Tool Cold-Start Latency via Predictive Context Routing	Atul Agarwal	11:00 AM – 11:15 AM
2	775	SmartFlow: Design Rationale and Implementation of a Unified SDN Firewall, Bandwidth Allocator, and Load Balancer	Azhar yoosuf sadiq, Junaid M , Muhammed Liyakath Yawar , Muhammed Mahshook, Krishnaprasad P K, Jayalekshmi S	11:15 AM – 11:30 AM
3	786	Hybrid Cryptography Algorithm for Secure Key Exchange in FSO Communication	Rugved Bopardikar, Shreya S. Patil, Chinchu Joseph , A. A. Bazil Raj	11:30 AM – 11:45 AM
4	823	Quantum-Inspired Algorithms Enhancing Scalability and Accuracy in Large-Scale Predictive Big Data Analytics Systems	Syed Hassan Imam Gardezi, Subuhi Kashif Ansari, Mithun Dsouza, Manoranjan Dash, Omeshwar D Verma, Dhaaraani R	11:45 AM – 12:00 PM
5	837	Grading Home-Grown Mushroom Using Deep Learning	Alfaith Mae M. Luzon, Ayana Jade F. Alejo, Justin Jose, Jaydee C. Ballaho	12:00 PM – 12:15 PM
6	900	Metaheuristic-based Approach for Energy and Latency Optimization in Cloud Systems	Prerna Singal, Garima Sharma, Monika Yadav	12:15 PM – 12:30 PM
7	905	RAG Based Conversational Agent and Multi Camera Behavioral Scoring for Student Performance Tracking	Premanand Ghadekar, Manoj Deshpande, Nivesh Shah, Atharv Muchandi, Vedant Nagmoti, Jairaj Nawgare, Vishruti Mohinkar .	12:30 PM – 12:45 PM



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## **Fourth International Conference on Computing, Communication, Security and Intelligent Systems**

**28<sup>th</sup> - 30<sup>th</sup> May 2026**

**Organized by**

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**Department of Artificial Intelligence and Data Science**

### **Paper Presentation Session - I (Offline)**

**Date: 30/05/2026**

**Time: 10:00 AM - 1:00 PM, IST**

**Venue : Conference Hall, Administrative Block, SSET**

**External Chair Members : Dr. Mehbooba P Shareef ,Assistant Professor,Rajagiri School of Engineering and Technology.**

**Internal Chair Members : Dr. Noora V.T. , Associate Professor, Dept of CSE, SSET.**

**Session Coordinators :Mr.Anvar Sadath A .K , Assistant Professor,Dept.of AI & DS, SSET.**

SI No	Paper ID	Title	Author	Time Slot
1	242	SignVision: AI-Powered Educational Video Generation for Deaf and Dumb Learners	Anwin Mathew Josy, Asweeth Girish, Mathew Shiji George, Tobin Thomas Ms. Divya K.S	10:00 AM – 10:15 AM
2	496	Track My Voyage: A Deep Learning–Based Maritime Surveillance System with Classification and Boundary Alerts	Gopika TR,Elsa Mariya Anand,Evlin Jossy Kannath,Harilakshmi VM	10:15 AM – 10:30 AM
3	535	Multi-Person Detection and Identity Consistent Crowd Counting in Real Time Video Surveillance	Nithya Raj, Parvathy Suresh, Sona Babu, Neema M	10:30 AM – 10:45 AM
4	566	A Hybrid Intelligence Framework for Cyber Threat Classification Forecasting and Scenario Generation	Reshmi R, Fabin Sunny, Fathima Nazar, Hamad Mishal, Merin P Wilson	10:45 AM – 11:00 AM
5	590	Emotion-Invariant EEG-Based Biometric Authentication Using Emotion Prototype Rectification Networks	Gautham Warriar,Abhinav K R,Akshay Francis,Saurav Reji Kurian,Sneha Sreedevi	11:00 AM – 11:15 AM
6	600	ARIS: A Machine Learning System for Antimicrobial Resistance Prediction in Resource-Constrained Settings	Joel Gijo, Bibin Kunnathettu Biju, Bipin Dev B, K Ryan George, Anju J Prakash	11:15 AM – 11:30 AM
7	663	TraceLite: Enhancing Code Summarization via Static Analysis and Sliced Dynamic Semantics	Anvitha Ragesh, Devapriya B, Keerthana JR, Aswathy Mohan	11:30 AM – 11:45 AM



## Paper Presentation Session - II (Offline)

Date: 30/05/2026

Time: 10:00 AM - 1:00 PM, IST

Venue : Lab 5, Fourth Floor- Administrative Block, SSET

External Chair Members : Dr. V.Suresh Kumar, Professor, Head- Startup and Innovation, Dept.of AI& DS, SSET.

Internal Chair Members : Dr. Manish T I, Professor ,HoD (CSE), Dept of CSE, SSET.

Session Coordinators : Ms. Sanooja Beegam M.A, Assistant Professor,Dept of CSE, SSET.

Sl No	Paper ID	Title	Author	Time Slot
1	598	Hybrid Degree Aware Parallel Graph Traversal Using Distributed Priority Scheduling	Shyma P V,Sanil Shanker K P	10:00 AM – 10:15 AM
2	929	AttireSense: An Intelligent Fashion Visualization and Recommendation Platform for Entrepreneurs	Hema Krishnan, Eveline Jeson, Fahmitha P.A, Irine Theresa Antony, Merin Joe	10:15 AM – 10:30 AM
3	1014	CrimeScan AI: A Forensic-Safe Face Recognition System with Adaptive Enhancement for Criminal Investigation	Jinto Raj,Cukoo Biji,Joel Thomas,Gokul K Reghu,Josna Philomina	10:30 AM – 10:45 AM
4	762	Real Time Crowd Monitoring for Stampede Risk Reduction	Gayathri S Kumar, K A Aneesha, Devika Sujith, Maria Tessa Berline	11:00 AM – 11:15 AM
5	741	AeroPredict: A Real-Time Flight Accident Risk Prediction System Using Machine Learning	Maria Joy, Abhimanyu Pradeep, Mohammed Arafath, Avanti D Aneesh, Retty George	11:15 AM – 11:30 AM



### Paper Presentation Schedule (Online-I)

Google meet link: <https://meet.google.com/roh-grgh-vtg>

Date: 29/05/2026

Time: 10:00 AM - 1:00 PM, IST

**External Chair Members : Dr.Shibly Joseph, Associate Professor ,Govt. Engineering College , Wayanad**

**Internal Chair Members : Ms.Neenu Sebastian,Assistant Professor, Dept.of AI & DS, SSET.**

**Session Coordinators : Ms.Anu Joseph , Assistant Professor,Dept.of AI & DS, SSET.**

Sl No	Paper ID	Title	Authors	Time Slot
1	907	A Physics-Informed Deep Learning Framework for Large-Scale Hazard Mapping Using Multi-Modal Earth Observation Data	Poreddy Lokesh Reddy, saket devarasetty, A. Maria nancy	10:00 AM – 10:15 AM
2	912	LesionTrack: Interpretable Longitudinal Lesion Progression Modeling	Immani Rama Venkata Sri Sai, Shaik Tasleem Khan, Ishwarya K	10:15 AM – 10:30 AM
3	914	Causal-Counterfactual Explainable AI for Actionable Decision Support	Kundan Sagar Bedmutha, Rajkumar Sadashiv Jagdale	10:30 AM – 10:45 AM
4	917	Hybrid ConvNeXt-Vision Transformer Model for ECG Arrhythmia Classification Using Image-Based Deep Learning	Chandrapati Tejasai, Rajula Pratheesh Reddy	10:45 AM – 11:00 AM
5	992	Intelligent Bug Detection and Code Clone Identification for Efficient Software Development	Jaswanth chappidi , Adabala Naveen , Yerubandi Harshith , Golukonda Raghuv eer , Ashwathy Mohan	11:00 AM – 11:15 AM
6	1015	An IoT-Enabled Intelligent Hoarding Detection Framework for Real-Time Prevention of Artificial Price Inflation in Supply Chains	Joe Prathap P M, W Vinil Dani, Rakesh Gowda,Thanushree C Somapur	11:15 AM – 11:30 AM
7	748	Fair Deepfake Detection through Causal Feature Learning and Adversarial Group Optimization	Bilal N, Reshma Sheik, Agasthyan B, Jesna J S	11:30 AM – 11:45 AM



**SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY (Autonomous)**

Vidya Nagar ,Palissery,Karukutty,Ernakulam -683 576

**Fourth International Conference on Computing,  
Communication, Security and Intelligent Systems**

**28<sup>th</sup> - 30<sup>th</sup> May 2026**

**Organized by**

**Department of Computer Science and Engineering**

**&**

**Department of Artificial Intelligence and Data Science**

**Date: 30/05/2026**

**Time: 9:00 AM - 10:00 AM, IST**

**Venue:Conference Hall**

**Google meet link:<https://meet.google.com/roh-grgh-vtg>**

**Online**

**Keynote Address on**

***Adversarial Machine Learning in Cybersecurity:  
From Lab Curiosity to Critical Infrastructure Threat***

**External Expert:**

**Dr. Jagdeesh Singh**

**Assistant Professor**

**Department of Computer Science and Engineering**

**Sant Longowal Institute of Engineering and Technology, Longowal, India**

**(Deemed-to-be University, Ministry of Education, Government of India)**

**Session Coordinators :**

**Ms. Meera V. M., Assistant Professor,Dept. of CSE, SSET**

**Ms. Smera Thomas, Assistant Professor, Dept. of CSE, SSET**