



## Paper Presentation Schedule – DSISys2025

The Venue is Gallery Room-1/2/3-Building No.13, Dayananda Sagar College of Arts, Science and Commerce, Campus-1,  
Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru-560 111, Karnataka, India

Paper Presentation Session I Date: 23 Dec 2025 Gmeet Link: <a href="https://meet.google.com/pit-yisu-owd">https://meet.google.com/pit-yisu-owd</a>		Session Chairs: Dr. Kumudavalli M V, Dr. Aruna Devi C	Technical In-charge: Dr. Shwetha S P
Indian Time Zone	Paper ID	Title of Paper	Presenter
14.30-14.40	332	IoT Enabled Carbon Footprint Monitoring in Classrooms: A Pathway to Sustainable Education	Dr. Lauresha Ramadani
14.40-14.50	89	Investigation of 21 cm Radio Line Emission for Supernova 3C 400 Utilizing BURT Observation	Faten S. Ali
14.50-15.00	95	Accelerating Hardware-Software Co-Design through QEMU ARM Virtual Prototyping and HLS Synthesis Validation	Ajay Kumar Dash
15.00-15.10	108	The Synergy of AI and Neuromarketing: Optimizing Advertising Strategies via Predictive Neural Modelling-A Conceptual Framework for Next-Generation Marketing Intelligence	V R Rajendra Kumar
15.10-15.20	118	Syncing wellness: the pulse of smart watch technology in the health-conscious workforce	Fatin
15.20-15.30	132	Impact of Generative AI on Undergraduate Students at RNSFGC	Swapna J
15.30-15.40	135	Strategic AI Integration for Transforming Financial Services: A Comprehensive Model for Digital Innovation	Mahalakshmi. HP
15.40-15.50	142	Innovating CRM Workflows: Advanced Apex Integration Practices for Tailored Salesforce Solutions	Sharan Sukesh
15.50-16.00	140	PulmoXAI: Unified Imaging, NLP, and Explainability for Lung Cancer Care	Shreeraksha R Adiga
16.00-16.10	150	Self-Evolving AI Agents for Deep Space Missions	Shreeraksha R Adiga

**Note: All time is followed by Indian Standard Time (IST)**



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Paper Presentation Session II Date: 23 Dec 2025 Gmeet Link: <a href="https://meet.google.com/hax-hnbi-cgy">https://meet.google.com/hax-hnbi-cgy</a>		Session Chairs: Dr. Chetan Shetty Dr. Deepika Sharma	Technical In-charge: Prof. Kavya R
Indian Time Zone	Paper ID	Title of Paper	Presenter
14.30-14.40	37	Impact of FinTech on Traditional Banking Models: A Literature-Based Analysis	Rukmini N
14.40-14.50	44	A Static Analysis-Based Framework for Smart Contract Vulnerability Detection and Security Enhancement	Tharshan R S
14.50-15.00	62	Artificial Intelligence for Sustainable Performance in Financial Services: A Bibliometric and Systematic Review	Jatinder Mohan Singh Shah
15.00-15.10	330	VETE: A Hybrid model for detection of autism spectrum disorder	Linor Gashi
15.10-15.20	76	FirePredictor: Wildfire Early Warning System Using Thermal IoT and ML	Rashmi Gupta
15.20-15.30	77	Smart Image Authentication System: Advanced AI-Powered Photo Morph and Manipulation Detection with Intelligent Background Removal	Ambati Poli Reddy
15.30-15.40	78	Liberalization of FDI and Its Impact on India's Defence Trade and Economic Growth: A Comprehensive Time-Series Model for AI-Based Analysis	Snehal Jadhav
15.40-15.50	79	Habitual buying behaviour of customers in the age of AI and social media	Savita Trivedi
15.50-16.00	81	The Role of Founders' Work Values in Shaping Start-Up Culture: A Qualitative Study	Vasantha Kumari.K
16.00-16.10	84	EduMate	Sahana N R

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Paper Presentation Session III Date: 23 Dec 2025 Gmeet Link: <a href="https://meet.google.com/xhs-iyfx-rwv">https://meet.google.com/xhs-iyfx-rwv</a>		Session Chairs: Dr. Nithya B N Dr. Geetha Lakshmi N	Technical In-charge: Prof. Lavanya C M
Indian Time Zone	Paper ID	Title of Paper	Presenter
14.30-14.40	97	Mimicking Ant Pheromone Trails for Intrusion Detection: A Bio-Inspired Propagation Algorithm with Dataset-Driven Validation	Muruganandham S K
14.40-14.50	98	A Comparative Study of Traditional Alzheimer's Therapy and Digital Twin-Based Neurotherapy using Machine Learning	Sahana S Reddy
14.50-15.00	100	Security System of Spectrum Sharing Auction	Ahmed K. Kadhim
15.00-15.10	101	Automating the DevOps Lifecycle with MLOps: A Case for Meta-MLOps	Radhakrishnan Krishna Kripa
15.10-15.20	102	AutoMorph: A Self-Healing MLOps-DevOps Stack for Continual Learning in Production Environments	Radhakrishnan Krishna Kripa
15.20-15.30	104	A Comparative Study of Artificial Intelligence Models to predict Heart Disease	Samrudh S Bangera
15.30-15.40	105	Compact Active RIS Design for Energy-Efficient and Reliable 6G Wireless Communication	Mumin Abdiqani Mumin
15.40-15.50	110	A Conceptual Framework for an AI-Powered Triage System in Indian Lower Courts	Sachin Yadav
15.50-16.00	119	The Enhancement–Attrition Trade-Off: A Systematic Review of AI Writing Tools and Human Skill Development	Kajal Gupta
16.00-16.10	120	Comparative Study of Botnet Detection in Internet of Things using Deep Learning	Joel Abhishek

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Paper Presentation Session IV Date: 24 Dec 2025 Gmeet Link: <a href="https://meet.google.com/ocy-xuhw-mvx">https://meet.google.com/ocy-xuhw-mvx</a>		Session Chairs: Dr. Vinish P Dr. Puja Sharma	Technical In-charge: Prof. Yashaswi H R
Indian Time Zone	Paper ID	Title of Paper	Presenter
11.30-11.40	180	Viksit Bharat 2047: An Empirical Study on the Role of Women Empowerment in Artificial Intelligence Driving Social Change in India	Vasantha Kumari.K
11.40-11.50	158	Exploring Factors Driving Average Order Value in Indian Quick Commerce: A Machine Learning Approach	Kiran Hemanthraj Muloor
11.50-12.00	179	The machine learning in predictive modeling: A systematic analysis of Algorithmic efficiency, their interpretability and contextual adoption in complex systems	Renuka.C
12.00-12.10	181	iShuffle-LinkNet: Sequence-Based Prediction of Protein-Protein Interactions Using Gene Ontology and Sequence Features	Sailaja Bhaskar Murthy
12.10-12.20	182	Integrating Innovation and Technology Enablement for Sustainable Renewable Energy in Asian Countries	Rashmi S
12.20-12.30	207	Agentic AI based Educational Resource Recommender Chatbot	Nihal H U
12.30-12.40	208	Learning Models to Conserve Security for IoT-WBAN Health Care Systems	Diwakara Vasuman M S
12.40-12.50	19	Multilingual AI Interaction System for Elderly-Centric Essential Service Accessibility	Ashritha H S
12.50-13.00	20	Exploring Pcos Risk Factors Using Data Visualization	Raji P
13.00-13.10	2	Stroke Prediction by using Machine Learning algorithm based on symptoms	Nipun Sharma
13.10-13.20	336	Agile-Driven Transformer-Based Foundational Architectures for Efficient Multimodal Perception and Prediction in Robotics, Healthcare, and Enterprise AI	Somesh Kumar Sahu

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Paper Presentation Session V Date: 24 Dec 2025 Gmeet Link: <a href="https://meet.google.com/mum-zvgr-peb">https://meet.google.com/mum-zvgr-peb</a>		Session Chairs: Dr. Meghana C & Dr. Pavithra R Prof. Orgest Rrushi	Technical In-charge: Prof. Sowmya G
Indian Time Zone	Paper ID	Title of Paper	Presenter
11.30-11.40	130	Advanced Deep Learning Framework for Railway Track Defect Detection	Anjali R
11.40-11.50	133	Real-Time AI-Driven Voice Interview Simulation and Automated Performance Analysis Using VapiAI and OpenAI	Ravikrindhi Venkata Vignesh
11.50-12.00	331	Auto Assign: Smart Department Predictor with Multilingual Support Using Applied Security	Dalina Canhasi
12.00-12.10	138	RadFuse: Grounded Vision-Language Radiology Assistant	Satyanarayana Burugupalli
12.10-12.20	141	Optimized Distributed Processing of Probabilistic Data Structures Using MapReduce	Sharan Sukesh
12.20-12.30	136	A Study on the Behavioral Effects of Financial Perfectionism Using Structural Path Modeling and Predictive Modeling	Tejaswini S
12.30-12.40	143	AI-Based Empathy Measurement and Mentoring Platform Model for Enhanced Teacher-Student Interaction	Moumita Roy
12.40-12.50	149	Optimal Machine Learning Surrogate Models for Prediction Of Cow Milk Yield: An Interdisciplinary Approach.	Vasudha D
12.50-13.00	152	Advanced Machine Learning Framework for Predictive Modeling in Credit Risk Assessment	Md Rayhan Khan
13.00-13.10	178	A Hybrid Deep Learning Framework for Speaker Identification Using Multi-Feature Fusion	Navya.A

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Paper Presentation Session VI Date: 24 Dec 2025 Gmeet Link: <a href="https://meet.google.com/tqp-zkcc-ffo">https://meet.google.com/tqp-zkcc-ffo</a>		Session Chairs: Dr. Swathi Sathish Dr. Chandrakala G	Technical In-charge: Prof. Vinutha K
Indian Time Zone	Paper ID	Title of Paper	Presenter
11.30-11.40	210	Intelligent Support System for Accessing Government Schemes	Shiny A
11.40-11.50	213	SignSpeech: Real-Time ISL Translation Using Spatio-Temporal Graph Convolutional Networks and Transformers	Thirugnana sambanda moorthi R
11.50-12.00	328	AI Capability, Data Science Utilization Intensity, and Sustainability Performance: The Mediating Role of Data-Driven Decision Quality	Deepika Sharma
12.00-12.10	75	Predictive Analytics for Airline Ticket Pricing-A Machine Learning Approach	P.Sudarkodi
12.10-12.20	137	ShiftGuard: Federated Early-Warning Models Robust to Hospital Shift	Satyanarayana Burugupalli
12.20-12.30	155	Self-Reflective AI Agent for Scientific Hypothesis Generation with Local LLMs	Vijay A. Kanade
12.30-12.40	335	AI-Driven Academic Behavior Analysis: Classifying Student Engagement Using Simulated Data	Gea Polisi
12.40-12.50	144	Combined Wavelet-Based Compression with Confusion-Oriented Encryption and Diffusion-Driven Decryption	
12.50-13.00	31	Detection of Financial Fraud in Banking Using Machine Learning and Resnet-50 With Fairness Evaluation	Praveen Kumar M
13.00-13.10	128	Optimized Efficient Net Model for Mango Leaf Disease Detection	Beena Suresh Gaikwad

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