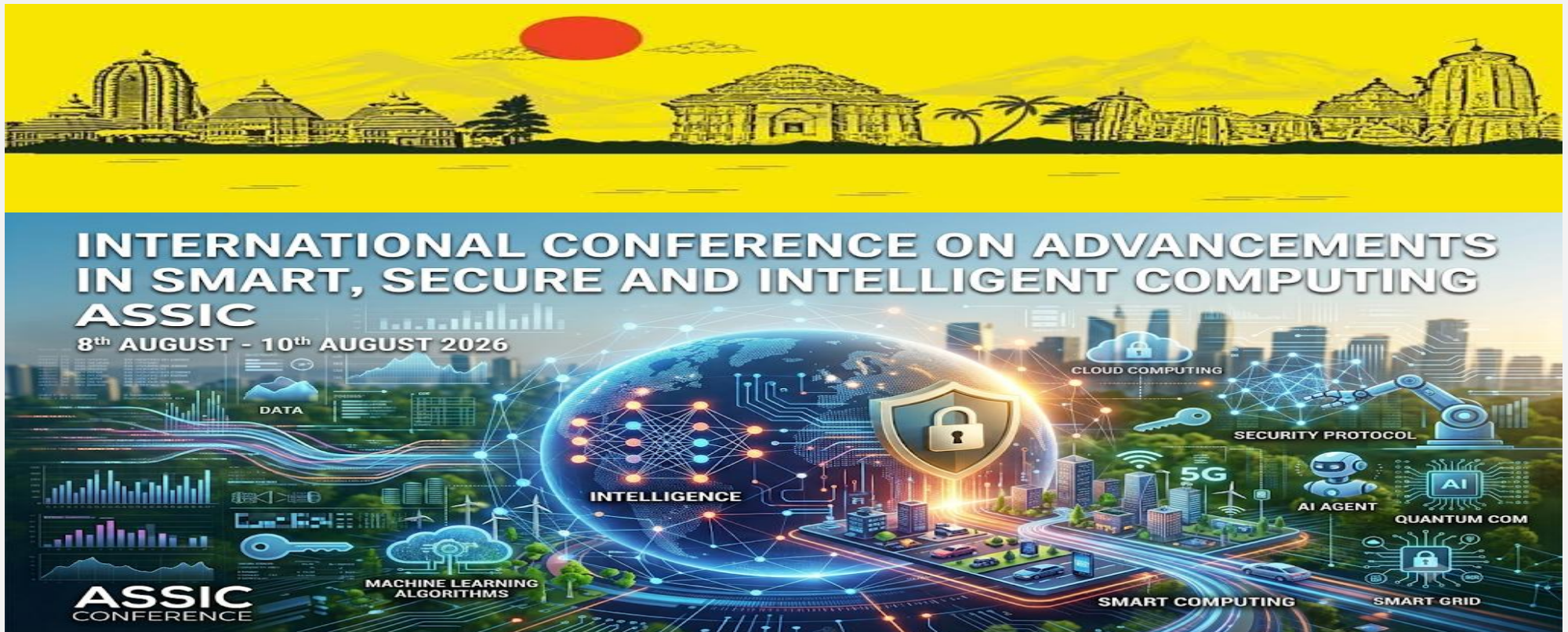




4TH INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN SMART, SECURE AND INTELLIGENT COMPUTING (ASSIC 2026)

PROGRAM SCHEDULE

4TH INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN SMART, SECURE AND INTELLIGENT COMPUTING (ASSIC 2026)

(8th-10th August, 2026)

Organized by



Kalinga Institute of Industrial Technology (KIIT)
Deemed to be University
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Bhubaneswar, Odisha, India

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CONFERENCE SCHEDULE

8.00 am - 9.30 am	Registration & Breakfast
9.30 am - 10.30 am	Keynote Talk-I (Tarek Gaber)
10.30 am - 11.00 am	High Tea
11.00 am - 12.00 pm	Invited Talk- I (Biswajeet Senapati)
12.15 pm - 1.15 pm	Inaugural Function
1:00 PM-2:00 PM: LUNCH BREAK	
2.00 pm - 2.50 pm	Invited Talk- II (Anand Rajagopal)

PAPER PRESENTATION SCHEDULE

DAY-1 (Saturday, 08.08.2026)

Time & Session/Track	Authors Name	Paper Title
S1/T1 3:00 PM - 4:30	Namita Mishra, Eleni Zewdu Belayhun, Satya Ranjan Dash, Dipsankar Sinha, Elena Girma Mandefro, Jagabandhu Mishra	Breaking Language Barriers: ASR Solutions for Amharic Healthcare Communication
	Mohini Prasad Mishra, Pradyumna Kumar Tripathy, Chitaranjan Tripathy	Protein Sequence Data-Driven Computational Methods for Predicting Protein-Protein Interactions: A Comprehensive Survey
	Smita Rani Biswal, Adyasha Dash	A Hybrid Ensemble Learning Model for Breast Cancer Risk Prediction and Big Data-Driven Classification
	Ritik Mallik, Dayal Kumar Behera, Satarupa Mohanty	Drought Analysis Using Machine Learning and Deep Learning on Climatic and Remote Sensing Data
	Manaswini Chakra, Bhaswati Sahoo, Prashant Kumar Pattnaik, Sohoni Ch. Chandra, Suneeta Mohanty	A Real-Time Drowsiness Detection for Safe Driving: A CNN-Based Approach

PM	Saurabh Bilgaiyan, Debolina Ghosh, Chinmayee Moharana, Mrutunjay Mahato, Shresthya Pal, Santwana Sagnika	When Accuracy Isn't Honesty: Measuring Evaluative Dishonesty in Transformer-Based Critique Models
	Priya Kaushik, Santwana Sagnika, Saurabh Bilgaiyan	An Advanced Fabric Defect Detection Technique Using YOLOV8n
	Pratyusa Mukherjee, Shilpa Das	HelixShield: Lightweight DNA Cryptography forIndustrial Twins
3:00 PM - 4:30 PM	S1/T2	Ansuman Das, Adyasha Dash, Lipika Mohanty, Ronali Padhy, Subhashree Darshana, Jyotiranjan Sahoo
		Hardik Raj, Aditya Dash, Ajay Kumar Jena, Amiya Ranjan Panda
		Harish Kumar Patnaik, Debashis Hati, Lalit Kumar Vashishtha, Panthadeep Bhattacharjee
		Swastik Rath,Siddharth Swarup Rautaray,Manjusha Pandey
		Shambhawi Sandilya, Manas Ranjan Nayak, Abhishek Basu
		Anil Kumar Meher, Deepti Mishra, Tania Mishra, Abhaya Kumar Sahoo, Rabindra Kumar Barik
		Kusha Mandika, Yasobanta Das, Debasish Mallick, Satya Ranjan Dash
		Suneeta Mohanty, Samya Das, Pritika Dey, Seema Gupta Bhol, Prasant Kumar Pattnaik, Bhaswati Sahoo
3:00 PM - 4:30 PM	S1/T3	Anjana Raut, Swati Samantaray, Mousumi Panda, Sheen Chakraborty
		Aakanksha Gaba,Anjana Raut,Swati Samantaray,Bhavya Bondwak
		Savvy Jatrana,Swati Samantaray
		Mamata Garanayak, Pankajini Tripathy, Subhra Gantayat, Suvendu Kumar Nayak,Goutam Kumar Mahato , Smita Rath, Mohammed Siddique, Bijay Kumar Paikaray, Trilochan Rout
		Chinmaya Kumar Naik, Mamata Garanayak, Trilochan Rout, Bijay Kumar Paikaray
		Anushka Kothiyal, Anurag Bijalwan,Juhi Singh, Aarti Chugh
		Harsha Rathi, Anjana Raut, Swati Samantaray, Suraj Pinate
		Debashis Hati, Harish Kumar Patnaik, Lalit Kumar Vashishtha, Ramakant Parida

S1/T4 3:00 PM - 4:30 PM	Ambika Sharma, Hariharasitaraman.S	An Enhanced Malware Detection mechanism using T5 Generation and RoBERTa attention
	Jay Prakash Singh, Debolina Ghosh, Lav Upadhyay, Jagannath Singh	Multi-Task Deep Learning Framework for Smartphone Battery Health Prediction and User-Centric Action Recommendation
	Reva Vig, Vinay Kumar Jain, Rakesh Kumar,Bijay Kumar Paikaray	Role of Artificial Intelligence to Measure Real-Time Riskfor Banking Basel Framework
	Aryan Shetty, Hariharasitaraman.S	An overview of Challenges in Deepfake technology detection and Mitigation
	Abhiraj Thakur,Gitanjali Gupta,Puja Shrivastava	An Intelligent Resume Screening System Using Natural Language Processing and Machine Learning
	D. S. Vohra	The Vohra Duality: A Polynomial-Time Algebraic Framework Proving P = NP
	Nivedita Sharma, Rakesh Kumar, Meenu Gupta	A Comparative Analysis of Liver Disease Prediction using Machine Learning Models
	Bhupathi Vishwa Pavani, Challagulla Sai Bhumika, Achal Baniya, Sanjay Baitha, Sajitha Krishnan, Harsh Vardhan Singh	A 3D Unity-Based Platform for Assessing Visual Search

4:30 PM–4:45 PM: TEA BREAK

Keynote Talk II (Ashay Mohile)		
S2/T1 4:45 PM - 6:30 PM	Mahendrakumar Kalal	AI-Driven Decision Support Systems for Secure, Resilient and Sustainable Industrial and Enterprise Operations
	Praful R. Pardhi, Ashish V. Chandak	AI-Powered Smart Presentation Generator
	Appareddy Manasa, G Apparao Naidu, N Sanjana Reddy, B Nageshwar Rao, N Manju Nageshwari, M Vishnu Vardhana Rao	A Multi-Model AI System for Brain Tumor Prediction: Integrating Machine Learning and Deep Learning
	Shrishti Kumari, Sugandh Singh, Ritu Prasad, Arjun Rajput	Federated AE&CNN Intrusion Detection Framework for Privacy-Preserving IoT Security
	Rahul Virghat, Hariharasitaraman.S	A Carbon-Aware Hybrid GA-TS Framework for Virtual Machine Placement in the Edge-Cloud Continuum
	Abishek Bharath D, Dhanush S, Aakash S, Prabbu Sankar P, Hemlathadevi A, Jackulin C	Data-Driven Pipeline for Loan Default Prediction and Credit Scoring
	Adusumilli Vijaya Bhaskar,Pamula Udayaraju,M Sitharam	A Comparative Study of Dominant Microprocessor Architectures in Modern Computing Systems: X86, ARM, RISC-V
	Aarti Swamy, Omkar K Kanetkar, Basavarajeshwari Patil, Hamsalekha R, Shwetha R, T Y Satheesha, Ajay Sudhir Bale	IoT-Enabled Intelligent Fault Localization System for Underground Power Cables
S2/T2 4:45 PM - 6:30 PM	Akash Ranjan	NeuroFedEdge: Energy-Efficient Federated Multi-Agent Spiking Intelligence for Resource-Constrained Edge Networks
	Hatib Ayaz Khan, Rakesh Kumar, Meenu Gupta, Samuel Tensingh	C-PAL: Design and Evaluation of a Cost-Aware Predictive Auto-Scaling Framework for AWS EC2
	Simranjeet Singh, Rakesh Kumar, Meenu Gupta,Samuel Tensingh	Multi-Layer Reversible Data Hiding Scheme using Bilinear Interpolation and Sequential Machine Learning Optimization
	Vineet Kumar Rathod,Meenu Gupta,Rakesh Kumar,Samuel Tensingh	Financial Transactions Future - Implementing a Secure and Trustworthy Decentralized Wallet DApp
	Shalu Tyagi, Rakesh Kumar, Meenu Gupta, Aayush Garg	An Intelligent Intrusion Detection System Using Machine Learning for Cyber Attack Detection

	Nilanjana Jamindar, Shyam Mohan J S	Explainable Autoencoder-Based Anomaly Detection for Prescriptive Maintenance Optimization in Data Center Cooling Systems
	Ismail SK, Akif Mahmood, Deep Suman Dev	Robust Face Spoofing Detection Using Local Descriptors and Liveness Analysis
	Bharat Kumar Kovilapu, Meenu Gupta, Rakesh Kumar, Rajasekhar Sunkara	Multimodal Model Auditing Framework in Detection of Spurious Correlations in Textual and Image-Based Machine Learning Models
S2/T3 4:45 PM - 6:30 PM	Keynote Talk III (Mahi Ratan Reddy Deva)	
	Jasmeet Kaur, Gitanjali Gupta, Vaneet Kumar	Explainable Artificial Intelligence for Coronary Artery Disease: Clinically-Grounded Models, Multimodal Evidence Integration, and Trustworthy Decision Support
	Akash Ranjan, Sushruta Mishra, Hrudaya Kumar Tripathy	Explainable Toxic Span Detection via CRF-Transformer Ensemble with Integrated Detoxification Pipeline
	Vaishnavi Thakur, Smarya Narang, Jay Prakash Singh, Debolina Ghosh	A Hybrid Deep CNN Framework for Deepfake Image Detection using Error Level Analysis and Frequency Domain Learning
	Shweta Singh, Sofia Singh, Dipti Theng, Payal Kadam, Sindhu Hak Gupta, Ashwani Kumar Dubey	Failure-Aware Model for Autonomous Vehicles using Risk-Based Object Detection under Degraded Environmental Conditions
	Priyadarshan D, Pradeep R, Rohit R, Prajith S, Alamelu Menaka N	A Geolocation-Driven, Explainable Multi-Model Machine Learning System for Crop Yield Prediction and Crop Recommendation
	Unnathi C S, Shivani P Math, Sunitha M T, Shwetha K S, Ashwini Kodipalli, Merin Thomas	Protein Sequence Data-Driven Computational Methods for Predicting Protein-Protein Interactions: A Comprehensive Survey
	M. Divya, K. Madhuri, B. Ramesh, L. V. K. S. Reddy, S. Pushpa, J. Mounika, N. Dinesh, G. Anusha	Multimodal AI for Early Neonatal Disease Prediction Using Cry Sounds and Genetic Data
	Yuganthi A, Divya Praba	Automated Phishing Email Classification Using TF-IDF and Supervised Learning
S2/T4	Keynote Talk IV (Naga Venkata SRIRAM CHODISETTY)	
	Preeti Ranjan Sahoo, Pulak Sahoo, J. R. Mohanty, Saumyarajan Dash	Effort Prediction in Agile-based Projects using Sequence Models and Machine Learning approaches
	Rashmikanta Tripathy, Girija Nandini, Susanta Kumar Mishra,	MediQuery: AI Reliable Medical Retrieval-Augmented Generation System

4:45 PM - 6:30 PM	Meenakshi Kandpal, Soumya Prasad Mishra, Jyotirmayee Rautaray, Rabindra K. Barik	
	Satakshi Poddar, Priyal Banerjee, Tanya Shaw, Deep Suman Dev	Multi-modal AI Framework for Digital Citizen Automation leveraging Large Language Models, Optical Character Recognition and Translation
	Santosh Kumar Sahoo, Swaroop Bhowmik, Dr. Nilamadhab Mishra, Subodh Panda, Saiyam Jain, Dipanjan Chodhury	Deep Learning for Real-World Image Denoising: Benchmarking Architectures for Optimal Speed and Quality
	Abhay Malik, Nazuk Sathvara, Niraj Sharma, Tejansh Vats, Shruti Purohit	SnapSense: An IoT-Enabled Smart Learning Canvas Using Multi-ReaderRFID for Tangible Early Childhood Education
	Karuturi Devi Priyanka, Subodh Panda, Anala Narayanamurthy, Srinu Injeti	Fuzzy Logic–Based Control Strategies for Turbine Efficiency Enhancement: A Comprehensive Review
	A. Jyoshana, Sibo Prasad Patro	Comparative Deep Learning Models for Accurate Millet Plant Disease Detection Using VGG19, ResNet50 and DenseNet169
	Dilip Kumar Vallabhadas, Jaya Sai Prasanna Kumar Katta, Sai Reshma Maddu, Vinaya Sri Mandalapu, Vikrama Dhanvi Paduchuri	Symptom to Specialty Mapping for Intelligent Hospital Recommendation using NLP

DAY-2(Sunday,09.08.2026)

8.15 AM-8.45 AM: Breakfast

Time & Session/Track	AuthorsName	PaperTitle
S3/T1	Keynote Talk V (Naveen Kumar)	
	Bharathy Vijayan, Arunkumar Gopu	Hybrid Evolutionary and Reinforcement Learning–Based Multi-Objective Virtual Machine Placement in Cloud Data Centers
	Renuka Pappu, K. Meenakshi, D. Akhila, K. Mydhili, M. Likitha, K. Alekhya	IoT Based Smart Energy Meter for Power Theft Detection
	Nishipadma Mishra, Krishna Priyadarsani, Pulak Sahoo, Siba	Software Effort Estimation Using UML Sequence Model Metrics and Machine Learning

9.00 AM - 10.45 AM	Prasada Tripathy, J. R. Mohanty, Sitakanta Parida	Approaches
	Sagarkumar Badhiye, Sarabjit Kaur, Deepti Rani, Amit Sharma, Gyana Ranjana Panigrahi, Nidhi	A Hybrid Feature-Boosted Neural Ensemble Model for Heart Disease Prediction
	C Naga Pradeep Kumar,K Govardhan Reddy	Bio-PhantomNet with DCAF-Net: An Integrated Biochemical and Adaptive Fusion Framework for Early and Accurate Plant Leaf Disease Detection
	Sachin Ware, Shalini Wankhade, Chudaman Sukte, Manohar Kodmelwar, Sonali Bhoite, Pravin Futane	Post-Quantum Migration for Secure Protocols: Building a Quantum-Safe Internet
	Saatwik Sawarn,Gitanjali Gupta,Vijay Kumar Garg,Mandeep Kaur,Abhishek Kumar	Disease Prediction Using Ensemble Machine Learning Models
	Anija, Shalu Gupta	Human Pose Estimation for Sports Injury Analysis:A Review
9.00 AM - 10.45 AM	Keynote Talk VI (Saurabh Kakkar)	
	Kailash Shaw, Parth Sikchi, Aarya Patil, Priti Pagar, Neel Mahajan, Aditya Nadekar	PicWise- Image Selector and Saver
	P. Mary Kamala Kumari, Pulari Ajay Kumar, Pallepogaru Aravind, Shaik Annas	YOLOv11-Based Smart Surveillance Framework for Real-Time Robbery Detection in Low-Light Environments
	Sukhdev Singh Dhanju, Gyana Ranjana Panigrahi, Ramdas Khomane, Harpominder Jit, Ishu Saini, Chaitanya Singla	Conversational AI Chatbots and Their Impact on Customer Engagement: A Hybrid BERT–LSTM Approach for Intent Classification and Sentiment Analysis
	Mohd Naved Ul Haq, Mohd Nafees, Asif Bashir, Kapil Gupta, Sagarkumar Badhiye, Gyana Ranjana Panigrahi	A Novel Stacked Ensemble Learning Framework with Explainable AI for Customer Churn Prediction in Subscription-Based Businesses
	C. A. Subasini, Keerthana V, Nancy Amalya A	Women Safety Application: Real-Time Voice Analysis For Emergency Response
	Shubhani Aggarwal, Kiranpreet Kaur, Latika Pinjarkar, Gagandeep Kaur, Rajni Verma, Smita Nirkhi	Predictive Analytics for Loan Default and Repayment Behavior in Retail Banking
	Gurvinder Pal Singh, Gyana Ranjana Panigrahi, Ramdas Khomane, Chandrika Devi, Abhishek Mathur, Rohit Markan	Generative AI for Personalized Digital Marketing Campaign Optimization
	Rohit Markan, Jugmeet Kour, Nilesh Ashtankar, Nilesh Shelke, Shuchi Sharma, Ankita Avthankar	AI-Enhanced Predictive Frameworks in Finance: Transferring Deep Learning and Ensemble Techniques from Healthcare Diagnostics to Risk Management and Sustainable FinTech

S3/T3 9.00 AM - 10.45 AM	Keynote Talk VII (Pavan kumar Boyapatti)	
	Palki Sharma,Neeraj Kumar,Ankita Avthankar,Nilesh Shelke,Rohit Markan,Nilesh Ashtankar	Bridging Healthcare AI Advances to Financial Services: Ensemble Learning, Data Augmentation,and Adapted Computer Vision for Robust Credit Risk Prediction and Operational Efficiency
	Neeraj Kumar, Shilpa Sharma, Smita Nirkhi, Latika Pinjarkar, Ankita Gupta	A Hybrid Ensemble Learning Framework for Multi-Class Startup Outcome Prediction in Venture Capital Risk Assessment
	Mohini Gupta, Parul Datta, Shonak Bansal	AI-Driven Cranioplasty: A Comprehensive Review of Automated Cranial Defect Repair and Patient-specific Implantation
	Nirmal Kumar Jingar	Towards Trustworthy Autonomous Enterprises: Integrating Agentic AI, Cloud Assurance, and Post-Quantum Security
	Ankita Samantara, Rajesh Vayyala, Ashis Kumar Pati, Bijay Paikaray	QPaint: Quantum-Enhanced Painting Classification via DenseNet and Variational Quantum Circuits
	Kailash Shaw, Saurav Pathare, Amar Banerjee, Rohan Shinde, Atharva Sawale, Safalya Satpute, Shreyesh Shinde	2D Spine Segmentation and Fracture Detection Using Vision Foundation Models With Deep Learning
	G M Anuradhaa, Menaka M, J Sofia Bobby,G Suresh, Vijaya Barathi M, Sathishkumar V E	Deep Learning-Based Model for Predicting Seizure Occurrences in Epileptic Patients
	P Sangavi, L N Jayanthi, R Jagadeesh Kannan,R Aiyshwariya Devi, C L Annapoorani, S Vaishnavi	Brain Stroke Prediction Using Gradient Boosting Algorithmwith Clinical Patient Data
S3/T4	Keynote Talk VIII (ABHINAY KUMAR REDDY SEELLA)	
	Barkathulla A, Dhivya Bhavani V, R Sathya, S Hemalatha, R Jagadeesh Kannan, S Murugan	Prediction of Exotic Crop Suitability Using Random Forestwith Agronomic Parameters
	Senthil Kumar Seeni, A V Harshika, Pramod Pandey, Dr. J. Jayasudha, C. L. Annapoorani, S. Sujatha	Sustainable Cloud Infrastructure Management for Optimized E-Commerce Customer Spending Platforms
	Menaka M, G Suresh, S Sujatha,Mathavan R, Thiyagarajan G, Monisha R	Isolation Forest-Based Monitoring of Nanomaterial Sensor Reliabilityin Dynamic Environmental Conditions

9.00 AM - 10.45 AM	D Muthukumaran, G Suresh, Gitty Annie Thomas,Surendar A, S Murugeswari Murthy, S Sujatha	Multi-Class Wheat Leaf Disease Classification Using Vision Transformers for Precision Agriculture
	M Rama, C L Annapoorani, S Sujatha,R Aiyshwariya Devi, Menaka M, Manlin Seamus	Liver Cirrhosis Prediction Using Decision Tree AlgorithmBased on Clinical Patient Data
	G M Anuradhaa, Menaka M, S Sujatha,R Aiyshwariya Devi, S Abirami, C Antro Sharon	Hybrid CNN-LSTM Model for EEG Classification of Alzheimer’sand Frontotemporal Dementia
	Suresh Lakshminarayanan, G Suresh, N Mohankumar,S Abirami, L N Jayanthi, Sathishkumar V E	Real-Time Road Sign Recognition Using YOLOv8 for Autonomous Vehicle Safety and Decision-Making
	L N Jayanthi, S Omkumar, Geetha R,Monisha R, N Mohankumar, Karthika M	AI-IoT Platform for Real-Time Detection of Hepatitisand Liver Function Anomalies
10:45AM–11:00AM:TEA BREAK		
11.00 AM - 12.45 PM	Keynote Talk IX (Sunil Karmakar)	
	Chitra Sabapathy Ranganathan, S Murugan, Akhil Gupta, Dr. G. Suresh, Dr. Monisha R, Dr. Balakumar Vijayaraman	Decision Tree Models for Eco-Friendly Fertilizer Recommendations in Modern Agriculture
	D Jeevarathinam, Thiyagarajan G, S Murugan,N Mohankumar, R Jayakumar, Balakumar Vijayaraman	Predicting Smart Home IoT Energy Management Adoption Using XGBoost for Sustainable Living
	Jothibabu K Konidhala, S Abirami, R Sathya,S Murugan, R Jagadeesh Kannan, Divyadharshini G	Recurrent Neural Network Approach for Accurate SustainableRice Type Classification
	Joly M, Senthil Kumar Seeni, M Aruna,S Subi, S Lourdu Jame, S Murugan	GRU-Based Model for Navigating Dynamic Indoor Environments and Obstacle Trajectory Prediction
	Soumya Remella, Geetha Krishna Sangam	Data-Driven Supply Chain Analytics Using LLM-Based Forecasting and Optimization Models
	Madhuram S Patil, Abhinav Nath, Swayam Prakash Panda,Tanish Gupta, Nilamadhab Mishra	True Random Number Generator using Biological Entropy
	Isha Suri,Sunil Wanjari	A Hybrid Machine Learning and Anomaly Detection Framework for Real-Time Banking Fraud Detection with Explainable AI
	Aditi Gopinath, Aditya Kumar, Vinay Saunshi, Vaibhav Kumar, Ashwini Kodipalli, Karthikeyan Periyasami	Sign-to-Text Communication with Emotion Detection using Enhanced ResNet and MLP

S4/T2 11.00 AM - 12.45 PM	Keynote Talk X (Viplove Goswami)	
	J. Selvin Paul Peter,Priya Esther B,Soumaditya Ghosh,Dhruv	AgriScribe: A Retrieval-Augmented Generation Based Telegram Chatbot for Intelligent Agricultural Assistance
	Christeena Johny, Divya Varghese, Don Davis, Edwin Shaju, Sruthy Sukumaran, Anusree K	Aksharalokam: AI-Powered Educational Assistant for Regional Language Access and Comprehension
	Yalla Anitha, R. Vijaya Prakash,R. S. Dubey	Fine Tuning DenseNet121 for Multi-Class Brain Tumor MRIClassification Using Adaptive Regularization
	Harpreet Kaur, Merry Saxena, Ramamani Tripathy,Alok Kumar Agrawal, Gaurav Mehta, Uttam Kumar Giri	Predictive Modeling for Cervical Cancer Risk AssessmentUsing Machine Learning
	Munish Kumar, Suresh Kaswan, Sandeep Singh Kang	EdgePlantHealth: Attention-Guided Edge Intelligence for Multi-Scale Plant Lesion Detection and Severity Grading
	Uttam Kumar Giri, R Sathiyaraj, Alok Kumar Agrawal,Merry Saxena, G S Pradeep Ghantasala, Deelip Kumar Sarangi	Machine Learning-Based Flood Probability Prediction Using Environmental and Socio-Economic Indicators
	V. Seema, Shyam Sunder Agrawal, Binisha M A, T. Mary Josephine Isabella, Divya Mahajan, Rajeev Sharma	A Meta-Analysis of Neural Networks, Deep Learning, and Fuzzy Logic in Enhancing Emotional Intelligence: Performance, Applications, and Research Trends
	Amit Thakur, Nilamadhab Mishra,Hitesh Gupta, Pushpendra Singh Tomar	Pneumonia Detection in Chest X-Ray Images Using a Novel Hybrid Feature Extraction Framework with Moth-Flame Optimization-Based Neural Network Classifier
S4/T3 11.00 AM - 12.45 PM	Keynote Talk XI (Phani Sai Manohar Gandrakota)	
	M Sitharam, Cheetirala Dhanush Krishna, Kotha Pavan Kumar, Kotha Nikhileswar, Palle Sudarshan Reddy, Ajay Dilip Kumar Marapatla	A Multimodal Framework for Accurate Heart Disease Prediction
	S Janagiraman,J Joshny Secelin Sherica,D Pragadeeshwari	Credit Card Fraud Detection Using Machine Learning
	Amit Thakur, Nilamadhab Mishra,Hitesh Gupta, Pushpendra Singh Tomar	Phenomena Detection and Classification in X-ray and CT Images Using Deep Features Hybrid and Novel Segmentation with Classifier
	Anushka Raj, Aditya Anurag, Kuldeep Singh Kaswan	AI-Driven Disease Diagnosis Through Symptom Analysis and Predictive Modeling
	Chandni Keswani, Shyam Sunder Agrawal, Saloni Raheja, Nitin Goyal, Rabia Narang, Rajeev Sharma	Do Financial Influencers Significantly Shape Retail Investor Behaviour? Evidence from Investment Recommendation Analysis

	Nikhil Naraniya, Akshat Chaudhari, Indu Chandran	Lightweight AI-Powered IoT for Detection of Plant Diseases in Smart Agriculture: A Case Study
	Vanapalli Kiran Kumar, Butcha Laxmana Rao, Menda Deepika, U D Prasan, Nabelli Sai Saranya Priya, Katakam Lokesh, Koppara Madhuri, Polaki Karunakar	Essay Evaluation System using Zero-Shot Sentence BERT and Rule-Based Methods for Language and Content Scoring
	Hussain A, Priyanka Rani, Jayapal Lande, Neeraj Gupta, Anandakumar Haldorai, R Sujitha	Enhancing Surface Code Decoding with Adaptive Machine Learning–Based Quantum Error Correction
S4/T4 11.00 AM - 12.45 PM	Keynote Talk XII (Santosh Appachu Devanira Poovaiah)	
	Rakesh Kumar, Pravesh Soti, Km Poonam, Bijay Kumar Paikaray	Role of Blockchain in Transparent Carbon Credit Markets
	Anjali Rajput, Upinder Kaur	A Case Study: Early Detection of Dementia Using Large Language Model-Powered Chatbots Integrated with RAG
	Jobanpreet Singh, Daljeet Kaur, Harshala Shingne, Mansi, Neeraj Kumar, Gyana Ranjana Panigrahi	Convergence of Computer Vision and Intelligent Systems: Applications in Medical Diagnosis, Disease Prediction, and Industrial Automation
	Upinder Kaur, Divya Midhun Chakkaravarthy	OphthaRAG: A Retrieval-Augmented Generation Framework for Enhanced Eye Disease Diagnosis Support and Question Answering
	Tanwarjot Singh, Mansi, Rani Kumari, Kapil Gupta, Sagarkumar Badhiye, Gyana Ranjana Panigrahi	FinSentNet: A Hybrid Deep Learning Framework for Sentiment-Driven Financial Market Trend Prediction Using Multimodal News Analytics
	Bhuvaneshwari P V, Pruthvi Raj S M, Gowtham C, S Suryateja, Siddhu N Angadi	Inventory Demand Forecasting Using Ensemble Machine Learning and Deep Learning Models
	Sukhdev Singh Dhanju, Neeraj Kumar, Geet Kiran Kaur, Harshala Shingne, Nilesh Shelke	Predictive Analytics for Loan Default and Repayment Behavior: A Machine Learning Approach
	Kawal Nain Singh, Rani Kumari, Navdeep Kaur, Priya Dasarwar, Nilesh Shelke	A Novel Explainable XGBoost-SHAP Framework for Startup Valuation and Investment Screening in Entrepreneurial Ecosystems

12:45PM-1:30PM: LUNCH BREAK

Keynote Talk XIII (Shrie Raam Sathyanarayanan)		
S5/T1 1.45 PM - 3:30 PM	Geet Kiran Kaur, Ranjit Kaur, Jaswinder Singh	Hybrid Privacy-Preserving Blockchain Authorization for Cloud Environments
	Logeswaran A,Suchithra K R,Saberna P,Visonth R S,Sujan S	Nanorobotics in Cancer Therapy: A Targeted Cellular Intervention Model
	Chandrashekhhar Goswami, Sonali Dhawe, Sachin Patil,Annaji Kuthe, Rahul Kumar, Purva Thakare	Beyond Data Silos: A Comprehensive Survey on Privacy-Preserving and Secure Federated Learning
	Alok Kumar Dash, Anima Arunjita, Ashwini Kumar Khatua, Hitesh Mohapatra,Aditya Narayana Das, Debasish Pradhan, Prasanta Kumar Bal	An Intelligent Machine Learning Model for Software Defect Predictionbased on Feature Optimization
	Satyasis Mishra, P A Sunny Dayal, Naresh Kanungo,Bijay Paikaray, Muluken Desalegn Woldesenbet, Katleho Moloi	Anisotropic Filtered FLICM Segmentation Technique for Brain Tumor Detection from MRI Images
	Rajesh Kambattan Kovarasan, K Karpagambigai, Senthil Kumar Seeni, C Srinivasan, Mohd Ashfaqul Hasan, Reshmitha T	IoT-Driven Home Hydroponics System Using KNN for AutomatedCultivation Management
	Asha Christina, S Subi, C Srinivasan,Monisha R, N Mahalakshmi, B Divya Priya	Cloud-IoT Architecture for Monitoring Motor and Cognitive Decline in Neurodegenerative Disorders
	Satyasis Mishra, Ashish Ranjan Dash, Tadesse Hailu Ayane, Bijay Paikaray, Ram Sewak Singh	Layer-Fusion Deep CNN Model for Power Quality SignalClassification
Keynote Talk XIV (Appala Venkata Subhadra Raju Dantuluri)		
S5/T2 1.45 PM - 3:30 PM	Suprina Sharma, Palki Sharma, Latika Pinjarkar, Harpominder Jit, Smita Nirkhi	A Novel Hybrid Predictive Analytics Framework for Financial Distress and Bankruptcy Forecasting
	J Jayasudha, Mohd Ashfaqul Hasan, S Murugeswari Murthy,Dhivya Bhavani V, R Jagadeesh Kannan, C Srinivasan	Reinforcement Learning–Based Optimization Framework for EV Grid Aggregation and Charging Cost Reduction
	Raxit Trapasiya, Himanshu Gajera,Jenis Barad, Hiren Kumar Thakkar	Attention Enhanced Deep Learning Framework for AutomatedCotton Plant Disease Detection
	Amulya Yedla,N. Sharmila Banu	Multimodal Fusion Framework for Liver Disease ClassificationUsing Ultrasound and Clinical Data
	Dr. V. Kannagi, C Srinivasan, Dr. G. Suresh, Surendar A, K V	Integrating Multi-Source Data for Adaptive Ecological Landscape Evaluation Using

	Sunil Varma, Pramod Pandey	LightGBM
	Harshini Nimmagadda, Himanshu Gajera,Vasu Savani	Moving Average Optimisation Using Different Machine Learning Techniques
	Chitra Sabapathy Ranganathan, C Srinivasan, R. Jagadeesh Kannan, Akhil Gupta, Dr. Monisha R, Sathishkumar V E	XGBoost-Driven PV Inverter Control Performance Assessment in Decentralized and Distributed Systems
	Reva Vig, Vinay Kumar Jain, Rakesh Kumar, Bijay Kumar Paikaray,Girija Nandini,	Impact of Fintech Development on Basel Framework Performance Integrated with Fuzzy DEMATEL
S5/T3 1.45 PM - 3:30 PM	Keynote Talk XV (Sundaravaradan Ravathanallur Chackrvarti)	
	Chandrashekhar Goswami, Sonali Dhave, Ansar Sheikh,Shubhangi Deokar, Rahul Kumar, Bibhav Shankar Shrivastava	Machine Learning and Deep Learning Approaches for Real-TimeAnomaly Detection in IoT Systems
	Amit Kumar Padhi,Saina Sio,Meena Moharana, Dushmanta Kumar Padhi,Adyasha Dash,Nilesh Kumar Gupta	Physics-Inspired Temporal Learning Framework with Uniformer-GRU for Multi-Class Video Anomaly Prediction
	Sandeep S Raghav, Hariharasitaraman. S	A Hierarchical Dual Chain Framework for Privacy-Preserving IIoTIntrusion Detection via Federated XGBoost
	Divya Sapra,Debolina Ghosh,Nitika Chawla,Roshni Jha	AttenFake: Robust Deepfake Detection Using Multi-Scale Attention-Enhanced Neural Networks
	Jainab Zareena, S Murugeswari Murthy, M Muthulekshmi,Siji Sivanandan, Dhivya Bhavani V, Sathishkumar V E	EfficientNet-B0 Approach for High-Precision Vanilla Plant DiseaseRecognition in Field Images
	M Rama, B Muthazhagan, S Abirami,A Ammupriya, M Muthulekshmi, Madhumitha M	IoT-Integrated Isolation Forest for Detecting Anomalies inBlockchain-Secured 6G Renewable Microgrids
	Taruna, Jay Prakash Singh, Parul Gupta, Roshni Jha	Advancing Precision Diagnosis: A Hybrid Vision Transformer-U-Net Framework for Multi-Parametric Brain Tumor Segmentation and Grading
	K Kannan, S Murugeswari Murthy, M Muthulekshmi,Siji Sivanandan, Surendar A, Sathishkumar V E	IoT Sensor Analytics Using Neural Networks for Agile TeachingPerformance Enhancement
S5/T4	Keynote Talk XVI (Raju Dandigam)	
	K Karthick, G Geethamahalakshmi, S Lourdu Jame,M Muthulekshmi, Senthil Kumar Seeni, R V Ajay Vishnu Raj	IoT-Based Real-Time Overheat Detection in Industrial MachineryUsing SVM Model

1:45 PM - 3:30 PM	Roshni Jha, Divya Sapra, Shilpa, Harshala Shingne, Nilesh Shelke	Enhanced Speech Emotion Recognition in Educational Settings Using Multi-Modal AFCNN Fusion
	Dr. S. Hemalatha, Pramod Pandey, R. Jagadeesh Kannan, J. S. Anusuya, Thiyagarajan G, M. Muthulekshmi	Edge-Enabled Wireless Sensor Networks for Proactive Dust Level Monitoring in Coal Mines
	Kartikya Bakshi, Khushi, Manoj Kumar Shukla, Puneet Sharma	Citizen-Augmented E-Challan System: A Computer Vision Approach to Decentralized Traffic Enforcement
	Smriti, Kiran Narang, Shresth Pandey, Adarsh Kumar	Parkinson's Disease Prediction Using Machine Learning with Flask-React Integration
	Bhagya Laxmi B, Rupesh Kumar Mishra,Gireesha D	Tomato Plant Leaf Disease Classification Using DeepConvolution Neural Network
	Omkar K. Kanetkar, Aarti Swamy, Piyusha Shetgar, Hamsalekha R, Shwetha R, Soumya Somanath, Ajay Sudhir Bale	Edge-Based Environmental Monitoring and Short-Term Forecasting Using Raspberry Pi
	Ayushi Sharma, Rakesh Kumar, Bijay Kumar Paikaray,Trilochan Rout, Rasmi Prakash Swain, Neha Gupta	Innovative Roadmap to Industry 6.0: Discovering Tourism Developments
3:30 PM - 3:45 PM TEA BREAK		
3:45 PM - 5:30 PM	Keynote Talk XVII (Prashanth Chevva)	
	K.A. Asraar Ahmed, V.S. Damodharan, Bijay Kumar Paikaray, Priya L, and Girija Nandini	Determinants of Autonomous AI Agent Adoption among IT Professionals
	K.A. Asraar Ahmed, V.S. Damodharan, Bijay Kumar Paikaray, Mohammed Mansoor Ahmed Pillai, Prasanna S, and Priya L	Acceptance of Agentic AI in Human Resource Management- A SEM-ANN Approach
	Hrittik Mural, Sajal Chandra Banik	Comparative Study of Different Models for Flower Plant Growth Prediction: Machine Learning vs. Deep Learning Using Environmental Factors in Bangladesh's Agriculture
	Jagmeet Kaur, Puneet Kumar	ENT Screening from Segmentation-Aided Transfer Learningfor Lip and Tongue Cancer Detection
	Smarya Narang, Vaishnavi Thakur, Jay Prakash Singh, Jagannath Singh	Lightweight U-Net Architecture for Real-Time Post-Disaster Damage Assessment
	Latha Kiran Krishna Rajendran, Rajatha Maradi Hemanth Kumar	AI-Driven Digital Twin Architectures with Multimodal Foundation Models and Reinforcement Learning for Adaptive Cancer Therapy Optimization
	Ohmini Krishnamurthy Rajendran	Cognitive Clinical Foundation Models for AI-Assisted Precision Oncology: A Multimodal Agentic Framework for Real-Time Cancer Therapeutic Decision Support

S6/T2 3:45 PM - 5:30 PM	Debasish Patnaik, D Saravanan	Beyond Public Blockchains: Improving MPA Governance via Permissioned Consensus and Oracle-driven Proxy Re-encryption
	Keynote Talk XVIII (Kameshwaran Arunachalam)	
	Navya Goel, Ayush Kaushik, Selvin Paul Peter J, B. Priya Esther	Enhancing Drug Safety through Pharmacovigilance in Psychiatric Care
	Archita Saraswati, Sanjana Bisht, Shaurya Singh, Vishakha Tripathi, Pooja Khanna, Puneet Sharma	Comparative Evaluation of Parsing Approaches for Improved Syntactic Understanding
	Gayathri B Nair, Akshaya Krishnan, Veena G	Adaptive Chatbot for Mental Health Screening and Personalized Self-Help Interventions
	Thangavel S, Venu Pantangi, Venkata Satya Praveen Rani, Karthik Aryaman Rani, Ravi Teja Aida, Keerthana N V	AMPCI - Adaptive Multimodel Pancreatic Cancer Intelligence using Fusionised AI-Driven Framework
	Varalakshmi R, Karthik Aryaman Rani, Hemasree Koganti, Savita Trivedi, Venkata Satya Praveen Rani, Keerthana N V	An AI-Driven Threat Detection and Risk Mitigation in Consumer Data Analytics Platform
	K P N V Satyasree, Neha Dhiman, V Sumalatha, Mayank Srivastava, Babitha Lincy R, Veeranjaneya Varaprasad	A Privacy-Preserving Federated Learning Framework with Differential Privacy and Secure Aggregation
	KATHIRVEL V, Shalini Divya Prasanna A, ANIL KUMAR SINGH, Rubitha M, Vanipenta Ravikumar, Baskar K	A Novel Suffrage Strategy for Improving Random Forest -Supportive Web Mining Classification
	Saatvik Nagar, Salman Khan, Pradeep Chauhan, Abhishek Kumar	A Hybrid AI-Driven Framework for Automated Code Review and Defect Detection

Keynote Talk XIX (Sourabh Kukar)		
S6/T3 3:45 PM - 5:30 PM	Akhila E, Arivamudhan M, Ramyarani N, Anil Kumar Singh, Anant Sidhappa Kurhade, Baskar K	CatBoost-driven Prediction of Post-stroke Motor Recovery Using Wearable Sensor Inputs
	Pushpa Rajita G, Vasujadevi Midasala, Ramyarani N, Sheeba T, Nandhini K, Baskar K	Personalized Antidepressant Treatment Response Prediction by Recurrent Neural Infrastructure
	Savita Trivedi, Mukesh Kumar, Ramarajan M, Sujatha S, Sivaganga P, Sangeetha S	An AI-Driven Predictive Framework for Marketing Strategy Optimization Using Consumer Behavior Analytics
	Akhila E, Arivamudhan M, Ramyarani N, Anil Kumar Singh, Anant Sidhappa Kurhade, Baskar K	CatBoost-driven Prediction of Post-stroke Motor Recovery Using Wearable Sensor Inputs
	Pushpa Rajita G, Vasujadevi Midasala, Ramyarani N, Sheeba T, Nandhini K, Baskar K	Personalized Antidepressant Treatment Response Prediction by Recurrent Neural Infrastructure
	Savita Trivedi, Mukesh Kumar, Ramarajan M, Sujatha S, Sivaganga P, Sangeetha S	An AI-Driven Predictive Framework for Marketing Strategy Optimization Using Consumer Behavior Analytics
	Surya Tej Karnati, Manoj Panguluri, Chaitanya Kumar Reddy Gunapati, Sambit Kumar Mishra	AI-Powered Financial Intelligence Suite for Trading, Risk Management, Fraud Detection, and Personalized Financial Analytics
	Akhila E, Arivamudhan M, Ramyarani N, Anil Kumar Singh, Anant Sidhappa Kurhade, Baskar K	CatBoost-driven Prediction of Post-stroke Motor Recovery Using Wearable Sensor Inputs
Keynote Talk XX (Abhishake Reddy Onteddu)		
S6/T4 3:45 PM - 5:30 PM	Pushpa Rajita G, Vasujadevi Midasala, Ramyarani N, Sheeba T, Nandhini K, Baskar K	Personalized Antidepressant Treatment Response Prediction by Recurrent Neural Infrastructure
	Savita Trivedi, Mukesh Kumar, Ramarajan M, Sujatha S, Sivaganga P, Sangeetha S	An AI-Driven Predictive Framework for Marketing Strategy Optimization Using Consumer Behavior Analytics
	Surya Tej Karnati, Manoj Panguluri, Chaitanya Kumar Reddy Gunapati, Sambit Kumar Mishra	AI-Powered Financial Intelligence Suite for Trading, Risk Management, Fraud Detection, and Personalized Financial Analytics
	Maria Shyla J, Harishchander Anandaram, Swarna Surekha, Revathi P, Roshini Barkur, Sangeetha S	Tamper-Resistant Invoice Processing by Generative AI Verification and Random Forest Anchors
	M.L.S.N.S Lakshmi, Nagakishore Bhavanam S, Latha K,	AI-Driven Evaluation of Student Question - Answer Interactions for Optimized Learning

	Sangeetha K, Sanish V S, Sangeetha S	Outcomes
	Swastik Mohanty,Sasmita Behera	Effective Sensor Localization in WSN using Differential Evolution based Quadratic Optimization
	Veera Bhadra Rao Donthamsetti,Srilatha Chebrolu	High-Fidelity Reconstruction of Low-Dose CT Images Using a Hybrid CNN–Transformer Architecture for Clinical Diagnostics
	Senthilkumar V M, Mubarak S, Satish N, Yokeshwaran V, Kavisri K, Thamaraiselvam P	Unsupervised Threat Detection in High-Frequency Trading Data Using the Isolation Forest Algorithm

5:30 PM - 5:45 PM TEA AND SNACKS

DAY-3(Monday, 10.08.2026)

8.30 AM - 9.00 AM: BREAKFAST

S7/T1 9:00 AM - 10:45 AM	Keynote Talk XXI	
	Satish N, Gowtham G, Selvarajan L, Krishnan R, Apsalahmed S, Yazhini S	Transformer-Enhanced Deep Neural Network for Phishing URL Detection
	Baidehi Jena, Lambodar Jena,Manoranjan Parhi, Debasish Pradhan	Performance Evaluation of Advanced Machine Learning Classifiersfor Software Defect Prediction
	P Manivannan, Vinitha V, Anandakumar Haldorai, Vinay Goyal, Neeraj Varshney, Gutti Yateesh	SAFSA: A Multimodal Deep Learning Framework for IntelligentAgriculture and Food Security Monitoring
	Raja sri Katla,Kshira Sagar Sahoo,Sugyan Kumar Mishra	Recent Advancements in Adaptive Spatial-Domain Image Steganography: A Comprehensive Survey
	Benaka Santhosha S, Manoj U, Shakunthala C,Ravi Kumar V G, Vinitha V, Diana George	Language Detection from Handwritten Scripts UsingCNN–LSTM Architecture
	Angadi Mohammed Rayyan, Divin Adithya, Kartikeyan TS, Aishwarya R	Trustworthy Heart Health: A Fairness-Constrained Decision Support System for Cardiovascular Risk Assessment
	Diana George, Naitik ST, Likhitha N,Yashaswini Gowda M, Tanushree H L, Susmitha B R	A Robust and Explainable CNN Framework for Automated MRI Distortion Detection with Grad-CAM Interpretation

	Diana George, Benaka Santhosha S, Shreyas R,Tejovarshini, Thejaswini M, Sujay Kumar S	Life Link: Multi-Parameter Crash Detection with AdaptiveFalse Alarm Suppression
S7/T2	Keynote Talk XXII	
9:00 AM - 10:45 AM	Manjot Kaur,Rajneesh Randhawa,Jagroop Kaur	Performance Analysis of a Wireless Sensor Network Using OMNeT++
	Anmoljot Singh,Puja Shrivastava,Gitanjali Gupta	Confidence Level Prediction from Interview Speech Using Mel-Spectrogram CNNs Trained on Naturalistic Recordings
	Honey Kumar, K Venkatesh Sharma, Sreetha E S,Narendra Bavisetti, Anshy Singh, V Anantha Krishna	Smart Contract-Based Cross-Domain Identity Verification andReputation Management
	P Anjaiah, Rishika Goel, Dr. Ramesh V, Sonali Dadwal, Komal Mishra, Latifjon Kosimov	Image Classification with Hybrid Deep Learning and Machine Learning-Based Feature Extraction
	Narender Singh, Ruby Gupta, Priya K V,Venkat Swamy Sureddy, Ashok Bhansali, Lingidi Nageswar Rao	A Decentralized Trust Evaluation Model with Zero-Knowledge Privacy and Cross-Chain Interoperability
	Rajesh Babu Chandran, Kanegonda Ravi Chythanya, Scaria Alex,Sivachakraavinash Bikkina, Hitendra Garg, R Mahendran	Dual-Gate Adaptive Incremental Learning (DAIL): A Unified Framework for Mitigating Catastrophic Forgetting in Continual Neural Network Training
	Trinadh Reddy K V S V, Karthik Kumar Periaswamy, Kayalvizhi S,Suresh Jajula, Rakesh Kumar, R Mahendran	Self-Healing Fault-Tolerant Intelligent Transformer (SHFIT): An Autonomous Recovery Framework for Mission-Critical Distributed Systems
	Varun Jethani, Vidhan Prajapati, Jay Bhuptani, Puneet Sharma, Shailendra Narayan Singh, Hiren Kumar Thakkar	Homomorphically Encrypted Graph Attention Networks forPrivacy-Preserving IoMT Intrusion Detection
S7/T3	Keynote Talk XXIII (Ashmin Ajitav Swain)	
9:00 AM - 10:45	Arnab Patra, Neetu Mittal, Vijay Kumat Tayal, Pradeepta Kumar Sarangi	Satellite-Based Water Body Analysis Using GeoAI:A Deep Learning Approach
	Shruti Thakkar, Tanishka Surti, Trisha Rami, Puneet Sharma, J. Ajayan, Jayanti Tripathi Pandey	MediVault: An Intelligent Personal Health Record Management System with AI-Based Classification and Blockchain-Secured Data Governance
	Neil Sagar, Aman Agrawal, Aansh Aggarwal,Manoj Kumar Shukla, Puneet Sharma, Manish Kumar	Deep Learning-Based Leaf Disease Detection and Intelligent Advisory System Using Transfer Learning

AM	Bamacharan Kole, Bhaskar Bhowmick, Ajit Kumar Pasayat	Digital Orientation of Small Enterprises: An Indian Perspective
	Anshika Panwar, Aditya Maurya, Jalaj Bhati,Manoj Kumar Shukla, Puneet Sharma	An Automated Image Analysis System for the Localization and Classification of Skin Cancer Lesions
	Shaurya Mehta, Meet Grover, Manoj Kumar Shukla,Puneet Sharma, Anshu Kumar Dwivedi	Design Driven Code Generation: From ER Diagramto Schema Generation
	Suneel Vallu, Kriti Gupta, Charanjit Singh, Samuel Tensingh	Confidence-Calibrated and Explainable Decision-Support System for Pneumonia Detection from Chest X-Ray Images
	V S N Murthy, Anish Gupta, Lavanya Kumari Pithani,Praveen Mittal, Minu Balakrishnan, Madhavarapu Chandan	Reinforcement Learning–Driven Adaptive Framework for Real-TimeBig Data Analytics
Keynote Talk XXIV (Kameshwaran Arunachalam)		
9:00 AM - 10:45 AM S7/T4	V.S. Damodharan, K.A. Asraar Ahnmed, Bijay Kumar Paikaray, Priya L, and Girija Nandini	Factors affecting employees' adoption of Agentic AI - A TAM-TTF Approach
	Dr. Deepa Bura, Ms. Kanika Kundu, Dr. Amit Chaudhary	Benchmark Evaluation of a Neural Network-Based Framework for Face Spoof Detection
	Kavitha P, Tavanam Venkata Rao, Malathy Ramaswamy, Gayathri Parasa, Rohit Agarwal, S. Sathish Kumar	BLADE-LA: A Bi-LSTM Attention-Driven Graph-Enhanced Framework for Student Mastery Prediction
	Chintu Sharma, Harsh Yadav, Aman Gupta, Ayush Kumar Singh, Akansha	Gate Pass Authentication System
	Bhavna, Amandeep Kaur, Priya Dasarwar, Gyana Ranjana Panigrahi, Khushboo, Lalmohan Pattnaik	Advancing Healthcare and Industry 4.0 Through Deep Learning: Detection, Classification, Prediction,and Synthetic Data Generation
	Vikram Kalvala, Vijayakumar Sajjan, Koulik Ghosh, T. A. Joseph Judson, Narsaiah Domala, C P Pavan Kumar Hota	A Hybrid Feature-Based Machine Learning Framework for Renewable Energy Forecasting
	Md Musa Ali	Explainable AI Framework for Early Alzheimer’s Disease Detection Using Brain MRI Analysis
	Supriya Surampudi, Sireesha Penedm, Suresh Kancharla, Sneha Anne, Navya Sri Jonnala, Soniya Surampudi	Vision Based Traffic Sign Interpretation Using Random Forest Models

Keynote Talk XXV (Vijayachandar Sanikal)		
S8/T1 10: 45 AM - 12:15 PM	E. Saravana Kumar, CH. Pradeep Reddy, Md Ankushavali,Subhash Chand Agrawal, Anandakumar Haldorai, K Kiran	High-Performance Predictive Intelligence for Big Data UsingDeep Learning–Driven Distributed Systems
	Bhagyashri R Wankar, Rudra Kalyan Nayak	Analysis of Different Modalities & Machine Learning Methodsfor Detecting Breast Cancer Stages
	Jyoti, Bhumika, Md Rameez Ahmad, Deeptanshu, Shivam Dhakrey	Early-Stage Prediction of Liver Cirrhosis Using Machine Learning-Based Analysis of Clinical and Biochemical Parameters
	Anish Raj Hota, Swarith Dangwal, Thatavarti Vinay Kumar, Vaddi Venkata Narayana	Non-Invasive Heart Rate Monitoring Using Facial Video for Remote Health Care
	Simranjeet Kaur, Shalu Gupta, Srishti Garg	Systematic Review: Prescription Decoding with OCR Technologies Using Deep Learning in Healthcare
	Dhrumil Shah,Laxmi Kumari,Sidheswar Routray	An Autonomous Data Analyst Framework Using Agent-Based Data Analysis
	Annapoorna N, Hardarshan Kaur	Comparative Analysis of CI/CD Pipelines on Different Cloud Platforms
	Rohit Yadav, Shashwat Shukla, Puneet Sharma,Ujjawal Gupta, Shreya Gupta, Prabhat Yadav	A Low-Cost Portable Smart Soil Testing Device for Real-TimeNutrient Analysis and Crop Recommendation
S8/T2 10: 45 AM - 12:15 PM	Er. Jyoti, Sajda Sabnam, Sarthak Shrivastava, Ashutosh Bhardwaj	An Intelligent Framework for Lung Disease Prediction Using Advanced Machine Learning Techniques
	Laxmi Kumari, Sidheswar Routray	Multilingual Healthcare Intent Classification for Indian Languages
	Thiruvenskadam Krishnan, Keerthana S, A Athul Krishna, Gautam Suresh, Merlin Jennifer S	D-Sweep: An ESP32-Driven Autonomous Vacuum Robot with Multi-Sensor Navigation
	Monica Sankat, Ram Kumar	Collaborative Intelligence for Sustainable Mahua Farming:A Privacy-First Multi-Task Approach
	Ram Kumar, Shubham Purbey, Monica Sankat,Nilamadhab Mishra, Harshit Gupta	A Multi-Modal Data Fusion System for Flood Detection: A Privacy-Preserving Federated Learning Approach Leveraging Transfer Learning and Real-World Field Data
	Mohith Varun Regalagadda, Keerthi Madugula, Nandini Kodali, Kshira Sagar Sahoo, Sankar Jai Pavan Uttaravalli, Sambit Kumar	Stability-Aware Predictive VM Placement Framework Using GRU and Hysteresis Control in Cloud Data Centers

	Mishra	
	Revanth Reddy Bandaru	Data-Driven Supply Chain Risk Assessment and Mitigation Using Deep Learning and Real-Time Analytics for Smart Logistics
	E Ajitha, J Jitto Shalvin, N Mukilan	AI-Based Satellite Image Cloud Removal Using Deep Learning Techniques
10: 45 AM - 12:15 PM	Lakshmipraba Balaji, Sandhya Shinde, Priya Charles, Anushka Firke, Shreya Pachghare, Aditi Balladkar	Lifelink: A Multi-Role Web-Based Blood Donation Management and Emergency Response System
	Jai Amrish Shah	AI-Based Cybersecurity Framework for Real-Time Threat Detection and Risk Mitigation in Smart Sustainable Systems
	Prudhvi Krishna Thandra	AI-Driven Secure Cloud Computing using Large Language Models for Anomaly Detection and Risk Mitigation
	Raj Kumar Parida, Srasti Bhardwaj, Dhruv Singh, Ajaya Kumar Parida, Nirupama Parida, Sandeep Bhatia	Real Time Fraud Detection in Digital Transactions Using Machine Learning Techniques
	Raj Kumar Parida, Harsh Vardhan Agrawal, Archita Banerjee, Ajaya Kumar Parida, Nirupama Parida, Sandeep Bhatia	Intelligent Weather Forecasting Using Machine Learning Technique
	Prasad Sundaramoorthy	AI-Driven Smart and Secure Supply Chain Systems Using Cloud-Edge Computing and Big Data Analytics for Intelligent Decision-Making
	Archana Joshi, Kanupriya, Pooja Dhyani, Neha Gupta, Rakesh Kumar, Bijay Kumar Paikaray	Digital Transformation in Global Trade: Integration of AI, Big Data, IoT and Blockchain
	Rajesh Nayak, Rithika Devadiga, Sameeksha Kulal, Sinchana Sapaliga, Sneha Rao	Machine Learning Based Forecasting of State-Level Electricity Demand
S8/T4	E. Ajitha M.E., (Ph.D), Berwin N, Anbuselvan S	YOLO-Driven Automated Pothole Detection for Smart Road Surveillance
	Sarthak Patil	CHAKRAVYUH: A Dual-Layer Secure and Covert Communication Framework for Indian Armed Forces and Military Intelligence Using Cryptography and Network Steganography
	A M Santina Appalo, Sanzi Rajan, S Sathyavvratha, G Sabeena Gnanaselvi	Autonomous Smart Horticulture System with Integrated Water and Nutrient Automation
	Sambit Kumar Mohanty, Nilamadhab Mishra	BioNexus Shield: Multi-Modal Behavioral GNNs with Federated Drift Adaptation for Card Fraud Detection

10: 45 AM - 12:15 PM	Kaushik Jain, Jay Ashwin, Krish Moorjani,Debabrata Swain, Debabala Swain	Distinguishing AI-Generated and Real Images: A Deep LearningApproach Using ResNet
	Parvathy S Lal, Asha Ashok	A Failure-Aware Adaptive Decision Algorithm for CNN–LSTM–Based Network Intrusion Detection Systems
	Sumanshu Jindal,Gitanjali Gupta,Rahul Punj,Harinder Kaur,Muskan Pandey	SAMF-IoT: A Novel Smart Adaptive Multi-Sensor Fusion Framework for Automated IoT- Based Wet and Dry Waste Segregation
	Dr. Prabakar D,Shradha Rai,Parth Bhunia,Akshita Sahu	Spatio-Temporal Risk Intelligence Framework for District-Level Road Safety Modeling
	M Kiran Kumar, KV Dheeraj Kumar, Kushala A, Harini A, Ganesh D, Ganga Prasad P	Attention-Driven Network Intrusion Detection: A Transformer Approach with Synthetic NSL-KDD Data
	Togati Rammohan,Rupesh Kumar Mishra	Explainable Machine Learning Models for Transparent and Trustworthy Medical Decision Support
	Annie Jijo Zacharia, Yug Trivedi, Zuzer Chathiwala,Husen Lakdawala, Jaikesh Kumar Singh, Sejal Shah	Noise-Tolerant Multi-Model Ensemble for RobustHypothyroid Classification
	Basanagowda Patil, Hemanshi Dhanani, Kashvi Gaur,Husen Lakdawala, Yug Trivedi, Sejal Shah	A Hybrid ML Framework for Survival Prediction in GlioblastomaIncorporating Clinical Indicators and Genomic Signatures
	Nishant Anand, Hardarshan Kaur	Plant Disease Detection Using Deep Learning: A Review of Methods, Challenges, and Real- World Implementation
	V. Logeswari, Pavish kumar A K, Raajesh Kumaar N V, Vishnu V	Smart BridgeStructural Health Monitoring System
	Yesha Patel	Behaviour-Aware Cybersecurity Models for Secure Payment and User Authentication in E- Commerce System
S9/T2	Deepak Gupta, Meenu Gupta, Rakesh Kumar, Saurabh Kumar	Reducing Factual Hallucinations in LLMs throughEvidence Retrieval and Consistency Verification
	Naga Venkata Sriram Chodisetty	Adaptive Cost-Aware Hybrid Indexing for Efficient Query Processing in Large-Scale Retail Sales Data
	Swikrit Aryal	Machine Learning Approach for Intelligent Detection of Anomalous Online Payment Activities in Financial Cyber Protection
	Manpreet Bhatta, Shalu Gupta	Computer Vision and Artificial Intelligence to Precision Plant Pathology: A Review of Leaf

12:15 PM - 1:45 PM		Disease Detection Systems
	Sunita Satapathy, Purbasa Priyadarshini, Satyasis Mishra, Mangaldeep Chakraborty, Trilochan Rout, Bijay Kumar Paikaray	Worm Detection and Classification Using Modified FLICM Segmentation and Machine Learning Models
	Reva Vig, Vinay Kumar Jain, Rakesh Kumar, Manjula Khulbe, Mohammed Siddique, Bijay Kumar Paikaray	Secure Financial Data Sharing Using Blockchain for Basel Regulatory Reporting
	K.A. Asraar Ahmed, V.S. Damodharan, Bijay Kumar Paikaray, Mohammed Mansoor Ahmed Pillai, Prasanna S, Priya L	AI connectedness and mobile shopping behaviour: A Regression-ANN Approach
12:15 PM - 1:45 PM	Gurbhej Singh, Geetika Sharma, Anupam Mittal	Hybrid Deep Learning Framework for Interstitial Lung Disease Segmentation and Classification
	Pallab Banerjee, Ahmad Faraz, Shubham Suman, Mohit Kumar, Princy Diwan, Pawan Kumar Verma	Enhancing Security in IoT Devices through Blockchain Integration
	Pallab Banerjee, Ahmad Faraz, Shubham Suman, Mohit Kumar, Princy Diwan, Pawan Kumar Verma	Artificial Intelligence Impact on Medical Technology: An Extensive Analysis
	Arpita Senapati, Mohammed Siddique, Goutam Kumar Mahato, Bijay Kumar Paikaray, Satyajit Pattnaik, Navya Kakarlapudi	Challenges and Advances in AI-Based Crop Disease Predictionin a Changing Climate: A Systematic Review
	Charu Saxena, Mohanababu Chapa, Girija Nandini, Bhanupriya Khatri, Goutam Kumar Mahato, Bijay Kumar Paikaray	Data Ethics and Privacy in Insurtech: A Qualitative Study in Context of Insurance Industry in India
	Atul O. Thakare, Lambodar Jena, Arvind R. Singh, Narasimha Reddy Soora, Rohit Pachlor	From Static Snapshots to Deep Trajectories: A Comparative Framework for E-commerce Churn-Transition Prediction using Markov Chains, Bi-LSTM, and Transformers
	Ali Gunawan, Richard Wiputra, Muhammad Hakiki, David Sundaram	Designing an Agentic AI Prototype for Corporate Financial Optimization Using Design Science Research
S9/T4	Ali Gunawan, Richard Wiputra, Muhammad Hakiki, David Sundaram	Intelligent Decision Support Systems for Small and Medium Enterprises: A Design Science Approach
	Zahira Salsabila Khairunnisa, Livia Leonardo, Faiza Rasyid, Richard Wiputra	Comparative Evaluation of SVM and Random Forest for Cyber Threat Classification as a Decision Support Tool for Small and Medium Enterprises
	Octiara Adrienne Putry Leong, Nathania Nadhine Djoenarko, Sabrina Eliana Putri, Richard Wiputra	Comparative Analysis of Encoder-Based and Generative Models for Symptom-Based Disease Classification

12:15 PM - 1:45 PM	Nathan Marvelle Tiono, Chandra Tidar Resadewa, Ali Gunawan	Comparative Analysis of Structural and Socioeconomic Factors Influencing Artificial Intelligence-Based Agricultural Systems Across Developed and Developing Countries
	Annapurna Dixit, Geetika Srivastava, Mihir Narayan Mohanty	Artificial Intelligence for Assistive Technology Applications in Pollution and Waste Management Using Machine Learning
	Siddharth A. Krishnan, Saranya Devi B	Autism Detection System using Hybrid Deep Learning: A Comprehensive Study of ViTasd and Hybrid Architectures
	Rochit Madamanchi,Saranya Devi B	Deep Learning-Based Side-Channel Attacks on Masked AES: Comprehensive Evaluation on ASCAD Dataset
12:15 PM - 1:45 PM	Jackulin C, Senthilkumar G, John Moses A, Nirmaladevi K, John Peter J, Karthikeyaraj G	CANDID: A Heuristic-Driven Conversational Agent for Dynamic, Multi-faceted Interview Performance Diagnostics
	Isaivanan P, Vijay Anand R	A Deep Learning and Machine Learning Based Soil Disease Risk Assessment Using Environmental and Nutrient Parameters
	Rohith D, Mahesh Reddy K, Nageswara Rao D, Mr. Jothi Prasad V	Privacy Preservation and Data Security in Health Industry Using Federated Learning
	M. Guna, S. Raja Sethupathy, P. Arulprakash, Dr. C. Balaji, L. M. Lakshmanaperumal	Reducing Overconfidence with a Brief Gamified Feedback Intervention: A Randomized Pretest–Posttest Study
	Kamsu Manikanta Sai, Repalle Gnaneswar, Uppala Krishna Kushal, B. Saranya Devi	InsightGrader: Intelligent Essay/Answer Evaluation with Misconception Tracking and Cognitive Load Insights — A Comparative Analysis
	Naga Venkata Sriram Chodisetty	Adaptive Cost-Aware Hybrid Indexing for Efficient Query Processing in Large-Scale Retail Sales Data
3 PM - 4.45 PM	Kendry Lim, Kingbert Novrian Suwono, Wildan Athallah Raharja, Richard Wiputra	The AI Boom and Memory Chip Price Surges: A Review of Semiconductor Market Dynamics and Industry Implications
	Tharun Karthik, Vijay K, Dr Mohanraj T, Sriramkarthikeyan J, Vikram R	Adaptive On-Device Reading Assistance for Total Blindness
	Pallab Banerjee, Ahmad Faraz, Shubham Suman, Mohit Kumar, Princy Diwan, Pawan Kumar Verma	Computer Vision and its Application in Agriculture using Machine Learning
	Adwaitya Ranjan Nayak,Manaswini Pradhan,Pradeep Kumar	Extended Weighted Voting based Ensemble Classifier for Disease Detection in Agricultural

	Mallick	Crops
	Shreya Makinani, Pankaj Siri Bharath Bairu	Driving Program Success in Supply Chains Through AI Analytics-Driven Strategic Decision-Making
	MUSTAFA AMIR, KOHILA MALAR KALESAMY	YOLOv8-based Instance Segmentation for Accurate Organ and Lesion Delineation in Radiological Images
	Suchismita Mohapatra, Mohit Ranjan Panda	A Secure Single-Camera Squat Posture Analysis System Using MediaPipe Pose, SVM Classification, AES Encryption, and Spatial Watermarking
	Alven Tan,David Azariel Erlan,Ali Gunawan	The Impact of Artificial Intelligence on Business Models in Indonesia: A Systematic Analysis
5.00 PM–5:45 PM: Valedictory Session		
5.45 PM–6.00 PM: Tea & Snacks		

ASSIC 2026: Google Meet Links for Online Paper Presentation

Session/Track	DATE	TIME	Google Meet link
S1/T1	08/08/26	3:00 PM - 4:30 PM	https://meet.google.com/ikm-omdn-hag
S1/T2	08/08/26	3:00 PM - 4:30 PM	https://meet.google.com/fcn-dmts-adg
S1/T3	08/08/26	3:00 PM - 4:30 PM	https://meet.google.com/evd-bhyj-khx
S1/T4	08/08/26	3:00 PM - 4:30 PM	https://meet.google.com/nqz-asjf-zpq
S2/T1	08/08/26	4:45 PM - 6:30 PM	https://meet.google.com/ikm-omdn-hag
S2/T2	08/08/26	4:45 PM - 6:30 PM	https://meet.google.com/fcn-dmts-adg
S2/T3	08/08/26	4:45 PM - 6:30 PM	https://meet.google.com/evd-bhyj-khx
S2/T4	08/08/26	4:45 PM - 6:30 PM	https://meet.google.com/nqz-asjf-zpq
S3/T1	09/08/26	9:00 - 10:45 AM	https://meet.google.com/ikm-omdn-hag
S3/T2	09/08/26	9:00 - 10:45 AM	https://meet.google.com/fcn-dmts-adg
S3/T3	09/08/26	9:00 - 10:45 AM	https://meet.google.com/evd-bhyj-khx
S3/T4	09/08/26	9:00 - 10:45 AM	https://meet.google.com/nqz-asjf-zpq

S4/T1	09/08/26	11 AM - 12:45 PM	https://meet.google.com/ikm-omdn-hag
S4/T2	09/08/26	11 AM - 12:45 PM	https://meet.google.com/fcn-dmts-adg
S4/T3	09/08/26	11 AM - 12:45 PM	https://meet.google.com/evd-bhyj-khx
S4/T4	09/08/26	11 AM - 12:45 PM	https://meet.google.com/nqz-asjf-zpq
S5/T1	09/08/26	1:45 PM - 3:30 PM	https://meet.google.com/ikm-omdn-hag
S5/T2	09/08/26	1:45 PM - 3:30 PM	https://meet.google.com/fcn-dmts-adg
S5/T3	09/08/26	1:45 PM - 3:30 PM	https://meet.google.com/evd-bhyj-khx
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S6/T4	09/08/26	3:45 PM - 5:30 PM	https://meet.google.com/nqz-asjf-zpq
S7/T1	10/08/26	9:00 - 10:45 AM	https://meet.google.com/ikm-omdn-hag
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S7/T3	10/08/26	9:00 - 10:45 AM	https://meet.google.com/evd-bhyj-khx

S7/T4	10/08/26	9:00 - 10:45 AM	https://meet.google.com/nqz-asjf-zpq
S8/T1	10/08/26	10:45 AM - 12:15 PM	https://meet.google.com/ikm-omdn-hag
S8/T2	10/08/26	10:45 AM - 12:15 PM	https://meet.google.com/fcn-dmts-adg
S8/T3	10/08/26	10:45 AM - 12:15 PM	https://meet.google.com/evd-bhyj-khx
S8/T4	10/08/26	10:45 AM - 12:15 PM	https://meet.google.com/nqz-asjf-zpq
S9/T1	10/08/26	12:15 - 1:45 PM	https://meet.google.com/ikm-omdn-hag
S9/T2	10/08/26	12:15 - 1:45 PM	https://meet.google.com/fcn-dmts-adg
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S9/T5	10/08/26	12:15 - 1:45 PM	meet.google.com/nis-ayes-tcn
S10/T1	10/08/26	3:00 - 4.30 PM	https://meet.google.com/ikm-omdn-hag