



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY (Autonomous)

Vidya Nagar ,Palissery,Karukutty,Ernakulam -683 576

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

28th - 30th 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. Anitha G. Pillai, Principal, SSET.

About IC3SIS'26 : Dr. Sonal Ayyappan, Organizing Chair, Associate Professor,
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

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



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



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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. Tahil	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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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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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.

SI 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 Raghuveer , 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



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

28th - 30th 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