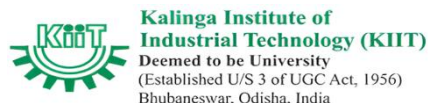


3rd International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC 2025)

(16th - 18th May, 2025)

Organized by



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CONFERENCE SCHEDULE

8.30 AM - 9.30 AM	Registration & Breakfast
9.45 AM - 10.30 AM	Inauguration Ceremony
10.30 AM - 11 AM	High Tea
11.15 PM - 12 PM	Keynote Talk- I
12.15 PM - 1 PM	Invited Talk- II

1:00 PM - 2:00 PM: LUNCH BREAK

PAPER PRESENTATION SCHEDULE

DAY-1 (Friday, 16.05.2025)

Time & Session / Track	Paper ID	Authors Name	Paper Title
2.15 PM to 3.45 PM S1/T1	204	Pabitra Mohan Sethi, Hitesh Mohapatra, Asish Kumar Dalai, Pravinkumar Bhujangrao Landge, Soumya Ranjan Mishra	Deep Learning-Based Violence Detection: A YOLO V7 Approach for Real-World Security Applications
	234	Savvy Jatana, Swati Samantaray	Revolutionizing Healthcare: Lessons from Big Hero 6 and Baymax in AI and Robotics
	283	Ansh Raj, Swati Samantaray	Artificial Intelligence in Oncology: Understanding the Role of AI in Cancer Diagnosis
	304	Minakhi Rout , Krish Batra, Shubh Mittal	Advanced Methods for Addressing Imbalanced Datasets in Bone Fracture Detection
	328	Satya Ranjan Dash, Tharushi Dewimini, E.M. Hiruni Ekanayaka, M.F Hammam	Automatic Extractive Text Summarization for Sinhala Language using TextRank, TF-IDF and Fuzzy clustering algorithms
	436	Debanwita Dutta, Anjana Raut, Swati Samantaray, Aviroop Roy	Speech Recognition Systems in Healthcare: A Journey towards Transformation
2.15 PM to	443	Nikul Zinzuvadiya, Soumya Ranjan Mishra, Hitesh Mohapatra, Pranita Mohapatro	Detecting AI-Generated Images Using Contrastive Learning with Momentum Contrast (MoCo) Framework
	451	Niyati Sahoo, Sanjukta Mohanty, Arup Abhinna Acharya	Enhanced Underwater Object Detection using YOLO Models for Robust Marine Ecosystem Monitoring

3.45 PM S1/T2	452	Kumar Santosh, Sarthak Shukla, Sanjukta Mohanty, Arup Abhinna Acharya, Namita Panda	High Order Automatic Design of Agentic Systems
	453	Debabrata Sahoo , Sanjukta Mohanty, Anuradha Rani Choudhury, Namita Panda, Arup Abhinna Acharya , Soumyaranjan Das	AI-Driven Dynamic Pricing System
	458	Adyasha Dash, Lipika Mohanty, Subhashree Darshana, Sujal Gupta, Rounit Kumar Singh, Rishav Raj	Shot Detection and Performance Analysis in Cricket: A Deep Learning Perspective
	461	Manas Ranjan Acharya, Sarita Tripathy, Prasant Kumar Pattnaik	Dynamic Resource Allocation for Latency Optimization and Energy Efficiency in Fog Computing: A Comparative Analysis Across Cloud, Edge, and Hybrid Architectures
	462	Ashyashree Praharaj, Dr. Jayalaxmi Samal	The Evolution of Machine Learning (ML) in Decision-Making: A Comprehensive Bibliometric Analysis
	470	Shradhanjali Dash, Soumya Ranjan Mishra, Hitesh Mohapatra, Karri Chandra sekhar	Brain Tumor Detection and Classification in MRI Images Using SWIN Transformer
2.15 PM to 3.45 PM S1/T3	517	Debanksh Guha, Pratyusa Mukherjee, Suraj Kumar Saw, Gurvendra Singh, Satyam	A Practical Implementation of Zero Trust Architecture for Securing Web-Based Applications
	518	Swati Samantaray, Subhashree Rout, Rajeev Kumar Panda	The Digital Divine: Exploring the Synergy of Cyberspace and Spirituality
	529	Subhashree Rout, Swati Samantaray	The Digital Revolution: ICT as a Catalyst for Empowering Women and Bridging the Gender Disparity
	532	Debanwita Dutta, Swati Samantaray, Anjana Raut, Arun Kharavela Mohanty	Smart Healthcare: The Catalytic Role of AI in Transforming Diagnosis and Care
	536	Ashutosh Dash, Aayushi Dutta, Ajit Kumar Pasayat	Exploring Consumer Sentiment and Key Satisfaction Factors in Refurbished Smartphones
	568	Barsha Sadhu, Tanushree Khasnobish, Satya Ranjan Dash, Paola Barra, Vinh Truong Hoang	The Inferential Strength of Music: Machine Learning towards Mental Health Estimation.
	569	Gourab Biswas, Priyanshu Ranjan, Nishant Kumar Chaubey, Arup Sarkar	Understanding Blockchain Consensus Mechanisms: A Review of Existing Approaches and Innovations
3:45 PM – 4:00 PM: TEA BREAK			
4 PM to 5.30 PM S2/T1	638	Yoginee Surendra Pethe, Mandip Sah, Himansu Das	Feature Selection for Software Fault Detection using Firefly Algorithm
	592	Achinta Kumar Palit, .Pratyusa Mukherjee	Secure Net: Leveraging Machine Learning to curb Cyber Attacks
	639	Yoginee Surendra Pethe, Hariom Gupta, Himansu Das	Feature Selection for Software Fault Prediction using Binary Grey Wolf Optimization Algorithm
	716	Sayed Sajid Ali, Gitanshu Choudhary, Gautam Kumar, Anuja Kumar Acharya	Cricket Score Prediction Using Machine Learning
	717	Sadia Akter Poly, Anuja Kumar Acharya	Multi-attention Based Mechanism for the Automatic Radiology Report generation
	790	Mandakani Mishra, Rohit Raj Pradhan, Kesab Agrawalla, Raveendranadh Bokka	AI for Cybersecurity Threat Detection: A Machine Enabled Computing Perspective
	798	Soumya Sahoo, Sukant Kishoro Bisoy, Pradeep Kumar Mallick, Satyam	Evolutionary Algorithms for Cardiovascular Disease Prediction: A Comprehensive Review

4 PM to 5.30 PM S2/T2	7	S. Nandhinidevi, Harini P, Kabisa P, Haridha M	Performance Enhancement of CNN and LSTM Models for Brain Tumor Detection with GA and PSO Optimization
	11	Sahil Chavan, Chudaman Sukte, Amol Suryawanshi, Somesh Chincholkar, Shreyash Chile, Parth Garud	Bi-LSTM Approach for Forecasting Passenger Demand in Indian Rural Bus Systems
	13	Kartik Deshpande, Jayesh Khadke, Ansh Jain, Parkavi K	A Comparative Analysis of Machine Learning Algorithms for Stock Portfolio Optimization
	14	Anil Kumar Meher, Deepti Mishra, Girija Nandini, Tulika Singh, Abhaya Kumar Sahoo	Role of AI in Shaping Industry 5.0: A Transformative Journey
	18	Soumya Samarpita, Rabinarayan Satpathy, Gopikrishna Panda, Rudra Prasanna Mishra	Machine Learning-Based Extraction and Classification of EEG Signals Using PyEEG Module
	19	Shyam Sunder Agrawal, Saloni Raheja, Nitin Goyal	Investigations on Improvement of Digital Financial Literacy on MSMEs: A Post-COVID-19 Analysis
4 PM to 5.30 PM S2/T3	22	Vashudhar Sai Thokala, Sandeep Gupta	Integrating Cloud Infrastructure for Scalable Web Applications: Insights from AWS, EC2, and S3
	25	Ramkrishna Ghosh, Suneeta Mohanty, Prasant Kumar Pattnaik, Sabyasachi Pramanik, Sankar Karmaker, Dipak Kumar Jana	Patient Health Surveillance System for Acute Kidney Disease Prediction Applying Machine Learning Approaches
	30	Ponnurajan P, Dhiliphan Rajkumar T, Balakrishnan D	Evaluating Crop Yield Prediction Performance in a Federated Learning Environment Using Ensemble and Machine Learning Algorithms
	49	Kunal Vishwa Sivakumar, Rajesh M	EMOSENTAI: Multimodal Integration And Cross Cultural Sensitivity In Understanding Sentiments Across Tamil-English Tweets
	50	Sasmita Rout, Karthik Alaparathi, Shaik Arief Ahamad Sharief, Saidev Chakka, Thalam DevaRaj, Basina Deepak Raj, Debabrata Senapati	A Comparative Analysis of Different Machine Learning Techniques to Predict Stock Price
	51	Sudharshana B, Nandhini V, Akila Gandhi G S ME	A Comprehensive Review of LLM Neural Network Enhancements for Advanced Driving Assistance Systems through Quantization
	94	Aakash G, Abdul Afsar S, Rohini M	Real-Time Monitoring System for Predicting Smart Grid Stability Using Machine Learning
	100	Abdul Afsar S, Aakash G, Rohini M	EfficientNet based Framework for Car Destruction
5.30 PM - 6 PM : TEA & SNACKS			

PAPER PRESENTATION SCHEDULE

DAY-2 (Saturday, 17.05.2025)

8.30 AM - 9 AM : Breakfast

Time & Session / Track	Paper ID	Authors Name	Paper Title
9.15 AM to 10:45 AM S3/T1	110	Immaculate Joy S, Ajay Kumar V, Chaitanya T	A Voting System That Is Anonymous And Is Based On The Deep Learning Mechanism The CNN
	111	Mr. M Praveen, Abishek M, Kowshik V	Understanding CMOS Architecture: A Deep Dive into Corporator Design
	112	Ranjana Agrawal, Divyam Dholwani, Aardra Patil, Vijit Ayush Pandey, Sophiya Ahmad, Swapnaja Magarde	Optimizing Engineering Student Guidance:An NLP Approach
	113	VIKESH P, Dhiliban R, Dr K Chanthirasekaran	A Machine Learning Approach to Lung Disease Identification: Combining X-Ray and Auscultation Data
	114	Vashudhar Sai Thokala, Sandeep Gupta	Analysing the Impact of Cloud-Native Architectures on Web Application Performance Using AWS Lambda
	118	Manikandan K, Prabakar S, Praveenkumar P, Rubini R, Srinithya R	Smart Care: IoT-Based Health Monitoring System for Paralysis Patient Management
	120	Dr.A.Bajulunisha, M.Surya, Dr.D.Senthil Kumar	Optimized Reinforced Deep Learning Routing Algorithm - MANET
9.15 AM to 10:45 AM S3/T2	123	Kruthika Paulraj, Dr.N Satish, Gayathri S, Meena V	AI-Powered Big Data Analytics for Personalized Learning in Education
	127	Arokia Nerling Rasoni G, L Puneeth Kumar Reddy, Shaik Nayab Basha, Purusothaman C	AI vs Real: A deep learning approach to identifying AI-Generated Images
	129	Irakam Chaitanya, O Charan, G. Keerthiga	Secure Multi-Modal Biometrics with CNN: Integrating Signature, Face, and Fingerprint Authentication
	130	Mukil L.D., Nayantara Varadharajan, Divya K V	Streamlining C Compilation: Harnessing Different Optimization Techniques
	136	Abishek Udayakrishna S, Ganeshkumar A, A. J. Heiner	A Technique Based on Transfer Learning For AI-Driven Brain Tumour Categorisation
	177	Prithivi k, Madhumathi V, Kanishka S, Akash A, Mrunalini T	A PROPOSED SINGLE INPUT MULTIPLE OUTPUT DC-DC CUK CONVERTER USING MACHINE LEARNING FOR AUTOMOTIVE APPLICATION
	183	Bhushan Chaudhari, Sushrut Patil, Vedant Ranalkar, Gayatri Rana, Riya Pawar	Automated Criminal Identification System Using Advanced Facial Recognition Techniques
9.15 AM to 10:45 AM	190	Rahul Vadisetty	Navigating Copyright and Fair Use in AI Training Data: Legal Challenges and Future Solutions
	191	P Vinayagam, Kanagamalliga S, Syed Abudahir A, Mohammed Asan Sithik	Improving Sleep Quality Analysis in IoT-Based Smart Healthcare Systems with Hunger Games Search Optimization and Deep Learning
	192	P Vinayagam, Kanagamalliga S, Syed Abudahir A, Mohammed Asan Sithik	Delving into IoT-Based Smart Meters for Industrial Energy Optimization

S3/T3	194	Samali Rajderkar, Harshwardhan Sawant, Trupti Baraskar	Potato and Tomato Crop Disease Prediction Using Advanced Machine Learning Techniques
	196	Dharun Prakash S R, Guru Prasath M, Aswathi KP	AI-Powered Waste Segregation System for Visually Impaired Individuals
	223	J Harihara Subramanian, K.V. Nagaraja, Meena Belwal	Post Quantum Computing Cryptography Key Generation: An Lenstra-Lenstra-Lovasz (LLL) Approach
	238	Bhushan Chaudhari, Anushka Potdar, Darshan Badgujar, Aadil Shaikh	Water Quality Assessment with Multivariate Analysis
11:00 PM to 12:30 PM S4/T1	243	Mahak Shah, Akaash Vishal Hazarika, Meetu Malhotra, Sachin C. Patil, Joshit Mohanty	Bridging Emotions and Architecture: Sentiment Analysis in Modern Distributed Systems
	252	Ajas Shaik	Artificial intelligence-Based Intrusion Detection Systems for Enhancing Firewall Security and Preventing Cyber Threats
	255	Vinod Kumar S, Jayadarshini V, Joshita Umanath, Kumar P	Categorize EEG Signals from brain to text
	278	Vijayalakshmi M, Aayush Anshul, Kishu Raj Tyagi	FixField Advancing Weed Detection System Using Convolutional Neural Network Integrated with IoT Device
	296	Mohammed Waseem Ashfaq, Baidaa Hamza Khudayer, Charansing N. Kayte, Babasaheb Ambedkar	Investigating the Advancement from Chalkbot to Chatbot: A Transformative Study of AI-Powered Classrooms in Educational Institutions
	302	Rukmini Maiti, Vibhav Prakash Singh	Source Camera Model Identification Using Deep Features and Ensemble Learning
11:00 PM to 12:30 PM S4/T2	314	Kumaran P, Ajay Teja Ramakuri, Sudha P	Detection of Anthracnose and Black Sooty Mold Diseases in Mango Leaves Using Feature Extraction and Machine Learning Techniques
	326	Ashish Joon , Rajarshi Tarafdar, Sumeet Mathur, Himanshu Sinha	Leveraging Artificial Intelligence for Enhanced Efficiency in the Semiconductor Manufacturing Process Optimization
	327	Ashish Joon , Saurabh A. Pahune, Sumeet Mathur, Samyukta Rongala	Designing Predictive Analytics Frameworks with ML for ERP-Supported E-commerce Systems
	330	Mohammad Hafiz bin Ismail, Tajul Rosli Razak, Ruzita Ahmad	A Lightweight Web-Based Filter for Detecting and Moderating Scary Images with CNN
	335	Konjarla Sripriya, Likhitha Sri Kandukuri, Singadi Srujan Reddy, Meena Belwal	Smart Adaptive Headlight System Using Independent Light Sensing
	340	Chandra Bikram Shah, Putcha Sai Kiran, Panthadeep Bhattacharjee, Arun Kumar	Outlier detection using density-based clustering: A comparative study of LOF and ARDOD algorithms
	342	Asi Kuushalie, C V Sree Pranavi, Velumury Varshita, Meena Belwal	Integrated Disaster Detection System for Flood and Fire
11:00 PM to 12:30 PM S4/T3	343	Sanay Santh V, Santhwana Santhosh Kumar, Gayathri Mohandas, Keshav Padmakumar, Meena Belwal	Real Time Weather Monitoring System
	349	Bakaraniya Parul V., Dr. Mamta C. Padole	Multi-Class Deep Learning Architecture for Differential Diagnosis of Parkinson's disease and SWEDD Using T2-Weighted MRI Features
	363	B Kiran Kumar, A Durga Praveen Kumar, M Rekha Sundari, D Tejaswi, Dogga Ashwani, Saurabh Bilgaiyan	Automated Cryptographic Weakness Discovery: A Reinforcement Learning Approach for Adaptive Cryptanalysis
	373	Qiufan Wu, Aofan Liu	FDLLaMa: Unlocking the Potential of Finance-Aware LLaMA in Combating Fraud
	376	Munna Prasad Gupta, Penmatcha Ganga Puneeth, Aryan Kumar Sah, Akarsh Surya Venkat, Meena Belwal	Advanced Border Security Solution: Comprehensive Monitoring System Combining Ultrasonic Sensors, Radar Detection, and Instantaneous Bluetooth

			Tracking
	393	Zuzer Chathiwala , Husen Lakdawala, Kavya Patel, Himanshu Avashthi, Sejal Shah, Muktesh Chandra	Alpha Thalassemia: A Machine Learning-Based Classification Study
	394	Anavivab Kar, Bhaswati Sahoo, Prasant Kumar Pattnaik	A Review on Real-Time Sitting Posture Detection Using Hybrid Deep Learning Techniques
	398	Yug Trivedi, Khushi Kansara , Kavya Patel , Jaikumar Singh, Sejal Shah, Muktesh Chandra	Prediction of Alzheimer's Disease using Machine Learning Models
12.30 PM - 1.15 PM: (Invited Talk- III)			
1.15 PM - 2.15 PM: LUNCH BREAK			
2.45 PM - 3.30 PM: (Invited Talk IV)			
3.45 PM to 5.30 PM S5/T1	408	Kshitiz Chandra, Panthadeep Bhattacharjee	FSAs: A qualitative analysis of various friend suggestion algorithms in social networks
	411	Heerak Vora, Param Pathak, Parul Bakaraniya	DRiVE: Dynamic Recognition in VEHICLES using snnTorch
	418	Sitikantha Chattopadhyay, Suchismita Roy	Hardware Trojan Detection using Supervised Learning Techniques
	422	Panthadeep Bhattacharjee	CDCNAs: A comparative study of community detection algorithms in complex networks
	424	Daffa Gusti Ramadhany, Alexander Agung Santoso Gunawan	Implementation of a Smart Agriculture System in Hydroponic Lettuce Cultivation Using a Fuzzy Logic Approach
	425	Nikhilesh Sawarkar	AI Powered Railway Sanitation A Unified System for CDTs ZDTs and Bio Toilet Optimization
	427	Akbarsagari Mohammad Fazil, Pallapolu Sai Vardhan Reddy , Jaini Eswar, Dr. S. Prabakeran	Hybrid Machine Learning Model to Detect and Mitigate EMAIL Phishing Attacks
	811	Suraj Dehury, Ujjwal Singh, Biswajit Sahoo	A Futuristic Exploration on Embedded Sensory based Computing in Precision Agriculture
	814	Manas Kumar Swain, Narendra Kumar Kamila, Lambodar Jena, Raveendranadh Bokka	AutoGluon- Assisted Multi-Stage ML Pipeline for Early Diagnosis of Complex Diseases using Genomic and EHR Data
3.45 PM to 5.30 PM S5/T2	439	Satyananda Swain, Swarupa Pattanaik	Internet Gaming Disorder Classification(IGDC 1.0): A Structured Evaluation of Machine Learning Models Leveraging "SMOTE"
	440	Luka Jovanovic, Marko Stankovic, Miodrag Zivkovic, Milos Antonijevic, Svetlana Andjelic, Nebojsa Bacanin	Modified Metaheuristics for Intrusion Detection in the Internet of Things
	446	Nandagopal Parise	A Novel Artificial Neural Network Approach for Predicting Development Effort Using Use Case Points
	459	Poojan Shah, Yogesh Kumar, Tanmay Bhowmik	Deep Learning for Arthritis Diagnosis: Current Progress in Osteoarthritis and Rheumatoid Arthritis Detection
	471	Avinash Sharma, Sahil Rampal, Prince Arora , Mirza Shuja, Dr. Rini Saxena , Dr. Prachi Garg	Optimizing Surgical Workflow: Deep Reinforcement Learning for Real-Time Instrument Guidance and Decision Support
	566	Naga Charitavya Madala, Sai Durga Saradhi Pranu Deepak Tallapudi, Venkata Srikari Malladi, Rajiv Senapati	Graph Fusion Sentiment Analyzer: Integrating Heterogeneous GNNs and Transformers for Enhanced Social Media Sentiment Analysis
	570	Anirudh Pradhan, Sipra Mohanty, Chirantan Beura, Paola Barra, Satya Ranjan Dash	Glaucoma Detection Using Convolutional Block Attention Module (CBAM) for ROI-Focused Fundus Image Analysis

	783	Parri Srihar, Rasaabathuni Sai Narendra, Itte Sai Durga	Adaptive Weighted Fusion of EfficientNetV2 for Acute Lymphoblastic Leukemia Detection
	809	Subhashree Sahu, Hrudaya Kumar Tripathy, Sushruta Mishra, Jnyana Ranjan Mohanty	Smartphone Preference Prediction: Understanding Selection Trends Across Different Age Groups
3.45 PM to 5.30 PM S5/T3	571	Ganga Srinivas Gollapalli, Madhukar sai Babu Gadde, Maruti Mahesh Gadde, Bogesh Uppuluri, Rajiv Senapati	Enhancing Coral Reef Restoration: Integrating YOLOv8 and Deep Learning for Real-Time Monitoring and Intervention
	572	Rahul Vadisetty, Anand Polamarasetti, Mahesh Kumar Goyal, Sateesh Kumar Rongali, Sameer kumar Prajapati, Jinal Bhanubhai Butani	Generative AI for Creating Immersive Learning Environments: Virtual Reality and Beyond
	573	Rahul Vadisetty, Anand Polamarasetti, Mahesh Kumar Goyal, Sateesh Kumar Rongali, Sameer kumar Prajapati, Jinal Bhanubhai Butani	Cloud-Based Immersive Learning: The Role of Virtual Reality, Big Data, and Generative AI in Transformative Education Experiences
	574	Rahul Vadisetty, Anand Polamarasetti, Mahesh Kumar Goyal, Sateesh Kumar Rongali, Sameer kumar Prajapati, Jinal Bhanubhai Butani	Blockchain and Generative AI for Cloud Security: Ensuring Integrity and Transparency in Cloud Transactions
	578	Battula.Sunil, Dr. K. Nageswara Rao, Dr.Siva Kumar Pathuri	Object Detection-Driven Image Captioning: Integrating YOLO with Natural Language Processing
	579	Dr. Kumaran P, Vivek Siddharth Vemula, Trivikram Reddy Bandi, Nithin Dharavath	Visual Voice:An AI powered lip reading technology
	589	Muhammed Hashir Nihal, Sanjay S Bankapur	Real-Time Tree Cutting Detection for Surveillance Using YOLO
	771	Ooi Zhen Zhi, Muhammad Ehsan Rana, Vazeerudeen Abdul Hameed	Interactive Sports Application to Improve Motivation in Physical Activity Using Gamification and Cryptocurrency Incentives
	785	Venu Gopal K, Srinivasa Sai Abhijit Challapalli, Faheemullah Fathemullam, Vincent Tony Blair V, Sri Lakshmi V, Mahesh V	Privacy-Preserving System for Image Analytics in Cloud Environment using Autoencoders
5.30 PM - 6 PM : TEA & SNACKS			

PAPER PRESENTATION SCHEDULE

DAY-3(Sunday, 18.05.2025)

8.30 AM - 9 AM : Breakfast

9.30 AM to 11 AM S6/T1	597	Shalini Polamarasetti, Manikanta Rajendra Kumar Kakarala, Mahesh Kumar Goyal, Jinal Bhanubhai Butani, Sateesh Kumar Rongali, Sameer kumar Prajapati	Designing Industry-Specific Modular Solutions Using Salesforce OmniStudio for Accelerated Digital Transformation
	598	Shalini Polamarasetti, Manikanta Rajendra Kumar Kakarala, Harshini Gadam, Jinal Bhanubhai Butani, Sateesh Kumar Rongali, Sameer kumar Prajapati	Enhancing Strategic Business Decisions with AI-Powered Forecasting Models in Salesforce CRMT
	599	Shalini Polamarasetti, Manikanta Rajendra Kumar Kakarala, Sameer kumar Prajapati, Jinal Bhanubhai Butani, Sateesh Kumar Rongali	Exploring Advanced API Strategies with MuleSoft for Seamless Salesforce Integration in Multi-Cloud Environments
	606	Vyshnav Raj C, Jeff Emerson Mathew, Mohammed Minan Sharafudheen, Ansuman Mahapatra, Jayasri Lakshmi S	Flood Water Level Classification from UAV Images Using Vision Transformer
	622	Rajeev Varma Rajakakarlapudi	AI-Based Predictive Maintenance for 5G Infrastructure Using Digital Twins
	623	Rajeev Varma Rajakakarlapudi, Rahul Vadisetty	Generative AI for Adaptive Network Slicing in RedCap 5G Networks
	624	Rajeev Varma Rajakakarlapudi	AI-Based Dynamic Spectrum Allocation for Hybrid Satellite-5G Networks
9.30 AM to 11 AM S6/T2	642	Sanjay Kumar, Nadella Ujwala, Jayyavarapu Yaswanth Sri Ram	An Ensemble Learning Framework for Reliable Detection of Wormhole and Sinkhole Attacks in Cybersecurity
	695	Priyanka Nair, Devesh Kumar Srivastava, Roheet Bhatnagar	Advancing Iron Composition Analysis in Kiriburu: Integrating Deep Embedded Clustering (DEC) with Spectral Unmixing of Hyperion Data to Minimize Misclassification
	711	Rajeev Varma Rajakakarlapudi	Generative AI for Predictive Beamforming in Satellite-Based Internet Services
	740	Teja krishna Kota	Multi-Cloud Data Engineering for Scalable GenAI-Driven Medical Insurance Analytics
	741	Samyukta Rongala, Rahul Vadisetty	AI-Powered Fraud Detection in Financial Transactions: A Machine Learning Approach Available
	750	Ishaan Sharma, Sheena Angra, Rahil Sharma, Avinash Sharma, Bhanu Sharma, Rini Saxena	Exploring the Integration of Immersive Technologies in Interior Design: A Comprehensive Study
	694	Manvi Dhull, Aniruddha Dewangan, Ishpreet Kaur Khalsa, Vedika Gupta, Chanchal Biswas, Anil Carie	Automated Summarization of Legal Texts: Evaluating Individual and Ensemble NLP Models
9.30 AM to 11 AM	307	Neet Lathiya, Neel Patel, Himanshu Gajera	Attention-Enhanced Deep Learning for Accurate Plant Disease Detection
	268	A. Sangeetha, G.Bhanu Rekha, Devadi Biswas, P.Rakesh, R.Geethika	Intelligent Cardiac Disease Detection and Risk shield System Using MI Algorithms
	647	Soleti Navya, Hafeena Mohammad ,Sailakshmi Lakkakula, Alluri Gopi, P. S. Bharati, Panchareddy Nishitha	Improving Neonatal Care with NEONATALAI: A Comprehensive Deep Learning Framework for Early Prediction and Diagnosis of Neonatal Diseases

S6/T3			in Intensive Care Units
	649	Soleti Navya, Anil kumar Gona, Hafeena Mohammad , Tuniki Sarika, Talla Mounika, P. Nishitha	AI-Enhanced Chatbots: Transforming Human-System Interaction Through Advanced Technologies
	651	Panchareddy Nishitha, Tuniki Sarika, A Ashwini , Talla Mounika, Jada Sunil Kumar , Soleti Navya	Design and Development of an E-Commerce Application for Direct Farmer-to-Consumer Agricultural Trade
	652	Raveendranadh Bokka, Dayala Veekshitha Priya , Gogu Srikanth, Padma Parshapu, Nune Satya Sai Kumar, Konda Jahnavi	AI-Driven Real-Time Surveillance for Dynamic Activity Monitoring
	653	An Efficient Hybrid Model based on Deep Learning technique for Stock Price Prognostication	Raveendranadh Bokka , Mohammed Musaib Rahil Ali, Chede Mouryashrith, Gundeti Srinivas, Kommula Dharani Sai Kumar, Rampuram Himaithika
11.15 AM - 1 PM S7/T1	654	Raveendranadh Bokka, Keshamoni Shruthi Sai , Shaik Afroz, J.Phani Prasad, Molumoori Yeshwanth, Samaji Akhil	Survey on YOLO-Driven Real-Time Detection of Helmet and License Plates in Traffic
	655	A Nagamani, K. Siva Sai, B. Sai Kumar, Hari Shankar Punna, Md. Shafi, K. Chandra Sekhar	Online Sports slot reservation system with Realtime Weather based pricing and team matching
	657	N. Shirisha, G. Vasanthi, K.Anuradha, P. Sai Shashank, P. Jayanth Sai Kiran, M. Dinesh	Facial Recognition for Locating Missing Child Using CNN Algorithm
	658	N. Shirisha, P. Sandeep, Nellore Sudha , P. Himabindu , S. Dhanush Ram Sai, A. Ganesh	Plasticart: Revolutionizing Plastic Recycling through Technology using Advanced Classification Methods
	659	Ajmeera Kiran, Mohammed Zaheer Anwar , U. Shiva Samyuktha , SABITHA VALABOJU, M. Mounika , M. Abhishek Reddy	Advanced Traffic Flow Optimization for Intelligent Transportation System
	660	A.Swathi, Pothuganti Priyanka, Samala Sneha , Venkata Ramana Banka, Guguloth Sagar, Rehana Shaik	Enhanced Deep Fake Detection Using Deep Learning
	662	Ajmeera Kiran, P. Abhijit, V. Goutham Chary, B Kiran Kumar , Y. Venkata Shivamani, R. Vivek	Real-Time Urban Flood Forecasting and Alert System
	770	Zhi Wei Low, Muhammad Ehsan Rana, Vazeerudeen Abdul Hameed	Cloud-Based Deep Learning: Technologies, Challenges and Impact on Modern Data Science
11.15 AM - 1 PM S7/T2	663	Ajmeera Kiran, Chinthamalla Lavanya , D. Arunsai, V. Shalini, P. Shyam Koushik, A. Varun Kumar	Secure Biometric Voting System Using Deep Learning and IoT
	665	B.Vijaya Kumari , Vishwanath Bijalwan	An Overview of Integrative Approaches Combining ADE and LASSO for Feature Selection in Ovarian Cancer Detection
	666	P.Victor Emmanuel , G. Harsha Vardhan Reddy, G. Harsha Vardhan Rao, Soumya Sahoo, P. Manoj, Hafsa Aliya	AttendEase: The Next Gen Attendance System
	668	S K Lokesh Naik, M. Sai Pavan, Vadapally Praveen Kumar, A. Pavan kumar, D. Yuva Kiran Naik, A. Veeresh	Developing A Blockchain Based Framework for Safeguarding Banking Transactions
	671	K. Pushpa Rani, Mohammad Saniya , E. Karthik Raj ,Pratyush Kumar Nayak , K. Mahesh , G. Revanth Reddy	Analysis and Prediction of Mental Disorder using Ensemble Learning
	672	K. Pushpa Rani, Y. Sree Harshita, N. Charulatha Reddy, M. Surendranath, P. Kalyan Kumar	Hate speech detection based on deep learning by fusion approach
	673	B. Murali Krishna, Sandhya Sara, Pulakanti Reena, Sri Sai Tejasvi, Sarla Bharath Chandra	EchoSign-Integrating Sign Language into Text and Speech
11.15 AM - 1	769	Nicholas Sun, Muhammad Ehsan Rana, Kamalanathan Shanmugam	Recommendations for Developing a Low-Cost Smart Refrigerator with Predictive Spoilage Alerts

PM S7/T3	674	S Lingaiah, A.Niveditha, Ch.Vamshi, Devadi Biswas, T. Bhargav, G.Karthikey	Predictive Autism Analysis: Integrating CNN and RNN with Ensemble Learning
	675	Allam Balaran, M. Srivani, T.Sirisha, T.Abhiram, Y.Shalene, T.Deekshitha	Earthquake Prediction using CNN Algorithm
	676	K Sowjanya Bharathi, Allam Balaran, Hema Manepally, Eshwari Bhanuja Undru, Dasari Ravi Charan, Annam Harini	Environmental Feature Selection for improving Accuracy in Crop Prediction using Machine Learning Algorithms
	678	R. Madhu, Sindhu Boianapalli, Avhilash Tripathy, N. Ranga Madhav, Naymathabad Vishal, Harshith Varma Gopathi	Real Time Sign Language Translator for Speech Impaired
	683	P. Santhosh Kumar, K. Swathika, D. Sai Teja, Soumya Sahoo, B. Chanti, P. Sahana	Stress detection through Facial expressions and Personalized recommendations using machine learning
	684	B. Veda Vidhya, K. Geetha, Ajmeera Kiran, Pratyush Kumar Nayak	Agro Hydrological Crop Yeld Prediction
	767	Hemalata Vasudavan , Rosiane Alves Palacios, Niyazi Karubulut	Smart City and Social Cohesion: Opportunities and Challenges for the Global South
	768	Muhammad Ehsan Rana, Kamalanathan Shanmugam, Vazeerudeen Abdul Hameed, Brayden Yee Kai Zer	Revolutionizing Malaysian Agriculture with Ubiquitous Technologies: Bridging the Gap Between Tradition and Innovation

1 PM - 2 PM: Lunch

2.15 PM to 3.45 PM S8/T1	685	K. Shekar, K.Kasi Viswanadh,V.Srujan Varma, K.Veda Sri, S.Aditya, Soumya Sahoo	AI-Powered Video Edit Pro
	691	S K Lokesh Naik, J. Soundharya, E. Lohitha, M.RatnaSirisha, J. Mallesh	A Deep Learning Based Security Enhancements in Software Defined Networks
	697	Kora Swetha, Dr. Vishwanath Bijalwan	Early Detection of Heart Attacks: Unravelling Mechanisms and Enhancing Accuracy Through Tuned Machine Learning And Optimized Ann Algorithms
	698	D. Divya Priya, M. Naga Sreeya, A.Sanjana, Maddhi Sunitha, P. Sarayu, M. Kista Swamy	Revolutionizing Organ Allocation: A Blockchain Approach to Transparency and Security
	699	I.Sapthami , Y.Meghana, A.Nikitha, S.B.Pavan Kalyan , G.Karthik	Securepath: A Women-Centric Mobile Application for Personal Safety and Emergency SOS Assistance
	726	V. Sai Krishna, K.Manasa, Janumpally Sreeja, Annangi Jaswitha, Sola Nandita, Kotturi Sai Swethan	DeepDerm: Skin Cancer Detection using Deep learning
	441	Atul O. Thakare, Narasimha Reddy Soora, Lambodar Jena, Arvind R. Singh, Aditya Pai H, Rohit Pachlor	Hate Speech Detection in Social Media Data Using Big Data Analytics
2.15 PM to 3.45 PM S8/T2	627	Amit Thakur, Nilamadhab Mishra	AI-Driven Synthetic Data Generation Using Conditional GANs to Mitigate Class Imbalance in COVID-19 X-Ray Imaging
	629	Amit Thakur, Nilamadhab Mishra	COVID-19 Prediction Using Cultural-Optimized Neural Network Classifier
	630	Damodharan V.S., K.A. Asraar Ahmed, Bijay Paikaray, Tankala Sai Prasanth, Kasi Pradeep Kumar, Priya Lakshminarasimhan	AI-Enhanced Smartwatches: Bridging Technology, Behavior, and Continuous Usage
	641	D.Balakrishnan, Umasree Mariappan, Hariharasitaraman.S, Nilamadhab Mishra	Hybrid Fog and Cloud Integration: Balancing Performance and Energy Consumption Using Machine Learning Techniques
	643	Chintha Reddy Sai Kiran,Hariharasitaraman S, Sajjad Ahmed, Ajay Kumar Phulre	Zero-Day Malware Detection using Autoencoder and Hybrid Deep Learning Model
	644	Sriram Kotha, Hariharasitaraman S, Saravanan.D,Sajjad Ahmed	Android Malware Detection Using Deep Learning

	648	S.Vijayanand, Vairavel Chenniyappan ,V. Manikandan, S Vanitha, RajaniKanta Mohanty, B. Uma	Innovative Approaches to Data Security and Resource Integration in Education Cloud Environments
2.15 PM to 3.45 PM S8/T3	667	Devansh Mittal,Monica Sankat,Ram Kumar,Nilamadhab Mishra, Arpita Srivastava,Manas Sharma	Rooftop Solar Panel Detection from Satellite imagery Using Detection Transformer for Indian Terrain
	682	Nilamadhab Mishra, Ram Kumar, Jyoti Batra, Monica Sankat	LRDSM: A Projected Energy Efficient Dynamic Virtual Machine Allocation Framework for Cloud Infrastructure
	688	Rajapraveen.k.N, Joel Das, Priya Ganta, , Jitendra Jaiswal, Nikhil Derangula, Rajanikanta Mohanty, Mohammed Zabeeulla A N	Revolutionizing Patient Care: A Cloud-Centric Model with WSN for Tracking and Monitoring using Machine Learning
	706	Lambodar Jena,Manas Kumar Swain, Devpriya Panda, Baidehi Jena, Kunal Anand	An Intelligent Predictive Model for Caesarean Section Risk Classification: A Comparative Study of Biologically Inspired Algorithms
	248	Daksh Patel, Om Sorathia, Himanshu Gajera	A Lightweight U-Net Structure for Retinal Boold Vessel Segmentation
	348	Karan Tandel, Rachit Vaidya, Hiren Kumar Thakkar	On the Design of Multiple Fruits Recognition Model using Deep Learning in a Confined Environment
	423	Alok Raj, Hiren Kumar Thakkar	Comparative Evaluation of Object Detection models: Transition from Conventional to Deep Learning-based Approaches
4 PM to 5.30 PM S9/T1	466	Manish Raj, Shakti Sharma, Gunesh Gupta, Shilpi Yadav	Auto Tuning PID Using Deep Q-Learning
	465	Shakti Sharma , Manish Raj , Akash Sinha , Parkhi Saini	Human-Computer Interaction Analysis of a Military-Themed VR Drone Simulator
	610	Mitkumar Patel, Mohammad Soban Shaikh, Hiren Kumar Thakkar, Aditya Shastri	Design and Development of Vegetable Detection and Recognition Model Using Deep Learning In Market Environment
	752	Steve Samson, Jitendra Kumar Rout	A variational autoencoder with attention based approach for redundancy elimination and sentiment filtering in high frequency stock data
	820	Mohana Hari Mohan, Keshika Seeboruth, Muhammad Ehsan Rana, Umar Sunusi Umar, Tharshini Mohan, Seyedmostafa Safavi	Enhancing Fetal Health Assessment: Automated Head Circumference Measurement in Ultrasound Images via Deep Learning Segmentation
	751	Gomathi Krishna, Kadee Waleed Almutairi, Jana Saeed Alzahrani, Reem Mahdi Alruwaili, Najd Faraj Almutairi, Areej Zuhair Alsulaiman	Bitefull: Reliable Review Application for Restaurants and Cafés in Saudi Arabia
	637	S VIJAY , Nilamadhab Mishra, MAISTRY MOHAMMED ATEEQ	DDoS Attack detection and prediction using Machine Learning with Analysis of SDN Network
4 PM to 5.30 PM S9/T2	797	Rohit Jambhulkar, Subhasish Mohanty, Swarna Prabha Jena, Kshitish Kumar Mahapatra, Bijay Kumar Paikaray, Sounic Behera	Empowering Cost-Effective Gesture-Powered Wrist Wearable Devices for Enabling Contactless Human-Computer Interaction
	702	Monica Sankat, Rama Kumar, Nilamadhab Mishra, Jyoti Batra, Manas Sharma, Arpita Srivastava	Semantic Enrichment of Educational Domain- Semi-Automated Ontology Construction and Visualization : A Case Study in Education
	760	Seyedmostafa Safavi, Zarina Shukur, Muhammad Ehsan Rana	CenterYou++: Lightweight Privacy Enforcement for Android Using Hybrid AI and Cloud Decision Support
	761	Seyedmostafa Safavi, Mohamed Shabbir Hamza Abdulnabi, Muhammad Ehsan Rana, Shahab Alizadeh	From Black Box to Trustworthy AI: A Secure Framework for Explainable Cybersecurity Decision-Making
	762	Muhammad Ahmad, Muhammad Hussain Rana, Vazeerudeen Abdul Hameed, Muhammad Ehsan Rana	Blockchain-Enhanced Machine Learning for Reliable Symptom-Based Disease Detection in Student Population

	763	Kachila Tembo, Hemalata Vasudavan, Umapathy Eaagathan	Citizen-Powered Waste Management System for Cleaner Cities
	764	Subasree Ramis, Zainab Ehsan, Viman Vinesh, Kamalanathan Shanumgam, Muhammad Ehsan Rana, Nur Khairunnisha Zainal, Thang Ka Fei, Intan Farahana Kamsin	Enhancing IoT Knowledge and Skills in Secondary School Students through Hands-On Learning: A University-Led CSR Initiative
4 PM to 5.30 PM S9/T3	765	Vinothini Kasinathan, Maythem K. Abbas, Ong Cher Xien	HAIRA: An NLP-Driven Mobile Chatbot for Frictionless Haircut Reservations
	766	Abdullah Afzal, Muhammad Ehsan Rana, Vazeerudeen Abdul Hameed, Seyedmostafa Safavi	Integrating Quantum Computing Algorithms with Predictive Analytics of Customer Behaviour in E-commerce
	216	Rakesh Kumar, Deepa Bisht, Pooja Dhyani, Bijay Kumar Paikaray, Nagendar Yamsani, Aashna Sinha	Exploring Future Prospective of Fintech in India and Its Driving Worldwide Innovation Race
	217	Rakesh Kumar, Deepak Kumar, Ayushi Sharma, Bijay Kumar Paikaray, Nagendar Yamsani, Aashna Sinha	Internet of Thing (IOT) and Machine Learning in Collection Goods and Services Tax(GST) and Future Application
	784	Rajesh Reddy Muley, P. Ashok Reddy, M. Ayyappa Chakravarthi, K V S S Ramakrishna, Santhi Chavala	A Smart Dress Code Monitoring System Leveraging Transfer Learning with YOLOv11
	815	Riya Behl, Hanshika Arora, Nilamadhab Mishra, Ajmeera Kiran	Advanced Machine Learning Approaches for Detecting and Mitigating DDoS Attacks in SDN
	819	Elaf Najib Ghallab, Muhammad Ehsan Rana, Hrudaya Kumar Tripathy, Zety Marlia Zainal Abidin	IoT-Driven Smart Bedrooms: A Pathway to Enhanced Sleep Quality
5.30 PM - 6 PM: Valedictory session			
6.30 PM - 6.30 PM : TEA & SNACKS			