

Technical Program Schedule

A detailed technical program for the 2-days 6th International Conference on "Intelligent Systems and Machine Learning (ICISML-2026)" including session-wise details and the names of session chairs and co-chairs.

Day 1: February 24, 2026(Tuesday)

REGISTRATION

(09:00 – 10:00 AM)

INAUGURAL CEREMONY

(9:30 – 11.00 AM)

Chair: Er. Bendangchila Longkumer

Co-Chair: Er. Ayanla Jamir

Chief Guest: Prof. Jagadish K Patnaik, Vice Chancellor, Nagaland University

Chief Speaker: Prof. A. Elayaperumal, Director, National Institute of Technology Nagaland

Guest of Honour: Dr Soumya Prakash Otta, Jurisdictional Director, Software Technology Parks of India (STPI) Guwahati

Special Guest: Prof. (Dr.) Soumya Chakraborty, Director, Nagaland Institute of Medical Sciences & Research

Special Guest: Er. Sabou Yashu, Director of the Directorate of Information Technology and Communication (DITC), Government of Nagaland

Program Chair: Prof. Sujata Dash, Dean, School of Engineering & Technology

Host: Prof. N Venuh, Pro-Vice Chancellor, Kohima Campus

Venue: Conference room, Department of Commerce, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

TEA BREAK

(11.00 -11.30 AM)

KEYNOTE – 1

(11.30 – 12.30 PM)

Chair: Prof Sujata Dash, Program Chair

Speaker: Prof. Pradip Kumar Das, IIT Guwahati

Topic: Speech and Image Processing: Human vs AI Perspectives

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

SESSION 1 (12:30 – 01.50 PM)

Chair 1: Prof. (Dr.) Soumya Chakraborty, Director, Nagaland Institute of Medical Sciences & Research

Chair 2: Dr Tanupriya Choudhury, UPES, Dehradun, India. (9910803601)

Rapporteur: Dr. Grace Nengzouzam(9863174141)

Venue: Room-1, Department of Biotechnology, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
12.30 -12.40 PM	2	Lipreadnet: A Hybrid Deep Learning Framework for Silent-To-Speech Translation Using Visual Speech Recognition	Govindgari Sai Srushik
12:40-12:50PM	864	NeuroGAT: An Attention-Enhanced Graph Framework for Early Epileptic Seizure Prediction	Tapaswini Sahoo
12.50 -1.0 PM	343	Continuous Adaptive Session Integrity Toward Autonomous, Behaviour-Based Post-Authentication Trust Systems	Sirisha Potluri
1.00 -1.10 PM	6	Multi-Faceted Content Representation: An Adaptive Framework for Comprehensive Textual Insight	Chintan Rajesh Pamnani, Parth Kapadia
1.10 -01.20 PM	10	A Machine Learning Approach to ADHD Diagnosis: Integrating Handwriting Analysis, Cognitive Games, And Behavioural Assessments	Ms Greeshma
01.20 -01.30 PM	14	A Novel Deep Learning Ensemble Algorithm for Classification of Indian Dance Forms	RAJESH S
01.30 -01.40 PM	19	Real-Time Pothole Detection and Reporting System Using Yolov8 And CNN	Varada Joshi
01.40 -01.50 PM	726	Digital Transformation in Education And E-Learning: Technologies, Strategies, And Global Perspectives	Rakesh Kumar

SESSION 2 (12.30-01.40 PM)

Chair 1: Mr Abhishek Sarma, STPI, Kohima(9092086321)

Chair 2: Dr Shruti Mishra, VIT-Chennai, India

Rapporteur: Dr. Lorenbeni Kikon

Venue: Room -2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
12.30 -12.40 PM	3	Early Detection of Esophageal Cancer Using Deep Learning: A Comparative Study	Binson K Thomas
12.40 -12.50 PM	129	Hybrid Intelligence in CKD Diagnosis and Prognosis: A Review of Machine Learning and Deep Learning Approaches	Kalupukuru Srinivasarao
12.50 -01.00 PM	446 (offline)	AI-Driven Analysis of Respiratory Sounds for Predicting Severity Levels in Pulmonary Diseases	Jagadish Maddirla
01.00 -01.10 PM	140	Consensus Algorithms Beyond Proof of Work: A Comparative Analysis	Dr.N.Shirisha
01.10 -01.20 PM	168	Multi-Modal Approaches to Detecting Deepfakes Unveiling Deception Through Sight and Sound	Himasri Aayesha
01.20 -01.30 PM	198	Enhanced Cloud Intrusion Detection System Using SAE For Dimension Reduction and KNN Hyperparameter Optimization	Dr. N. Nirmalajyothi
01.30 -01.40 PM	728	Early Detection and Risk Zone Mapping of Dengue Using Machine Learning	Sarmitha R J, Yashir Ahammed V, Vanitha K
01.40 -01.50 PM	491 (offline)	Ftinet-Attn: Frequency AI Spatial Attention Network for Deepfake Detection	Priya Gupta

SESSION 3 (12:30 – 01:40 PM)

Chair 1: Dr Amalesh Gope, Tezpur University, India. (7002637980)

Chair 2: Dr A. Promod Kumar, Malla Reddy University, Hyderabad, India (9000159660)

Rapporteur: Dr. Kevisino Khate
 Venue: Room No 3, Biotechnology Department
 Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
12.30 -12.40 PM	279	Advanced Text Summarization Using NLP And AI: Integrating Extractive and Abstractive Methods	Dr. Hardeep Singh Dhillon
12.40 -12.50 PM	280	AI-Powered Automated Data Cleaning & Quality En-Hancement System	N. Likhith
12.50 -01.00 PM	282	A Proposed Solution and Smart Reporting Management System for Civic Issues	Neha Sharma
01.00 -01.10 PM	455	Breast Cancer Classification Using Machine Learning Model	Virendra Kumar Shrivastava
01.10 -01.20 PM	749	Prediction of Thyroid Recurrence using Machine Learning	Virendra Kumar Shrivastava
01.20 -01.30 PM	284	Health Risk Management System	Vardhan Yadav
01.30 -01.40 PM	729	Cardiovascular Stroke Prediction System Using Machine Learning Techniques	Sanjana N, Yuvasri S, P Balamurugan
01:40-01.50PM	719	Commodity Price Forecasting Using Hybrid Transformer-Based Deep Learning Models	Hemasonica P

SESSION 4 (12:30- 1:40 PM)

Chair 1: Prof Prabhakar Sharma, Program Co-chair, Nagaland University. (9341330340)
Chair 2: Dr Shreyas Rajendra Hole, Dayananda Sagar University, Bangalore, India (8805513095)
Chair 3: Dr Nidhi Agrwal, Galgotias University, New Delhi, India (9810552448)

Rapporteur: Dr. Limasunep Longkumer
 Venue: Room No-4, Biotechnology Department
 Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
12.30 -12.40 PM	304	Structural Decomposition of Visual Poetry: A SAM-Vit Hybrid Framework for Odia Chitrakavya Recognition	Santosh Kumar Das
12.40 -12.50 PM	342	Machine Learning-Based Toxic Comment Detection for Safer Online Interactions	Aman Singh
12.50 -01.00 PM	347	Automated Student Attendance System Using Face Recognition and Object Detection (YOLO + CNN)	Omkar Thakre
01.00 -01.10 PM	351	AI Interview Coach: An Intelligent NLP-Based Real-Time Interview Evaluation System Using Catboost Algorithm for Personalized Feedback and Performance Tracking	G R Banupriya
01.10 -01.20 PM	470	Streamlit-Powered Colon Cancer Detection System Using CNN On Digital Pathology Images	Nareshsathya Sambath
01.20 -01.30 PM	353	Decentralized And Tamper-Proof Land Registry System Leveraging Blockchain and Smart Contracts	Rushika N. Jais
01.30 -01.40 PM	730	AI Automated Dungeon Master Using Gemini API: A Multimodal Generative Architecture for Autonomous, Persistent, And Rule-Compliant Role-Playing Narratives	Renesh Rohan
01.40 -01.50 PM	854	Deep Engagement Mining: A Semi-Supervised NER Approach for Analysing Student Interaction in Digital Learning Environments	Dr Sayanti Chatterjee

SESSION 5 (12:30 -01:40 PM)

Chair 1: Dr Suneeta Satpathy, SoA University, Bhubaneswar, Odisha, India (7008616162)
Chair 2: Dr Urmil Bharti, Shaheed Rajguru College of Applied Sciences for Women, Delhi (9811035048)

Rapporteur: Dr. Pelesakuo Kehie

Venue: Conference Hall, AET

Google Meet Link: <https://meet.google.com/xny-npgc-ime>

Time	Paper ID	Presentation Title	Name of the Presenter
12.30-12.40 PM	391	Sentinel Retention Assurance System: Guardian Prognosticator for Customer Attrition Prevention in Banking	Chigurupati Ravi Swaroop
12.40 -12.50 PM	392	Advanced Deep Learning Architecture for Lung Tumor Classification Using CT Scan Images	Mohapatra Girashree Sahu
12.50 -01.00 PM	402	GAT-AID: A Graph Attention-Based Dual-Branch Framework for Scalable Anomaly and Intrusion Detection with Cloud Optimization	Nitin Wankhade
01.00 -01.10 PM	403	Performance Analysis of Gabor Filter in Image Feature Extraction	Pallavi Sharma and Varshini
01.10 -01.20 PM	404	Openlearn - Online Education Platform	Vishruth Hemanth
01.20 -01.30 PM	428(offline)	Deciphering the role of conserved Lys200 and Gly317 in the stability of membrane-anchored PPIase PrsA and its function in the folding of the virulence factor Protein A in Staphylococcus aureus	Dipten Laskar
01.30 -01.40 PM	734	Reconstruction, Identification, Classification and Segmentation of Brain Tumor using Gan and RCNN	Bajireddy Likhitha

LUNCH BREAK
(01:50 – 2:15 PM)

KEYNOTE – 2
(2:15 PM – 3:15 PM)

Chair: Prof. Sujata Dash, Program Chair, Nagaland University, India

Speaker: Prof. Ram Bilas Pachori, IIT, Indore, India

Topic: Signal Analysis-based machine learning for EEG data processing

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-ime>

SESSION 6 (3:15 – 4:15 PM)

Chair 1: Prof Pranav Kumar Prabhakar, Program Co-Chair, Nagaland University (7696527883)

Chair 2: Dr Satyasundara Mohapatra, PSIT, Kanpur, India (9437229391)

Chair 2: Dr Yogesh Sharma, Delhi Technological University, New Delhi (9910201551)

Rapporteur: Dr. Grace Nengzouzam

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google meeting link: <https://meet.google.com/xny-npgc-ime>

Time	Paper ID	Presentation Title	Name of the Presenter
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03.15 -03.25 PM	26(Offline)	Privacy-Preserving Federated Learning Framework for Wearable Sensor Data in Professional Sports Analytics	Suneeta Satapathy
03.25 -03.35 PM	471	Enhancing Ophthalmic Diagnosis Through Automated Cataract Detection Using VGG16	Nareshsathya Sambath
03:35 -03:45 PM	472	Real-Time Detection of Concealed Threat Objects in X-Ray Baggage Using Yolov10s Framework	Nareshsathya Sambath
03:45 - 03:55 PM	48	AI Multi Disease Prediction Using Machine Learning	Vaishnavi J
03:55 - 04:05 PM	58	Online Payment Fraud Detection Using Machine Learning	Nidhi Agarwal
04:05 - 04:15 PM	59	Convolutional Neural Network Framework for Predicting Knee Osteoarthritis Severity from Radiographs	Preety Singh

SESSION 7 (3:15 – 4:15 PM)

Chair 1: Dr Raja Banerjee, Maulana Abul Kalam Azad University of Technology, West Bengal, India

Chair 2: Dr.Nihar Ranjan Pradhan (SRM-AP University, India (9438694203)

Rapporteur: Dr. Lorenbeni Kikon

Venue: Classroom-1, Biotechnology Department

Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
03.15 -03.25 PM	221	Multicable Real-Field Partial Discharge Data Analysis Using Integrated Wavelet Statistical Features and LSTM Classification	Hari Ram A
03:35 -03:45 PM	783	Advanced Detection and Classification of Multi-Class Kidney Abnormalities Using Computed Tomography	Alakananda Tripathy
03:45 - 03:55 PM	225	An Ensemble Framework of Machine and Deep Learning Based Diabetes Prediction Using Skinfold Thickness	K Radhika
03:55 - 04:05 PM	226	Machine Learning-Optimized Antenna Arrays for Enhanced Propagation Efficiency: A Comprehensive Review	Dr. Pijush Dutta
04:05- 04:15 PM	228	Neurofusion: Combining Contrastive Learning and Wavelet Transform for Early Alzheimer Detection	Karuturi Kavya Ramya Sree

SESSION 8 (3:15 – 4:15 PM)

Chair 1: Dr Shweta Shankar, Delhi University, New Delhi, India (9616566276)

Chair 2: Dr. Deepak Kumar, (8800901260)

Rapporteur: Dr. Kevisino Khate

Venue: Classroom 2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahqy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
03.15 -03.25 PM	293	Enhanced Nuclei Detection and Counting in Histopathology Images Using Attention Residual Unet	Bakkialakshmi V S
03.25 -03.35 PM	294	Forest Fire Mapping Using Machine Learning	Suryakathirvel

03:35 -03:45 PM	300	Bluetooth Based Human Following Cart with Obstacle Detection	Vatluri Yamini
03:45 - 03:55 PM	802	A Review of CNN-Based Diabetic Retinopathy Detection Using Deep Learning Models	Suresh Babu Mergumalli
03:55 - 04:05 PM	301	A Hybrid ML-LLM Framework For Personalized And Quantifiable Career Path Generation	Durgesh Shukla
04:05 - 04:15 PM	308	Realization Of Finite State Machine Using Csoc Through Elevator	Shiva Prasad Devarakonda

SESSION 9 (3:15 – 4:15 PM)

Chair 1: Dr. Kanchapagu Nagaraju, VIT-AP University, AP, India (9010809828)

Chair 2: Dr Rakhi Akhare, Lokmanya Tilak College of Engineering, Navi Mumbai, India. (9967011352)

Rapporteur: Dr. Limasunep Longkumer

Venue: Classroom- 3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
03.15 -03.25 PM	361	Hybrid Attention-Based U-Net for Brain Tumor Segmentation	Sivaramakrishna Yechuri
03.25 -03.35 PM			
03:35 -03:45 PM	366	Eco Driven Deep Fusion Framework for Crop Yield Prediction	Sheela Jayachandran
03:45 - 03:55 PM	369	DRL Agents For Quantum-Secure Blockchain Framework in IOT-Driven Healthcare Data Analytics	Odnala Srinivas
03:55 - 04:05 PM	407 (Offline)	Cross-Kingdom Insights into Cyclin-Dependent Kinase Inhibition: Exploring Plant Orthologs as Surrogate Models for Anticancer Screening	Precious Stone Khriam
04:05 - 04:15 PM	370	HCD-ISF: A Hybrid Cross-Domain Item-Based Model for Cold-Start Symbolic Music Recommendation	Talinungsang

SESSION 10 (3:15 – 4:15 PM)

Chair: Dr. Priya Gupta, JNU, New Delhi, India (9582807138)

Co- Chair 1: Dr Sandeep Kumar Panda, Icafaitech University, Hyderabad, India (8895081701)

Rapporteur: Dr. Pelesakuo Kehie

Venue: Classroom- 4, Biotechnology Department

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
03:35 -03:45 PM	411	Automated Retinal Disease Detection Using Yolov8 Deep Learning	Tanvi Sharma
03:45 - 03:55 PM	414	Optimizing Guillain-Barr Syndrome Diagnosis: A State-Of-The-Art Review On Machine Learning Techniques	Ruqqaiya Begum
3:55-04:05PM	790	Feature Selection using Binary Snake Optimization for Software Fault Prediction	Tapan Kumar Pradhan
4:05-4:15PM	284	Integrated Framework For Insurance-Aware Healthcare Resource Optimization	Apoorv Khanna
04:15 - 04:25 PM	419	Feature Manifold Dynamics for Early Detection and Forecasting of Multidomain Health Instability Scenarios	Sivanagaraju Vallabhuni
04:15 - 04:25 PM	422	Predicting Crop Yield Using Decision Trees: A Data-Driven Methodological Approach for Agricultural Sustainability	Venkata Anvith Raju S

TEA BREAK
(4:15 PM – 4:30 PM)

KEYNOTE – 3
(4:30 PM – 5:30 PM)

Chair: Dr Sachi Nandan Mohanty, General Co-chair, VIT-AP, India.
Speaker: Prof. Weiwei Jiang, Beijing University of Posts and Telecommunications, Beijing, China
Topic: AI-Native 6G Networks
Venue: Conference Room, Department of AET, Nagaland University, Kohima Campus
Google Meet Link: <https://meet.google.com/xny-npgc-ime>

SESSION 11 (4:30 – 5:30 PM)

Chair 1: Prof. Prabhakar Sharma, Program Co-Chair, Nagaland University. (8837019725)
Chair 2: Dr. Shalini Mahato, NIAMT, Ranchi, India. (7004778565)
 Rapporteur: Dr. Grace Nengzouzam
 Venue: Conference room, Department of AET, Nagaland University, Kohima Campus
 Google Meet Link: <https://meet.google.com/xny-npgc-ime>

Time	Paper ID	Presentation Title	Name of the Presenter
04:30 -04.40 PM	62	An Automated Earthquake Magnitude Prediction Using Machine Learning	VISHRUTHA C
04.40 - 04.50 PM	64	Event Correlation and Deep Learning Framework for Detecting Synfloodattacks	R.K.Rizwana
04.50 -05.00 PM	75	AI Based Scarecrow Using YOLOV3 Algorithm	Dr.B.Manjulatha
05.00 -05.10 PM	97	Real-Time Stampede Risk Detection Through Motion Analytics	VALLETI MAHI VIGNESH
05.10 -05.20 PM	498	Quantum Machine Learning: A Hybrid Paradigm for Accelerated Data Processing	E.Sujatha
05.20 -05.30 PM	105	Smart Living: Home Automation with Wi-Fi Module (Esp32) And KME Software	Mangali Shashank and Megavath

SESSION 12 (4:30 – 5:30 PM)

Chair 1: Dr Sedevikho Chase, Department of Mathematics, Kohima Science College. (8837019725)
Chair 2: Dr Saroj Kumar Panigrhy, VIT-AP University, Amaravati, Andhra Pradesh, India (9438003014)
 Rapporteur: Dr. Lorenbeni Kikon
 Venue: Classroom- 1, Biotechnology Department
 Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
4:30 -4.40 PM	235	Enhancing Asthma Detection Through Metaheuristic Hyperparameter Optimization	S. Prathyusha
4.40 - 4.50 PM	248	Greenvoy: Implementation of A Smart Ambulance Routing and Patient Health Monitoring System Using Green AI And IOT	Geetha Shree R

4.50 -5.00 PM	253	Personalized Healthcare: Smart Drug Recommendation and Disease Prediction Using Machine Learning	Khushi Tomar
5.00 -5.10 PM	260	Unified AI-Powered Web Application for Museum Asset Management, Accessibility, And Security	Harish Kumar S
5.10 -5.20 PM	262	Comparative Analysis of Traditional and Quantum Machine Learning Approaches for Anomaly Detection in Microservices Environments	Thurbilli Karthik
5.20 -5.30 PM	264	A Cross-Validated Boosting Framework for Fair and Transparent Employee Promotion Prediction	Chigurupati Ravi Swaroop

SESSION 13 (4:30 – 5:30 PM)

Chair 1: Dr H. Rohen Singh, Nagaland University(7005453501)

Chair 2: Dr.Aditya Bhrugumalla KLU University, AP, India (9951813246)

Rapporteur: Dr. Kevisino Khate

Venue: Classroom- 2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
4:30 -4.40 PM	309	Physical Design Workflow for A Safety Elevator using Qflow	Shiva Prasad Devarakonda
4.40 - 4.50 PM	495	Credmate: A Decentralized, AI-Verified Reputation Protocol for Cross-Platform Professional Trust	Ainsley Sveta A
4.50 -5.00 PM	321	Signflow AI Real-Time Detection and Translation Using Transformer	Roopika Juluru
5.00 -5.10 PM	325	Early Detection of Alzheimer Disease Using MRI-Based Hybrid Deep Learning Techniques	Raghav Ch
5.10 -5.20 PM	326	Medivision: A Hybrid U-Net and Vision Transformer Framework For MRI-Based Brain Tumor Segmentation and Classification	Penumaka Pranava Harshith
5.20 -5.30 PM	331	Deep Learning Techniques in Medical Imaging Modalities: State-Of-The-Art in Breast Cancer Analysis.	K Radhika
5.30 -5.40 PM	290	Multi-model ensemble deep learning framework for robust stock market forecasting: integration of economic indicators and temporal dependencies	Prasham Jain
5.40 -5.50 PM	291	Multimodal CNN for Emotion Recognition: Integrating Physiological Signals and Vision Transformer-Based Visual Features	Shruthi Anand
5-50-6:00PM	285	Brainwaves to Emotions: A Clustering-Based Model for Valence–Arousal Estimation from EEG	Shubh Kaushik

SESSION 14 (4:30 – 5:30 PM)

Chair 1: Dr Imlitoshi Jamir(9791141943)

Chair 2: Dr Bakkialakshmi V S, SRM University, Chennai, India (9791141943)

Rapporteur: Dr. Limasunep Longkumer

Venue: Classroom- 3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
04:30 -04.40 PM	373	Review On Adversarial Attacks on Deep Neural Networks and Different Defense Techniques Against L-Net Model	Santhoshini Sahu
04.40 - 04.50 PM	375	Artificial Intelligence for Inclusive Healthcare: Mapping the Right to Health for Transgender Communities In Mumbai	Anu Mishra

04.50 -05.00 PM	376	Data Inclusion as Fairness: A Governance-Driven Audit Model for AI In Transgender Healthcare in India	Anu Mishra
05.00 -05.10 PM	377	Overcoming The Security-Energy Trade-Off in Underwater Sensor Networks: A Trust-Weighted Reinforcement Learning Approach	Sudhansu Shekhar Patra
05.10 -05.20 PM	378	Smart Spending Analyzer: An AI-Driven System for Expense Forecasting and Anomaly Detection	Kundanika Dasari
05.20 -05.30 PM	381	Multi-Modal Disease Diagnosis using AIML	Rashmi Rajeshirke

SESSION 15 (4:30 – 5:30 PM)

Chair 1: Dr Rajkrishna Mondal (9402992654)

Chair 2: Dr. Shvanagaraju, LBRCE, AP, India (9618022007)

Rapporteur: Dr. Pelesakuo Kehie

Venue: Classroom-4, Biotechnology Department

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
04:30 -04.40 PM	430	Medirec: Enhancing Healthcare Accessibility Through Symptom	Pushkar Bhoge
04.40 - 04.50 PM	431	Predictive Modeling with Fusion of Structured and Unstructured Data: A Study on Unimodal and Multimodal Learning Strategies	Sreelakshmi K R
04.50 -05.00 PM	432	A Hybrid MOON Framework for Adaptive Computational Offloading and Enhanced Federated Learning in Vehicular Edge Environments	V Srinivas Lokavarapu
05.10 -05.20 PM	441	AI-Powered Stock Market Assistant with Real-Time Analytics and Virtual Simulation	Odnala Srinivas
05.20 -05.30 PM	442	A Comparative Evaluation of Biomedical Retrievers in A Retrieval-Augmented Generation Framework for Personalized Health Recommendation	Chandra Shekhar Behera

**KEYNOTE – 4
(5:30 PM – 6:30 PM)**

Chair: Dr Sachi Nandan Mohanty, VIT AP University, AP, India(9437322121)

Speaker: Mr Milankumar Rana, FedEx, USA

Topic: Beyond Infrastructure: The Intelligent Cloud Engineer's Role in the AI Era

Venue: Conference Room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

SESSION 16 (6:30 – 7:40 PM)

Chair 1: Prof. Pranav Kumar Prabhakar, Program Co-Chair, Nagaland University. (7696527883)

Chair 2: Dr Arindam Dey, VIT-AP University, Amaravati, AP, India. (7063638758)

Rapporteur: Dr. Grace Nengzouzam

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

Time	Paper ID	Presentation Title	Name of the Presenter
6:30 : 6:40 PM	115	A Modular Testbed For Zero Trust Architecture: Design And Experimental Insights	Ashutosh Soni
6:40 : 6:50 PM	120	Advances And Challenges In Intelligent Task Scheduling For Grid And Cloud Environments	Shweta Shukla

6:50 : 7:00 PM	768	An Optimised CNN Approach For Real-Time Sign Language Recognition	Amarnath Reddy, Bhaskar
7:00 : 7:10 PM	449	Real-Time Voice AI Agent Development Using Pipecat Framework: A Comprehensive Implementation Study For Travel Service	Eega Rama Krishna and G R Anil
7:10 : 7:20 PM	460	Cloud-Based Smart Greenhouse Monitoring System: An Iot-Enabled Framework With AWS Integration For Precision Agriculture	Dr. Ashwin Raiyani, Daiwat Vyas, Dr. Hrudanand Misra
7:20 : 7:30 PM	466	AI-Powered Student Profile Tracker: A System For Dynamic Skill-Gap Analysis And Personalized Learning	Sriharan S
7:30 : 7:40 PM	737	Adaptive User Interface Design Using Artificial Intelligence Based Eye Tracking: Towards Personalized And Intelligent Human-Computer Interaction	Md.Athif Rahman
7:40-7:50PM	364	Heart Attack Risk Prediction Using Retinal Images	Vaishnavi Katiyar

SESSION 17 (6:30 – 7:40 PM)

Chair 1: Dr Teisovi Angami, Nagaland University. (9856053315)

Chair 2: Dr Radha Mohan Pattnaik, VIT AP University, AP, India. (9861888744)

Rapporteur: Dr. Lorenbeni Kikon

Venue: Classroom-1, Biotechnology Department

Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
6:30 : 6:40 PM	266	Predictive Analytics For Faith-Based Mediation: Leveraging Machine Learning For Conflict Resolution Outcomes	Ms.Shiji Biji
6:40 : 6:50 PM	267	I-Driven Faith-Based Mediation: Intelligent Systems For Inclusive And Culturally Sensitive Dispute Resolution	Ms.Shiji Biji
6:50 : 7:00 PM	275	Dual-Modality Lung Classification Via LBP-Enhanced Cnn&LSTM And Similarity Learning	P.V.V.S.D.Nagendrudu
7:00 : 7:10 PM	363	DRL And Adaptive Genetic Optimization For Quantum-Secure Blockchain For Financial Data Analytics	Mallu Shiva Rama Krishna
7:10 : 7:20 PM	503	Smart Online Coding Environment With AI-Powered Error Explanation and Learning Assistance	Sanjay Ashwin
7:20 : 7:30 PM	505	A Multi-Agent Iot-Driven Framework For Cold Chain Integrity And Dynamic Inventory Optimization In Healthcare Supply Systems	Rohith
7:30 : 7:40 PM	739	An Efficient Deep Learning Approach For Multitype Eye Disease Detection Using Fundus Imaging	S. Padhma Priya
7:40-7:50PM	436	Real-Time Hybrid Phishing Detection System Using URL Analysis, Behavioural Analysis, And Chrome Ex-Tension	Tanu Singh

SESSION 18 (6:30 – 7:40 PM)

Chair 1: Dr Priya Gupta, JNU, New Delhi, India.(9582807138)

Chair 2: Dr Priya Pandharbale Sathe, SympianAI Technology, Pune, India (8329057857)

Rapporteur: Dr. Kevisino Khate

Venue: Classroom-2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
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6:30 : 6:40 PM	333	Evidence-Verified Rare Disease Detection From Clinical Narratives Using Retrieval-Augmented Large Language Model	Nelakuditi Charan Sanjay
6:40 : 6:50 PM	334	Intelligent Power Splitting And Resource Allocation in SWIPT-NOMA Networks Using Machine Learning	Udari Naresh
6:50 : 7:00 PM	509	Safesight Notify AI - Intelligent Child Identification and Parental Alert System	Preety Singh
7:00 : 7:10 PM	590	Anomaly Detection In Vehicular Networks Using Machine Learning For Intrusion Detection	Dr. M. Saravanan
7:10 : 7:20 PM	591	One health AI: Survey on microplastic detection	Manyam Thaile
7:20 : 7:30 PM	288	Development And Implementation of A Metal Detection Rover With Digital Twin In Metaverse Environment	Lokesh Reddy Poreddy
7:30 PM: 7:40 PM	741	Meshops: LLM-Guided Testing With Adaptive Multi-Signal Retrain Control For Secure Mlops	Praneswar Ganesan

SESSION 19 (6:30 – 7:40 PM)

Chair 1: Dr.Sachi Nandan Mohanty ,VIT-AP University, AP, India(9437322121)

Chair 2: Prof. Sital Dash, Vishwakarma University, Pune, Maharashtra. (9853686633)

Rapporteur: Dr. Limasunep Longkumer

Venue: Classroom-3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
6:30 : 6:40 PM	382	Quantum Resilient DRL Pipeline For Autonomous Vehicle Image Recognition Systems	Mallu Shiva Rama Krishna
6:40 : 6:50 PM	385	Radar Emitter Tracking Using Timeseries Image Data And HDBSCAN-CNN Hybrid Clustering Algorithm	Ananth Nath Talla
6:50 : 7:00 PM	389	Soil Moisture Prediction Using Convolutional Neural Networks	Subhashree Abinash
7:00 : 7:10 PM	340	Enhancing Hotel Price Prediction Through Log Transformation And Ensemble Techniques	Dillip Rout
7:20 : 7:30 PM	573	AI in Graphic Design and Animation	Sania Rana
7:30 : 7:40 PM	769	A Novel Approach For Early Stress Detection in Apple Leaves Using Deep Learning	Pula Venkata Siva Naga Rani
7:40 : 7:50 PM	408	Enhanced All-Digital Phase-Locked Loop with Lock Window Threshold Mechanism	Nandini Duggi, Kavya Sree

SESSION 20 (6:30 – 7:40 PM)

Chair 1: Dr Rajkrishna Mondal, Nagaland University. (9402992654)

Chair 2: Dr Puranam Revanth Kumar, Malla Reddy University, Hyderabad, India(9848354299)

Rapporteur: Dr Pelesakuo Kehie

Venue: Classroom-4, Biotechnology Department

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
6:30 : 6:40 PM	447	A Fuzzy Multi-Objective Genetic Algorithm For The Traveling Purchaser Problem With Supplier Reliability	Tatavarthi V H Hariteja
6:40 : 6:50 PM	611	VISTA - Vision Integrated Surveillance For Threat Analysis	O V K P Sainadha

6:50 : 7:00 PM	614	Automated Chest X-Ray Report Generation Using OFA-Transformer For Enhanced Diagnostic Accuracy And Efficiency	Medagam Venkata Karthik Reddy
7:00 : 7:10 PM	617	Speech Emotion Recognition Using Hybrid Deep Learning Architectures	Vempa Ramchandu
7:10 : 7:20 PM	618	Enhancing Road Safety Through Driver Alertness	Cherukumalli Vishnu Vardhan
7:20 : 7:30 PM	621	Artificial Intelligence In Childhood Behavioural Assessment	Smruti Ranjan Swain
7:30 : 7:40 PM	770	IoT-Driven Smart Waste Sorting And Eco-Management	Shreevarshini R
7:40-7:50PM	851	IoT Malware Classification and Detection Using Deep Neural Networks	Sai Babu Veeram
Cultural Program (7:40 PM- 8.00 PM) BANQUET Dinner (08.00 PM Onwards)			

Day 2: February 25, 2026

KEYNOTE – 5 (09.00 – 10.00 AM)

Chair: Prof. Pranav Kumar Prabhakar

Speaker: Prof. Raja Banerjee, MAKAUT, West Bengal, India

Topic: Understanding the Structure-Function & Dynamics of Biomolecules towards designing Therapeutic Leads

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

SESSION 21 (10.00 – 11.10 AM)

Chair: Dr Dushmant Kumar Das, NIT Nagaland, India. (9861060880)

Chair 1: Dr Moniak Mangala, Dawarkadas J Sanghvi College of Engineering, Mumbai, India (9320561216)

Chair 2: Dr Shweta Sharma, NIT Kurukhetra, Haryana, India. (8626882647)

Rapporteur: Dr. Visakhonuo Kuotsu

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: <https://meet.google.com/xny-npgc-imc>

Time	Paper ID	Presentation Title	Name of the Presenter
10.00 -10.10 AM	476	Edge-Intelligent Crop Disease Detection Using AI With Blockchain-Based Logging	KC. NITHYASREE
10.10 -10.20 AM	46	Machine Learning Algorithms For Client Profiling	Dr Ganesh Kumar M
10.20 -10.30 AM	477	Multimodal Edge-AI System For Early Crop Stress Detection	KC. NITHYASREE
10.30 -10.40 AM	480	Real-Time Monitoring System For Transportable Cold Storages	Nidhi Bhavsar

10.40 -10.50 AM	481	Examguard: An Integrated Approach To AI-Powered Examination Proctoring And Automated Grading Using Computer Vision And NLP	Siddhi Sangwai
10.50 -11.00 AM	484	AI-Based Chatbot For Mental Health Monitoring And Support	Mamidi Richard Abishai
11.00 -11.10 AM	782	A Synthetic Benchmark For Federated Fraud Ring Detection Under Partial Observability	Sudhir Mardikar
11.10 -11.20 AM	842	Harnessing YOLO for Real-Time Helmet Detection: A Comprehensive Traffic Safety Solution	Ch. Karthik

SESSION 22 (10.00 – 11.10 AM)

Chair: Dr Wahenbam Monita, Scientist D, Nielit, Kohima(9436891584)
Co- Chair 1: Dr Nonita Sharma, IGDTUW, New Delhi, India (9896255117)
Co- Chair 3: Dr Sanket Mishra, MAHE, Bengaluru, India. (8093166728)
 Rapporteur: Er. Thrilongse A Sangtam
 Venue: Classroom-1, Biotechnology Department
 Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
10.00 -10.10 AM	506	Predicting Crop Yield Using Data Visualization And Machine Learning	Sanaka Leela Sukanya
10.10 -10.20 AM	511	Empirical Evaluation Of Cloudonly And Hybrid Edge AI Cloud Architectures For Realtime Iot Analytics	Esha Maria Joseph
10.20 -10.30 AM	283	Artificial Intelligence And Machine Learning Innovations For Intelligent Communication Systems And Smart Infrastructures	Yachika Chauhan
10.30 -10.40 AM	512	Augmented Deep Learning Framework For Real-Time Pneumothorax Detection And Segmentation In Portable Chest X-Rays With Artifact Robustness	Abhishek Biju and Alan R Thomas
10.40 -10.50 AM	513	Predictive Maintenance System For Delivery and Logistics using Edge-AI And IoT Sensor Fusion	Aswin Suriya R
10.50 -11.00 AM	514	Sepsis Prediction Using Machine Learning And Deep Learning With Digital Twin Integration	Ashwin Nair
11.00 -11.10 AM	793	A Hybrid LSTM-DQN Model For Adaptive Computation Offloading In Mobile Edge Computing	V Srinivas Lokavarapu

SESSION 23 (10.00 – 11.10 AM)

Chair: Dr A. Neelima, NIT Nagaland, India.
Co- Chair 1: Dr Gouse Beig Mohamod, Vardhaman College of Engineering, Hyderabad, India, (9959593404)
Co- Chair 2: Dr Mohamed Sirajudeen Yoosuf, Modern College of Business and Science, Bowsher, Muscat, Oman (7200805880)
 Rapporteur: Er. Catherine Kent
 Venue: Classroom-2, Biotechnology Department
 Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
10.00 -10.10 AM	295	Uickpick : A Virtual Queue Management System	Bakkialakshmi V S
10.10 -10.20 AM	532	CNN With Squeeze-And-Excitation Mechanism For Pneumonia Classification	Dadireddy Sai Chidvilas Reddy
10.20 -10.30 AM	536	Cloud-Native AI System For Rapid Detection And Geo-Aware Alerting Of Missing Persons In CCTV Footage	A Charandeep

10.30 -10.40 AM	803	Hybrid Genetic Particle Swarm Optimization Forenhanced CNN Performance In Diabetic Retinopathy Detection	Suresh Babu Mergumalli
10.40 -10.50 AM	533	Optimized Route Planning For Logistics Networks	Dadireddy Sai Chidvilas Reddy
10.50 -11.00 AM	537	Farmsight: A Modular Agro Digital Twin	Chandana R
11.00 -11.10 AM	795	An Energy-Aware Task Scheduling Problems In Heterogeneous Multiprocessor Systems Solved By An Enhanced Elephant Herding Optimization	Dr. Ronali Madhusmita Sahoo

SESSION 24 (10.00 – 11.10 AM)

Chair: Dr Imlitoshi Jamir(8464987538)

Co- Chair 1: Dr Subasish Mohapatra, OUTR, Bhubaneswar, Odisha, India, (9437319132)

Rapporteur: Er. Angelin J. Robin

Venue: Classroom-3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
10.00 -10.10 AM	574	Artificial Intelligence Exposure to Digital Writing	Sakshi
10.10 -10.20 AM	576	Utilizing Artificial Intelligence in Healthcare Sector	Akriti Rawat
10.20 -10.30 AM	578	Stability-Aware Performance Evaluation of Clustering Techniques In Machine Learning	Dr. Rajeev Tripathi
10.30 -10.40 AM	581	Prediction and Treatment Recommendations For Paddy Leaf Diseases Using Deep Learning and Ensemble-Based Classification Approaches	Tanuja Panda
10.40 -10.50 AM	584	A Systematic Review of IoT-Enabled And Machine Learning-Driven Nutrient Dosing Control In Hydroponic Farming Systems: Architectures, Protocols, Algorithms, Performance	Madhukar Shivaji Janjire
10.50 -11.00 AM	585	Breaking The Silence: Identifying The Alzheimer's Before It Speaks Using Machine-Learning Algorithms	J Bhargav
11.00 -11.10 AM	800	Adaptive Network Performance Analysis And Optimization In Software-Defined Environments Based On Learning-Based Intelligence	Kali Krishna Vara Prasad Tungala
11.10 -11.20 AM	542	Smart Contract-Based Framework for Fraud Prevention in Healthcare Insurance	Ms. Jaspreet Kaur

SESSION 25 (10.00 – 11.10 AM)

Chair: Dr Sedevikho Chase, Department of Mathematics, Kohima Science College. (8837019725)

Co- Chair 1: Dr Princy Randhawa, Dayananda Sagar University, Bangalore, India (9521099223)

Co- Chair 2: Dr Sunil Kumar Singh, Maipal Institute of Technology, MAHE, Manipal, Karnataka, India. (9155238352)

Rapporteur: Dr. Imlirenla Longkumer

Venue: Classroom-4, Biotechnology Department

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
10.00 -10.10 AM	622	Machine Learning Driven Intelligent Systems in Human Resource Management: A Review of Human AI Collaboration In Decision-Making	Atinder Kaur
10.10 -10.20 AM	625	Vehiclerecue- A Mobile-Based On-Demand Roadside Assistance System	Pradeeksha KS
10.20 -10.30 AM	627	The Implication Of Artificial Intelligence On Financial Risk Management, The Future of Risk Idntification, Assessment And Mitigation	Km. Poonam

10.30 -10.40 AM	629	Deep Learning Models For Speech Impairment Assessment In Parkinson's Disease: A Systematic Literature Review	Dr. Pijush Dutta
10.40 -10.50 AM	630	Local Intelligence: Evaluating Security and Performance in Offline LImS	Kokkisa Nipun, K J Ritesh, K Nikhitha, U Keerthana, V Radhika.
10.50 -11.00 AM	644	An Empirical Accuracy-Based Analysis Of Large And Small Language Models For Low-Resource Indian Languages	Bristi Ganguly
11.00 -11.10 AM	813	Extension-Independent File Classification Through Byte-Level And Lexical Visualization	Prabha Selvaraj
11:10-11:20AM	409	Deep Learning based Segmentation of Epileptic Lesions in MRI using Lesion Masks	Skanda B

TEA BREAK
(11.00 – 11.15 AM)

KEYNOTE – 6
(11:15 – 12:15 PM)

Chair: Prof Sujata Dash, Program Chair
Speaker: Prof. Ruwan D. Jayasinghe, University of Peradeniya, Sri Lanka
Topic: AI in Healthcare- How AI revolutionises patient care
Venue: Conference room, Department of AET, Nagaland University, Kohima Campus
Google Meet Link: <https://meet.google.com/xny-npgc-ime>

SESSION 26 (12:15 – 01:15 PM)

Chair 1: Dr Ningthoujam Manda Devi, Nagaland University. (9898347749)
Chair 2: Dr Monika Mangla, Dawarkadas J. Sanghvi College of Engineering, Mumbai, India. 9320561216
Rapporteur: Dr. Visakhonuo Kuotsu
Venue: Conference room, Department of AET, Nagaland University, Kohima Campus
Google Meet Link: <https://meet.google.com/xny-npgc-ime>

Time	Paper ID	Presentation Title	Name of the Presenter
12:15 - 12:25 PM	485	Parkinson's Disease Prediction Using Keystroke Dynamics and Deep Learning	Hemanth Sai Thotakura
12:25 - 12:35 PM			
	849	Shaking Palsy Disease Detection using Machine Learning	Chiranjeevi Rampilla Y.Jahnavi Sri V.Aakash ReddySk.Farhan Mahidi A.Venkata Sai Neha
12:35 - 12:45 PM	492	Web-Based Diagnostic System For Oral Cancer Detection Using Machine Learning And Deep Learning	Pilli Harsha Naga Venkata Pavan
12:45 - 12:55 PM	494	Survey of Multi-Vector DDOS Attack Detection and Prevention Techniques	Prof. Pradnya Patange
12:55 - 01:05 PM	100	Graph Attention-Based Multimodal Fatigue Detection For Industrial Worker Safety	Rupa Verma

01:05 - 01:15 PM	316	Deep Learning Framework For Adolescent Fatigue Detection Using Relieff-Optimized Multimodal Physiological Features	Rupa Verma
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SESSION 27 (12:15 – 01:15 PM)

Chair 1: Dr Teisovi Angami, Nagaland University. (9856053315)

Chair 2: Dr Shiva Shankar Reddy, Sagi Ramakrishna Raju Engineering College, AP, India. (9985230319)

Rapporteur: Er. Thrilongse A Sangtam

Venue: Classroom-1, Biotechnology Department

Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
12:15 - 12:25 PM	515	Nurture Care: A Web-Based Home Healthcare Service Platform	Makam Kushal
12:25 - 12:35 PM	516	Nature based Optimization Technique with Machine Learning for Breast Cancer Detection	Bhumika Jadhav
12:35 - 12:45 PM	519	Towards Autonomous Adaptation: Self-Evolving Neural Architectures For Robust Lifelong Learning Across Dynamic And Non-Stationary Environments	Thilak
12:45 - 12:55 PM	520	AI Based Symptom Checker	Dr. Sonali Mahure
12:55 - 01:05 PM	521	Design Multimodel RAG For Extraction of Text, Images, Tables	Emani Vinay Kumar
01:05 - 01:15 PM	524	Design of SIW Cavity Backed Slot Antenna	Kammala Sanil Kumar

SESSION 28 (12:15 – 01:15 PM)

Chair 1: Dr Dushmant Kumar Das, NIT Nagaland, India(9861060880)

Chair 2: Dr Aditya Kumar Sahoo, SRM-AP University, AP, India (9439336373)

Rapporteur: Er. Catherine Kent

Venue: Classroom-2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
12:15 - 12:25 PM	538	Automated Monitoring Of Unauthorized Construction Through AI-Driven Satellite Image Analysis	Cherukumalli Vishnu Vardhan
12:25 - 12:35 PM	540	Intelligent Forest Segmentation Using Yolov8 On Satellite Images	Samridhi P
12:35 - 12:45 PM	541	XAI-Enabled Diabetic Retinopathy Detection And Localization Using Resnet50v2	Sheela Jayachandran
12:45 - 12:55 PM	544	LOOP: AI-Powered Student Innovation Platform For Sustainable Academic Collaboration	Vidhyadaran
12:55 - 01:05 PM	546	Machine Learning, Legal Practice, And The Evolving Professional Lives of Women Lawyers	Minoti Madhu Bhatija And Somu Chikthrahally S
01:05 - 01:15 PM	547	High-Dimensional Fuzzy Clustering Using Subspace-Based Density Estimation And Adaptive Membership Rescaling (SDE-FCM)	Kalyan Kumar Das

SESSION 29 (12:15 – 01:15 PM)

Chair 1: Dr Raja Banerjee, MAKAUT, West Bengal, India

Chair 2: Dr Anshuman Mohapatro, NIT Puduchery, India (7008131003)

Rapporteur: Er. Angelin J. Robin
 Venue: Classroom-3, Biotechnology Department
 Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
12:15 - 12:25 PM	586	Optimizing E-Commerce Conversational AI Via Tool Integration, MCP, And Function-Calling-Based RAG System	Kosireddy Vivek Charan Tej
12:25 - 12:35 PM	592	Android Malware Detection using Machine Learning	Prajwal V
12:35 - 12:45 PM	593	Developing A Smart Assessment Plugin With Gemini Integration and Google Forms API	Nagananth K
12:45 - 12:55 PM	596	AI, Machine Learning, and Digital Tools In Education: Future Directions	Rakesh Kumar
12:55 - 01:05 PM	597	Senior Care: AI Driven Multimodal Health And Communication Platform For Seniors using CNN And NLP	Anand Raju Rakesh
01:05- 01:15 PM	601	AI-Driven Software Defined Networking For Automated Threat Response	Santhosh

SESSION 30 (12:15 – 01:15 PM)

Chair 1: Dr Wahenbam Monita, Scientist D, Nielit, Kohima. (9436891584)
Chair 2: Dr Rakhi Akhare, Lokmanya Tilak College of Engineering, Navi Mumbai, India. (9967011352)

Rapporteur: Dr. Imlirenla Longkumer
 Venue: Classroom-4, Biotechnology Department
 Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
12:15 - 12:25 PM	646	Garbosafe: An Intelligent Iot Urban Hazard Monitor	A.Sheerin
12:25 - 12:35 PM	647	Smart Dog Feeder: An AI And Iot Approach For Adaptive Nutrition And Real-Time Monitoring	A.Sheerin
12:35 - 12:45 PM	648	Lawthentic Hub: An Application To Learn, Verify, File Legal Complaints With Confidence	A.Sheerin
12:45 - 12:55 PM	654	Analysis of Explainable Intelligent Systems For Financial Decision-Making	Ashi Singhal
12:55 - 01:05 PM	656	RecruitAI – Smart Resume Filtering and Candidate Selection System	Kaviya Shree G T
01:05 - 01:15 PM	657	Analysis Accuracy of Convolutional Neural Network For Traffic Management	Pragya Karnwal

LUNCH BREAK
 (01:15 PM – 01:45 PM)

KEYNOTE – 7
 (01:45 PM – 02:45 PM)

Chair: Dr Rajkrishna Mondol, Nagaland University, India.
Speaker: Prof. Tapobrata Lahiri, IIIT-Allahabad, UP
Topic: Prospect of developing low-cost and non-invasive diagnostic methods using machine learning
Venue: Conference room, Department of AET, Nagaland University, Kohima Campus
Google Meet Link: <https://meet.google.com/xny-npgc-imc>

SESSION 31 (2:45 – 3:55 PM)

Chair 1: Dr Hanumanth Singh Rathore, Nagaland University (9402992640)

Chair 2: Dr. Ritu Singhal, I.P college, University of Delhi, (9891329810)
Chair 3: Dr. Anushree Deshmukh, K.J. Somaiya School of Engineering, Mumbai (95798 79807)
 Rapporteur: Dr. Visakhonuo Kuotsu
 Venue: Conference room, Department of AET, Nagaland University, Kohima Campus
 Google Meet Link: <https://meet.google.com/xny-npgc-ime>

Time	Paper ID	Presentation Title	Name of the Presenter
02:45 - 02:55 PM	499	Explainable AI For Heart Attack Prediction Through Retinal Vascular Biomarkers	Arjun
02:55 - 03:05 PM	500	LSTM-Based Autoencoder Framework For Unsupervised Anomaly Detection In Server CPU And Memory Metrics	Koti Sai Sankar
03:05 - 03:15 PM	501	Haven: An Integrated Platform For Proactive Mental Wellness	Priya
03:15 - 03:25 PM	502	Docinsight - Cross-Modal Reasoning For Reliable And Explainable Multimodal Document Understanding	Sabitha
03:25 - 03:35 PM	718	A Unified Deep Learning Framework for Multi-Disease Detection of Diabetic Retinopathy, Cataract, and Glaucoma from Fundus Images	S M AbhiShek
03:35 - 03:45 PM	660	An Empirical Study On Emotional Maturity Among Teacher Trainees And Its Importance	Mittal Shah

SESSION 32 (2:45 – 3:55 PM)

Chair 1: Dr. Teisovi Angami, Nagaland University (9856053315)
Chair 2: Dr. Deepa Jose, KCG College of Technology, Chennai, India. (9840929084)
Chair 2: G. Dilip Kumar, Sri Chitanya Engineering College, Telangana, (8341216628)
 Rapporteur: Er. Thrilongse A Sangtam
 Venue: Classroom-1, Biotechnology Department
 Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
02:45 - 02:55 PM	527	Emosense: Intelligent Audio Sensitivity And Emotion Detection For Autism Learning Support	Praveen V
02:55 - 03:05 PM	528	Analysis Of Boron Concentration in Borated Polyethylene	Dr. Sudhansu Shekhar Patra
03:05 - 03:15 PM	529	Agentic Generative AI With Privacy-Preserving Data Publishing: A Mixture-Of-Recursions Framework For Adaptive Token-Level Computation	Dr. K. Rajeshwar Rao
03:15 - 03:25 PM	530	A Dual-Intelligence Hybrid System For Cryptocurrency Trading Recommendations: Integrating Bilstm-Xgboost Forecasting With Real-Time Sentiment Analysis	Tatipamula Maniram
03:25 - 03:35 PM	531	Cybersecurity Concerns In Fitness Apps And Wearables: A Systematic Review Of Reported Breaches	Garalapati Narayana
03:35 - 03:45 PM	701	An Explainable Thermal Wildfire Detection Pipeline Using CycleGAN-Augmented Data And Yolov8	Nidhi Haridas
03:45 - 03:55 PM	820	Secure Multimedia Encryption Using XNA Nucleotides And AES Cryptographic Modes	Saroj Kumar Panigrahy
03:55 - 04:05 PM	810	Evaluating Reliability and Fault Sensitivity in Deep Learning Systems for Safety-Critical Applications	Saravana K M

SESSION 33 (2:45 – 3:55 PM)

Chair 1: Abhishek Sarma, STPI, Kohima. (9092086321)

Chair 2: Dr Vinay Raj, NIT, Trichy, India. (9963850192)

Rapporteur: Er. Catherine Kent

Venue: Classroom-2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
02:45 -02:55 PM	551	CCTV-Based Real-Time Person Detection And Tracking System	Sanjay Kadam, Hitashri Bhirud, Nivedita Sargar, Madhuli Padwal, Anushka Thakur,
02:55 - 03:05 PM	552	Real-Time Human Activity And Gesture Recognition Using Mediapipe	K. Bharath Kumar, K. Mohana Lakshmi, Janardhan Reddy, D. Chandu, G. Eshwar and B. Kaveri
03:05 - 03:15 PM	554	User Behaviour Analytics And Fraud Detection In Fintech Using ML And DL Models	Parimi Bharath Kumar Beduduri Yaswanth Reddy Venati Vignesh Krishna Reddy Busireddy Harsha Vardhan Reddy
03:15 - 03:25 PM	555	Automated Pest Detection In Jute Crops Using Deep Learning	Navashri S
03:25 - 03:35 PM	562	CAHDS: A Consistency-Augmented, Hallucination-Aware Generative Architecture With Evidential Suppression	Sheela Jayachandran
03:35 - 03:45 PM	563	An Extensible Research Collaboration Platform With Integrated Search, Paper Management, And ML-Powered Assistance	Sheela Jayachandran
03:45 - 03:55 PM	844	Handwritten Mathematical Equation Recognition using CNN	Surjit Paul
03:55 - 04:10 PM	848	Title: Multi-Class Attack Detection in Software-Defined Networking using Machine Learning and Hybrid Ensemble Models	Naga Malleswararao P

SESSION 34 (2:45 – 3:55 PM)

Chair 1: Dr Rohen Singh, Nagaland University (7005453501)

Chair 2: Dr. Yalamanchili Salini, KL University, AP, India (8121169999)

Rapporteur: Er. Angelin J. Robin

Venue: Classroom-3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
02:45 -02:55 PM	604	Harnessing AI For Renewable Energy Integration And Energy Efficiency	Siddharth Swami
02:55 - 03:05 PM	605	Explainable AI In Finance: Enhancing Trust, Risk Management, And Regulatory Compliance	Pranshu Gupta

03:05 - 03:15 PM	608	Redefining Recruitment: AI Human Co-Intelligent Model	Aashish Dhiman
03:15 - 03:25 PM	610	Automatic Number Plate Recognition	Othuri V K P Sainadha
03:25 - 03:35 PM	674	Intensify Mutual Fund Availability Through With Machine Learning-Driven Mobile Apps And Digital Investment Platforms	Rakesh Kumar
03:35 - 03:45 PM	680	Evolution of Technology In Land Acquisition: A Comprehensive Review	Dhananjay Chaudhary
03:45 - 03:55 PM	850	Enhanced Deep Learning Model For Brain Tumor Detection with Real Time Clinical Support	P.Giridhara Prasad

SESSION 35 (2:45 – 3:55 PM)

Chair 1: Dr A. Neelima, NIT Nagaland, India(9402987897)

Chair 2: Dr. S.Sudheer Mangalapalli (MAHE, Baglore, India (8885771466)

Rapporteur: Dr. Imlirena Longkumer

Venue: Classroom-4, Biotechnology Department

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
02:45 -02:55 PM	658	Explainable AI For Medical Diagnosis For Pneumonia And COVID-19 Using Vision Transformers And SHAP	Naga Srinivas Nuthalapati
02:55 - 03:05 PM	752	QCA Based Design And Implementation Of 8-Bit Shift Register And Comparative Analysis	M. Parvathi
03:05 - 03:15 PM	753	Non-Invasive Diabetes Detection Through Tongue Image Classification Using Machine Learning Models	Amrutha K
03:15 - 03:25 PM	757	Shoplifting Detection System	Prema Latha S
03:25 - 03:35 PM	763	Crowdsourced Accessibility Mapping With Augmented Reality, Voice, And Gesture-Based Interaction For Inclusive Navigation	Harini
03:35 - 03:45 PM	764	Quick fix CRM: AI Enabled Enhancing Customer Support Efficiency Through Smart Query Handling	Sujatha
03:45 - 03:55 PM	861	Design of Neuvay: A Decentralized Peer Payment System for Cross-Border Fiat Exchange	Dr.CH Kiran Kumar

TEA BREAK

(03.45 – 04.00 PM)

KEYNOTE – 8

(04:00 PM – 05:00 PM)

Chair: Prof. Sujata Dash, Program Chair, Nagaland University, India.

Speaker: Dr Dushmanta Kumar Das, NIT Nagaland

Topic: Kabaddi Optimization Algorithm: A New Game-Inspired Meta-Heuristic Algorithm.

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: : <https://meet.google.com/xny-npgc-imc>

SESSION 36 (5:00 – 6:00 PM)

Chair 1 : Dr. Suneeta Satpathy, SoA University, Bhubaneswar, India(7008616162)

Chair 2: Dr.Sirisha Polturi, KL University, Hyderabad, India (9963349962)

Rapporteur: Dr. Visakhonuo Kuotsu

Venue: Conference room, Department of AET, Nagaland University, Kohima Campus

Google Meet Link: : <https://meet.google.com/xny-npgc-imc>

Time	Paper ID	Presentation Title	Name of the Presenter
05:00 – 05:10 PM	661	Ai-Powered Admissions Assistance using Rag and Multilingual Voice Support	G. Yuva Kishore Reddy
05:10 – 05:20 PM	662	Smart Interactive Board Using Bare Conductive Touch Board and Silver Nanoparticle Conductive Ink	Mogalluri Lakshmi Satwika
05:20 – 05:30 PM	669	Floratune: A Wearable Haptic Wristband For Real-Time Music Beat Translation And Tactile Rhythm Perception	Abhishek G Aslam Javeed M
05:30 – 05:40 PM	671	LLM-Powered Intelligent Appliance Energy Simulator And Advisor	Roshan
05:40 – 05:50 PM	672	Dual-Stream Spatial Frequency Vision Model With Adaptive Local DCT Attention For Robust Deepfake Image Detection	Tejaswini Vupputuri
05:50 – 06:00 PM	673	Flash Study AI Personalized AI For Smarter Study	Malvin

SESSION 37 (5:00 PM – 6:00 PM)

Chair 1: Dr Shiv Nagaraju, VIT-AP University, India (9618022007)

Chair 2: Dr Shikha Gupta, SSCBS University of Delhi, India (9873177370)

Rapporteur: Er. Thrilongse A Sangtam

Venue: Classroom-1, Biotechnology Department

Google Meet Link: <https://meet.google.com/xpv-ysbw-enm>

Time	Paper ID	Presentation Title	Name of the Presenter
05:00 – 05:10 PM	704	Intelligent Electronic Voting System Using Blockchain Technology	Abitha M
05:10 – 05:20 PM	706	A Smart Recruitment Platform For Local Employment Using AI-Based Skill Matching And Geolocation	Shaik Mohammad Baji
05:20 – 05:30 PM	708	Precision Detection of Breast Cancer Lesions Using Yolov12 And Feature Fusion Techniques	Tejasvi Bonam
05:30 – 05:40 PM	709	Multi-Sensor Iot Monitoring Project Using ESP32, Mysql On Cpanel, And Android Visualization App	Khushal Khairnar
05:40 – 05:50 PM	711	Farmer-Centric Smart Agriculture: Saas-Driven Crop Advisory For Data-Informed Farming	Chitrika B S
05:50 – 06:00 PM	712	Interpretable Deep Learning Models For Oral Cancer Histopathology: A Unified Training And Evaluation Pipeline	Bhupesh Deka

SESSION 38 (5:00 – 6:00 PM)

Chair 1: Dr Imlitoshi Jamir, Nagaland University (8464987538)

Chair 2: Dr Hemanta Kumar Reddy, VIT-AP University, AP, India (8895008219)

Rapporteur: Er. Imlitoshi Jamir

Venue: Classroom-2, Biotechnology Department

Google Meet Link: <https://meet.google.com/hgg-ahgy-fvx>

Time	Paper ID	Presentation Title	Name of the Presenter
05:00 – 05:10 PM	564	A Convolutional Neural Network-Based Approach For Leaf Health Classification Using Multi-Dataset Integration	Sheela Jayachandran
05:10 – 05:20 PM	565	Comparison of Ensembling Strategies For Guava Leaf Disease Classification	Avneep Singh
05:20 – 05:30 PM	742	A Machine Learning-Based Approach For Fake News Detection In Hindi Language	Varun Rathore
05:30 – 05:40 PM	746	An Efficient Approach Of Neural Network For Keyword Extraction Using Natural Language Processing	Gandham Kishore

05:40 – 05:50 PM	747	Automatic Identification of Vehicle Number Plate Recognition and Parking Management System using Yolo Algorithm	Kola Navya
05:50 – 06:00 PM	750	Phishguard: A Hybrid, Explainable AI System For Real-Time Phishing Detection And Visualization	Saireddy Ramakanth Reddy

SESSION 39 (5:00 – 6:00 PM)

Chair 1: Dr Hanumanth Singh Rathore, Nagaland University (9402992640)

Chair 2: Dr Sandeep Kumar Satpathy, VIT-Chennai, India(9861634473)

Rapporteur: Er. Ayangla Zamir

Venue: Classroom-3, Biotechnology Department

Google Meet Link: <https://meet.google.com/ckd-atog-wjb>

Time	Paper ID	Presentation Title	Name of the Presenter
05:00– 05:10 PM	683	A Cognitive Computing Approach Of Integrating Quantum Filters And CNN For Enhancing Brain Tumour Identification In Medical Image Analysis	Monalisa Panda
05:10 – 05:20 PM	684	Optimization Techniques For Analyzing And Improving Machine Parameters CNC Machining: A Comprehensive Review	Baladev Bhatra
05:20 – 05:30 PM	686	Scalable Cloud Iot Device Management and Monitoring Platform	Vishnu V
05:30 – 05:40 PM	687	Machine Learning Based Voice Biomarker Analysis For Early Detection Of Parkinson Disease	Harish. K
05:40 – 05:50 PM	690	Smartpharmachain: A Trust-Centric Blockchain Framework For End-To-End Drug Authentication	Dr. S. Vaijayanthi
05:50 – 06:00 PM	693	Cloudcostguard: A Machine Learning Driven Framework For Proactive Cloud Spend Forecasting and Control	Barathi M

SESSION 40 (5:00 – 6:00 PM)

Chair: Dr Rajkrishna Mondal, Nagaland University, India. (7085176594)

Co- Chair 1: Dr Pramod Ch. Dihingia, Nagaland University

Co- Chair 2: Er. Chenlep Yakha Konyak, Nagaland University

Rapporteur: Dr. Imlirenla Longkumer

Venue: Room No 4, Department of Biotechnology

Google Meet Link: <https://meet.google.com/ctx-axjr-ynd>

Time	Paper ID	Presentation Title	Name of the Presenter
05:00 – 05:10 PM	695	Smart Cursor Control Using Eye Gaze And Hand Gesture Recognition	Putluru Praneeth Reddy
05:10 – 05:20 PM	697	An AI-Mediated Pathway To Global Learning: Conversational Intelligence for Foreign Education Guidance	Anushka Shinde & Aman Pauskar
05:20 – 05:30 PM	699	Ai-Powered Intelligent Traffic Signal Management System	Akhila Tejaswini Kothakonda, Olivya Pretty, Sanjana Sirimalla
05:30 – 05:40 PM	713	AI-Driven Secure Authentication With Multimodal Biometrics	Sakshi Dodke
05:40 – 05:50 PM	716	No-Code and Low-Code: Democratizing Software Creation	Raj kokate
05:50 – 06:00 PM	717	Data-Driven Water Quality Prediction: Integration Of Machine Learning, Deep Learning and IoT Techniques	Ms. Nisha Rupaji Wartha

CLOSING CEREMONY

(06.00 – 07.00 PM)

Chair: Er. Shanchamo Yanthan**Co-Chair:** Er. Sourav Hazarika**Chief Guest:** Prof. N Venuh, Pro-Vice Chancellor, Kohima Campus**Chief Speaker:** Shri Abhisek Misra, Additional Director and Officer-in-Charge of the Software Technology Parks of India (STPI) centre in Kohima, Nagaland.**Program Chair:** Prof. Sujata Dash, Dean, School of Engineering & Technology**General Co-Chair:** Dr Sachi Nandan Mohanty**Venue:** School of Engineering and Technology**Google Meet Link:** <https://meet.google.com/xny-npgc-imc>**DINNER**

(07.00 -07.30 PM)