

PROGRAMME SCHEDULE

Day 1: Thursday- 6th Feb 2025

09:00 Hrs - 09:30 Hrs	Registratation <i>(Venue: Aryabhata Block- I Floor- Department of CSE)</i>
09:30 Hrs - 10:00 Hrs	Tea <i>Venue: Mezzanine Floor, Raman Block</i>
10:00 Hrs - 11:30 Hrs	Inaugural Ceremony <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)</i>
10:00 Hrs - 10:05 Hrs	Welcome of Guests
10:05 Hrs - 10:10 Hrs	Lamp Lightning
10:10 Hrs - 10:15 Hrs	Opening Ceremony of CICTN 2025
10:15 Hrs - 10:25 Hrs	Introduction to the theme of CICTN 2025
10:25 Hrs - 10:30 Hrs	Welcome Address by Prof (Dr.) D.K. Sharma, Director, ABESEC & General Chair, CICTN 2025
10:30 Hrs - 10:40 Hrs	Address by Prof. (Dr.) Vijayan Sugumaran, Distinguished Professor, Oakland University, USA & Advisory and TPC Chair CICTN 2025
10:40 Hrs - 11:00 Hrs	Address by Chief Guest Prof. (Dr.) Mohammad Rihan, Director General, National Institute of Solar Energy (NISE), Ministry of New and Renewable Energy, Govt. of India & Chair-Elect IEEE UP Section, India
11:00 Hrs - 11:20 Hrs	Address by Guest of Honor, Dr. Sanjeev Kumar Majumdar, Sr. Manager, National Research Development Corporation(NRDC)
11:20 Hrs - 11:30 Hrs	Address by Prof. (Dr.) Divya Mishra, Head, Department of CSE, ABESEC & General Co-Chair, CICTN 2025
11:30 Hrs - 11:40 Hrs	Release of CICTN-2025 Abstract Book
11:40 Hrs - 11:50 Hrs	Vote of Thanks by Dr. Anil Kumar Dubey, Co-Convener, CICTN 2025
11:50 Hrs - 12:30 Hrs	Keynote Address by Mr. Vivek Sonkhla, Senior director, Oracle India Pvt. Ltd. On "Career Roadmap in Emerging Technologies" <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)</i>
12:30 Hrs - 13:00 Hrs	Keynote Address by Saurabh Kapoor, Senior Engineer, Amazon USA on " Test Less, Find More: AI's Magic Touch in Software Quality" <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)-</i>
13:00 Hrs - 14:00 Hrs	Lunch <i>(Venue: Mezzanine Floor, Raman Block)</i>

Technical Sessions (13:30 Hrs- 16:30 Hrs)

Track Name	Track- 1A Computational Science and Engineering Venue: AB-LG-04 (Aryabhata Block-Basement)		Track- 1B Computational Science and Engineering Venue: AB-LG-07 (Aryabhata Block-Basement)		Track- 2A Communication and Networking Venue: AB-LG-08 (Aryabhata Block-Basement)	
	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
(13:30 Hrs-15:00 Hrs)	23	Evaluating Generative Models: A Review of Challenges and Opportunities in Assessment of Generative Adversarial Networks <i>Shah, Akash; Rakesh, Nitin; Gulhane, Monali; Agrawal, Pratik; Kaur, Mandeep*; Dixit, Saurav</i>	455	Deepfake Detection using XAI based Deep Fusion Models <i>Anitha A, Lis Maria Saju, Balakrishnan Kamaraj</i>	37	Evaluating Buffer-Based Optical Switch Architectures: Feedback vs. Re-Circulating Designs for Enhanced Network Performance <i>Sinha, Amit*; Bhardwaj, Diwakar; Shukla, Vaibhav</i>
	56	A Comprehensive Analysis of CNN-Based Deep Learning Models: Evaluating the Impact of Transfer Learning on Model Accuracy <i>Tiwari, Kuldeep*; Singh, Abhijit; Kumar, Sunil</i>	461	Decoding Cyber Fraud Schemes and the Rise of 'Fraud-as-a-Service' <i>Rashmi Agrawal, Neeraj, Sahil Parida, Himanshu Rawat</i>	38	Adaptive Fuzzy Logic Framework for Threat Detection in Distributed Honeypot Systems Leveraging Blockchain Technology <i>Tiwari, Aparna*; Kumar, Dinesh</i>
	68	Explainable-ML-based Framework to Predict Software Defects in Real-Time Control Systems <i>Thakkar, Dhruv Sarju; Vaghasiya, Vanshil; Prasad, Vivek; Gupta, Rajesh*; Tanwar, Dr. Sudeep</i>	475	Unified Framework for Outlier Detection Using Ensemble-Based Learning Techniques <i>Ruby Dahiya, Virender Kumar Dahiya, Nidhi Agarwal, Harshit Jain, Akhilesh Kumar Singh, Ayalpogu Pramod Kumar</i>	55	Next-Generation IoT Intrusion Detection: Leveraging Hybrid Deep Learning Algorithms for Enhanced Security <i>Singh, Urvashi*; Agarwal, Parul; Raghuvanshi, Kamlesh Kumar; Ahmed, Jawed</i>
	80	Classifying the DNA Sequence using Optimized Naive Bayes Approach: A Comparative Analysis of Machine Learning Algorithms <i>Pai H, Aditya*; S, Chandrappa; S, Guru Prasad; Pathak, Ganesh; Thakare, Atul; Kumar, Pratik</i>	476	Sentiment Analysis of Twitter Data on Russia-Ukraine Conflict Using Machine Learning Algorithms <i>Meeta Chaudhry, Navin Prakash, Rakesh Kumar, Ashish, Harvendra Kumar Patel, D.K. Mishra</i>	59	Efficient Intrusion Detection and Trust Management in Federated Learning Systems <i>Kumar, Kapil*; Khari, Manju</i>
	88	Brain Tumor Detection and Classification Using Deep Learning on MRI Images <i>Prajapati, Yogendra*; Kumar Sonker, Sanjay; Agrawal, Prem Prakash; Kumar, Manoj; Jain, Jaishree</i>	484	Enhancing the Security of Healthcare Data in Cloud Computing Environments <i>Himani Sajwan, Anjali Kumari, Garima Chauhan, Raj Kumar</i>	74	Enhanced Handover Management in 5G Networks using Machine Learning in Fading Scenarios <i>Upadhyay, Deepak*; Sharma, Rashmi; Venu, Nookala; Rallapalli, Sreekanth; Hussain, Zakir; Shukla, Shipra</i>
	159	Graph Based Automatic Text Summarization for Categorization of BBC News Articles <i>Singh, Pratik*; Pandey, Shivani; Lodhi, Abhinav Das; Namdev, Sonal; Mishra, Pradeep Kumar; Pandey, Sanjay Kumar</i>	487	Toxic Comments Classification using Machine Learning and Word Embedding Techniques <i>Sneh Prabha, Aditya Yadav, Aman Yadav, Akash Kumar, Manu Tyagi</i>	283	Smart Traffic Management for Emergency Response through IoT Integration <i>Rao, Venkata Ramana*; N, Karthik; N, Mahiban Lindsay; G, Santhosh; A, Sreeganasan; Jain, Stutti; Sana, Shaik; S, Ranjith</i>
	(13:30 Hrs-15:00 Hrs)	Track- 5A Interdisciplinary and Humanitarian Venue: AB-107 (Aryabhata Block-I Floor)		Track- 6A Young Professional Track Venue: AB-108 (Aryabhata Block-I Floor)		Track- 7A Women in Engineering Venue: AB-109 (Aryabhata Block-I Floor)
Paper-ID		Title	Paper-ID	Title	Paper-ID	Title
22		SUBIINA Stress and Unhappiness Behavioural Identification using Intelligent Artificial Neural Networks and Analysis <i>Kandel, Abhishek; Bhandari, Nischit; Kaur, Mandeep*; Rakesh, Nitin; Gulhane, Monali; Dahal, Roshish</i>	46	Facial Emotion Recognition from Real-Time Videos using CNN Model <i>Sharma, Swati; Avasthi, Sandhya*; Malik, Indu; Agarwal, Kadambri</i>	67	Statistical Analysis of Social Media and E-commerce data to get insights on consumer behavior <i>Sanwal, Tanushree*; Tyagi, Meenakshi; Avasthi, Sandhya</i>
147		Continual Learning Techniques to Reduce Forgetting: A Comparative Study <i>Goel, Neeraj*; Nandal, Poonam</i>	66	Advanced Spam Detection Using Machine Learning <i>Sinha, Pratyush*; .. Aklavya; Jain, Lovish; Sharma, Ajeet</i>	152	Performance Analysis of Machine Learning Models in Network Intrusion Detection Systems <i>Sharma, Pakhi, Dhanda, Namrata*; Yadav, Vandana</i>
299		A Comparative Analysis of Different Machine Learning Techniques Used in Software Effort Estimation <i>Yashendra Rajput, MH. Razi, Avinash Kumar Sharma</i>	79	Review on Predicting the Landslide Susceptibility using Machine Learning Techniques <i>Sinha, Abhishek; Giri, Shivam kumar; Yadav, Himanshu; Prasad, Sanjeev*; Mishra, priya</i>	156	Health-Bot: AI-Driven Textual Question Answering for Medical Applications <i>Jain, Kirti*; Gupta, Shelly</i>
413		Revolutionizing Diet and Fitness Tracking with AI: A User-Centric Approach to Nutrition and Wellness <i>Amay Jaiswal, Abhay Solanki, Anshu Tomar, Shreya Bhaduria, Harsh Khatter</i>	116	Deep Learning Based Model to Recommend Safe Route Navigation System <i>Garg, Sourav*; Mittal, Aashu; suntharam, Sathiya</i>	365	Flood prediction near Yamuna Express Way: A Case Study on Delhi <i>Shikha Verma, Priya Mishra</i>
563		Predictive Analytics in AI Marketing: Transforming Consumer Engagement <i>Dahiya, Ruby; Dahiya, Virender; Agarwal, Nidhi*; Kolluru, Vinoth; Challagundla, Yagnesh; Chintakunta, Advaita</i>	127	An Effective Agricultural Produce Object Detection System: YOLOv5-Based Classification <i>Upadhyay, Priyanshu; Singh, Arpita*; Dubey, Arpit; Himanshu Shukla, Ritesh Agarwal, Kushagra Gaur</i>	377	Assessing ChatGPT's Influence on Productivity and Learning Outcomes in Higher Education: A Comprehensive Analysis <i>Jyoti Yadav, Neeti Kashyap, Shraddha Arora</i>
803		Exploring Factors Influencing User Behavior and Intention in E-Commerce Applications for Electronic Product Purchases: A UTAUT Perspective <i>Aditi Srivastava, Subhash Kumar Verma, Ajay Singh</i>	168	Evaluating Optimization Algorithms for Dynamic Workforce Management: A Comparative Approach <i>Kumar Jha, Aabhas*; Chaubey, Ritshita; Goel, Aadhar; Kakkar, Misha; Kakkar, Kushagr</i>	559	Neural Network, Random Forest Classifier and Monte Carlo Sampling Based Binding Affinity and Pharmacological Analysis of Natural Analogues of Raf-1 Kinase Inhibitor for Breast Cancer Therapeutics <i>Navya Aggarwal, Hina Bansal, Banashree Bondhopadhyay</i>

Track Name	Track- 1C Computational Science and Engineering Venue: AB-LG-04 (Aryabhata Block-Basement)		Track- 1D Computational Science and Engineering Venue: AB-LG-07 (Aryabhata Block-Basement)		Track- 2B Communication and Networking Venue: AB-LG-08 (Aryabhata Block-Basement)	
	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
(15:00 Hrs-16:30 Hrs)	82	Protecting Hearts with Support Vector Machine Analysis for the Early Detection of Heart Failure <i>Prajapati, Yogendra*; Yadav, Juli ; Srivastava, Mili; Patel, Umesh Kumar; Srivastava, Manoj Kumar; Gupta, Bhupesh Kumar</i>	513	Advanced Image Dehazing Techniques using Optimized Filters and Globally Guided Image Filtering <i>Riya Singh, Jitender Chhabra</i>	77	Performance Enhancement and Secrecy Analysis of Hybrid RF/FSO Communication Links Under Combined κ - μ Fading and Exponential Turbulence Conditions <i>Upadhyay, Deepak*; Venu, Nookala; Sharma, Rashmi; Moray, Rashmy ; .. Prakhhar; Shukla, Shipra</i>
	83	Exploring Machine Learning Algorithms for Early Diagnosis of Plant Disease <i>Rev Ojha; Dhir, Saru*; Raghav; Paulraj, Betty; Gupta, Sumita</i>	520	Addressing Research Gaps in Object Detection: A Model for Infrared-Based Low-Light Conditions <i>Tripti Sharma, Sneha Prabha, Divya Prakash Pandey, Srijan Singh, Rashika Singh</i>	96	Energy-Efficient Edge based Intrusion Detection System using Machine Learning <i>Sonker, Sanjay*; Kumar, Ashish ; Kumar, Manoj ; Kamini, Kamini; Agrawal, Prem Prakash ; Devi, Poonam</i>
	87	AI-Driven Software Reuse: Optimization and Comparative Performance Analysis <i>Pai H, Aditya*; S, chandrappa; S, Guru Prasad; Thakare, Atul; Christa, Sharon; Kumar, Pratik</i>	535	Genetic Algorithm Based Deterministic Workflow Scheduling with Load Balancing <i>Punit Mittal, Satender Kumar, Swati Sharma</i>	35	Decentralizing Cybersecurity: A Dynamic Distributed HoneyPot System Leveraging Blockchain Technology <i>Tiwari, Aparna*; Kumar, Dinesh</i>
	153	A Comparative Study of CNN and Transformer Models for Image Recognition in Autonomous Driving <i>Gupta, Rahul; Singh, Shashank; Yadav, Vandana*; Dhanda, Namrata; Sharma, Pakhi</i>	567	A Survey on Diabetes Mellitus Using Machine Learning Classifiers <i>Niraj Kumar Sinha, Meena Pundir, Paurav Goel</i>	107	An Improved Energy Optimization Model for Sensitive IoT Devices using Clustered Machine Learning <i>Anuj Kumar*, Mukulit Goel, Jyoti Sharma, Pooja Pandey, Manish Kumar</i>
	704	Enhancing Sugarcane Disease Diagnosis: UNET Architecture for Red Rot Identification <i>Arvind Kumar, Jitendra Singh, Rohit Sharma</i>	595	Cardiovascular Disease Prediction Using Machine Learning and XAI <i>Gupta, Rajul ; Panwar, Arpit ; Manhas, Shubhank ; Ali, Khushnood ; Saraswat, Mala*</i>	521	Ethereum's Merge: A Comprehensive Analysis of Per-Block Energy Consumption, Greenhouse Gas Emissions and Block Size <i>Naveen Kandwal, Kusum Lata Aggrawal, Divya Upadhyay</i>
	804	Enhancing Weather Prediction Accuracy with Gradient Boosting: A Machine Learning Approach <i>Abhinav Jain, Gargi Sharma</i>	212	Enhanced Brain Tumor Detection via ResNet50 Classification and Residual U-Net Segmentation <i>Saeed, Abdullah; Dhanda, Namrata; Gupta, Kapil*</i>	546	White-Box Adversarial Exploitation of NIDS: Insights from FGSM, PGD, and C&W <i>Uliya Ashfaqe Ali1, Krish Dogra, Seema Sharma</i>
	Track Name	Track- 5B Interdisciplinary and Humanitarian Venue: AB-107 (Aryabhata Block-I Floor)		Track- 6B Young Professional Track Venue: AB-108 (Aryabhata Block-I Floor)		Track- 3A Hybrid Technologies for Innovations Venue: AB-109 (Aryabhata Block-I Floor)
(15:00 Hrs-16:30 Hrs)	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
	24	Prediction of Student Dropout Analysis For Education using Machine Learning <i>Shrirao, Vedant ; Satokar, Parth ; Gulhane, Monali; Rakesh, Nitin; Kaur, Mandeep*; Agrawal, Pratik; Dixit, Saurav</i>	19	Simplifying Code Translation: Custom Syntax Language to C Language Transpiler <i>Lalith, Pecheti*; Goel, Sujal; Kakkar, Misha; Sharma, Seema</i>	90	An AI-Based Library Assistant: Enhancing Book Retrieval with Natural Language Processing and Machine Learning <i>Varma, Kailash*; Aryan, Adla; Dhanush, Pagilla ; Manikanta, Rangiseti; Chandhu, Nalla ; Arora, Gagan</i>
	92	Multi-Channel Sales Forecasting in a Kenyan Retail Environment <i>Avasthi, Sandhya*; Tripathi, Suman ; Sanwal, Tanushree; Dwivedi, Vimal</i>	34	Resource Allocation in IoT Networks Via DQN and PPO Algorithm <i>Garg, Shrishti*; Gupta, Shruti ; Srivastava, Vivek</i>	99	Message Priority Classification Framework for Autonomous Vehicles in Supply Chain Management <i>Virani, Mili; Kansara, Drashiti; Pathak, Lakshit; Gupta, Rajesh*; Tanwar, Sudeep; Sawhney, Sahil</i>
	161	Revolutionizing Forensic Odontology with Artificial Intelligence: A Systematic Review <i>Singh, Nitendra*; Singh, Kuldeep; Sehwari, Ruchi; Singh, Amit; Augustine, Jeyaseelan; Verma, Mahesh</i>	113	Leveraging Graph Neural Networks for Improved Fraud Detection in Financial Transactions <i>Garg, Ashutosh ; Kaul, Garv; Agrawal, Akhil; Singhal, Abhishek*</i>	122	The Symphony of Style: An Extensive Examination of Determination Mechanisms in Deep Learning-Inspired Outfit Suggestions <i>S, Guru Prasad*; Bhosagi, Ravatappa A ; K, Madhusudhana ; Jain, Prithviraj; S, Chandrappa; Kumar, Vikash</i>
	731	Leveraging Statistical Analysis Using Virtual Reality in Impulsive Buying: A SEM-based Approach <i>Aditi Srivastava, Neha Verma, Brij Mohan Singh; Richa Sinha, Ajay Singh</i>	162	An Analysis of Various Classification Algorithms for Fake News Detection <i>Khare, Sakshi*; Singh, Pushpa; Kumar, Pankaj</i>	146	Predictive Model for Student Career Success Using Blockchain Technology and Machine learning <i>Aggarwal, Mansi*; Vyas, Vaibhav</i>
	839	Comparative Study of Artificial Intelligence Approaches in Deceptive Opinion Detection <i>Arvind Mewada, Sushil Kumar Maurya</i>	481	Towards Safer Communities: Real-Time Violence Detection and Instant Alerts using mobilenetv2 <i>Sejal Jain, Sahil Hussain, Shruti Gupta</i>	376	Generalized Framework using Federated Learning for Brain Tumor Detection from Medical Images <i>Rajesh Shrivastava, Amit Dwivedi, Dibyanarayan Hazra, Jahnavi Nischal, Kanishka Patel, Shristi Rai</i>
	841	Context-Aware Legal Summarization using Reinforcement Learning <i>Jatin Kumar Verma, Rohit Verma, Bhaskar Verma, Divaker Arora, Pushpendra Singh</i>	699	High Degree Dependency Study using Ensemble Models in Credit Card Fraud Analysis <i>Shalini Rani, Mayank Tiwari, Shiva Tyagi</i>	189	Pneumonia Detection based on Image Analysis using Machine Learning <i>Singh, Ajay *; Kumar, Vinod ; Kumar, Neeraj</i>

16:30 Hrs - 17:00 Hrs

Tea
(Venue: Mezzanine Floor, Raman Block)

Day 2: Friday- 7th Feb 20205

Registrtration

(Venue: Aryabhata Block- I Floor- Department of CSE)

Tea

Venue: Mezzanine Floor, Raman Block

09:00 Hrs - 09:30 Hrs

09:30 Hrs - 10:00 Hrs

Technical Sessions (10:00 Hrs- 13:00 Hrs)

Technical Sessions (10:00 Hrs- 13:00 Hrs)						
Track Name	Track- 1E Computational Science and Engineering Venue: AB-LG-04 (Aryabhata Block-Basement)		Track- 1F Computational Science and Engineering Venue: AB-LG-07 (Aryabhata Block-Basement)		Track- 2C Communication and Networking Venue: AB-LG-08 (Aryabhata Block-Basement)	
	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
(10:00 Hrs-11:30 Hrs)	195	Unmasking the Reality: A Comprehensive Study of Deepfake Identification Techniques and Their Expanding Terrain <i>Sharma, Shubh ; Pathak, Disha Mohini; Jain, Dhyanendra ; Srivastava, Somya ; Vats, Prashant*; Upadhyay, Govind</i>	249	An Analysis of Deep Learning Algorithms for Detection of Pulmonary Illness <i>Singh, Ajay *; Kumar, Vinod Kumar; Nigam, Ankita</i>	367	Deep Defense: A Hybrid LSTM-ANN Architecture for Intelligent Intrusion Detection System <i>Mohit Shadreja, Shashwat Singh, Ayushi Prakash</i>
	196	Graph Convolutional Neural Networks for Molecular Mechanism Exploration in COVID-19 Patient <i>Tomar, Swati*; Sagar, Shrdha</i>	323	Machine Learning Approaches to Assess Heart Attack Risk after COVID-19: A Comparative Study <i>Jyoti Agarwal, Gaurav Chaturvedi</i>	427	Optimized Data Encryption and Search Efficiency Framework Using Memory Modules for IoT Applications <i>Suket Gakhar, Vipin Kumar Sharma, Soham Sunil Kulkarni, Soham Sunil Kulkarni, Anant Kumar</i>
	201	Robust Pre-Processing Strategies for Early Lung Cancer Diagnosis with Low-Dose CT Scans <i>Thakral, Gagan*; Kumar, Umesh; Gambhir, Sapna</i>	104	Exploring the determinants of AI driven FinTech adoption by Indian farmers for sustainable agrarian economic development <i>Sharma, Akhilesh*; Johri, Amar ; Mohan, Arvind; Negi, Naveen; Ahalawat, Kapil; Gupta, Priyanka</i>	579	Evolution and Future Trends in Wireless Communication: From 2G to 6G Technologies <i>Deepanshu Goel, Taruna Chopra, Deepanshu Jaiwal, Dhruv</i>
	203	A Content-Based Filtering Approach for Personalized Movie Recommendations <i>Vashisht , Rohit*; Sharma, Rahul; Pant , Maneesh; Thakral , Gagan; Naresh, Prashant</i>	220	Identification of Negative Intent in Social Media Posts Using Natural Language Processing <i>Tiwari, Priti *; Verma, Parul; Dev, Harsh</i>	581	Cloud Computing in Enhancing the Efficiency and Integration of Alternative Energy Systems <i>Amiya Kumar Sahoo ,Sucharita Prusty, Suendra Kumar Jayasingh, Asish Kumar Swain</i>
	105	Machine Learning Insights into the Influence of Business Incubators on Startup Success <i>Rawat, Amit; Tyagi, Dr.Shagun *; Sharma, Akhilesh; Ahalawat, Kapil</i>	400	Advancing Techniques for Deepfake Detection and Evaluation: Challenges and Innovations <i>Sourav Sharma, Pradum Kumar Singh, Ritu Sachdeva</i>	398	Analysis of Cloud Service Providers and Computing Services in Modern IT Infrastructure <i>Himanshu, Taruna Chopra</i>
	457	Low Light Image Enhancement: A Special Click <i>Shalini Kapoor, Yojna Arora, Nidhi Bansal, Khushwant Virdi, Firdous Sadaf M. Ismail, Suraj Malik</i>	834	Model for Movie Recommendation System using Collaborative Filtering and Content-Based Filtering Techniques <i>Vansh Kumar Kesarwani, Ajay Pratap</i>	746	Secure and Optimized Cloud Storage with Privacy Preservation using Improved SHA - 256 <i>Aditi Joshi, Ganesh Gopal Devarajan, Marimuthu Karuppiah, Yogesh Kumar Sharma</i>
Track Name	Track- 3B Hybrid Technologies for Innovations Venue: AB-107 (Aryabhata Block-I Floor)		Track- 6C Young Professional Track Venue: AB-108 (Aryabhata Block-I Floor)		Track- 3C Hybrid Technologies for Innovations Venue: AB-109 (Aryabhata Block-I Floor)	
	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
(10:00 Hrs-11:30 Hrs)	205	Towards Designing an Information Superhighway for Neurological Disorders <i>Mazumdar, Bireshwar; Gupta, Prashant*; Singh, Mohak; Singh, Sujal</i>	149	Behavior-Based Machine Learning Approaches for Malware Detection <i>Khare, Manya*; Kansal, Manasvi; Harsh; Vivek Srivastava</i>	553	A Data-Driven Approach for Elderly Activity Recognition: Using Wearable Sensors and AI Models <i>Naween Kumar, Nikhil Mangla, Swastik Srivastava, Vansh Sangal</i>
	256	Evaluating Self-Supervised Learning Models for Multi-Label Pathology Detection: A Benchmark Against Supervised Learning <i>Agarwal, Nidhi*; Pooja; Kumar, Nitish; Anushka; Garg, Yashica</i>	154	Optimizing DDoS Attack Detection Using Machine Learning <i>Saransh; Singh; Behera, Bhagrajyoti*; Aggarwal, Murari Kumar ; Sharma, Ajeet Kumar</i>	571	Fuzzy Logic and Fog Computing in Electronic Health Records Data Privacy: A Comprehensive Review <i>Devendra Singh Mohan, Varun Bansal, Anil Kumar</i>
	584	LipWiz: A Proposed Approach towards Visual Speech Recognition <i>Anushka Shishodia, Ishika Singhal, Anmol Pandey, Simar Preet Singh</i>	181	Automating Talent Acquisition Assisted by Resume Parsing System for Enhanced Job Matching <i>Gautam, Geetesh; Sharma, Dolly*; Chaturvedi, Vijit</i>	130	Enhancing DNA Sequence Analysis for Disease Diagnosis and Prediction Using Parallelised Hash-Based Approach <i>Bhukya, Raju*; Anusha, Sriram</i>
	402	Enhancing Flood Severity Prediction through a Combined Threshold-Based Alert Algorithm and Random Forest Classifier <i>Akshat Govind, Aishwarya Gupta, Aviral Katiyar, Chirag Tyagi, Sreesh Gaur</i>	394	The Role of the Metaverse in Advancing Cybersecurity Practices and Threat Mitigation <i>Ritika Verma, Aastha Budhiraja, Nitin Goswami, Astha Rai</i>	734	Real-Time Yoga Pose Recognition and Correction Feedback System Using Deep Learning and Computer Vision <i>Vishal Chauhan, Mukul Aggarwal, Yash Singhal, Swapnil Shukla</i>
	826	Fraud Call Detection using Pre-Data Feeding Method by Financial Institution <i>Vedant Tiwari, Ajay Pratap</i>	419	Travel Itinerary Generation using AI and Recommendation Systems <i>Saransh Aggrawal, Dhruv Teotia, Yash, Seema Shukla</i>	736	Improving Traffic Sign Recognition with the YOLOv9 Algorithm <i>Ketan Anand, Shyam Shankar</i>
	726	Enhanced Coffee Bean Defect Detection Using Super-Resolution GANs and Deep Learning <i>S.Prabu, P.S. Thanigaivelu, S. Poonkodi, M. Anand</i>	763	Analyzing the Historical Data and Trends in Stock Market using Machine Learning <i>Aryan Singh, Betty Paulraj, Saru Dhir</i>	742	A Unified Object Detection Framework for Front Vehicle Behavior Prediction Using YOLOv5s and Ontology Reasoning <i>T Saravanan, Youddha Beer Singh</i>

Track Name	Track- 1G Computational Science and Engineering Venue: AB-LG-03 (Aryabhata Block-Basement)		Track- 7B Women in Engineering Venue: AB-106 (Aryabhata Block-I Floor)			
(10:00 Hrs-11:30 Hrs)	Paper-ID	Title	Paper-ID	Title		
	505	Bridging Healthcare Gaps: Sustainable Liver Disease Diagnosis Using Machine Learning in Resource-Limited Regions <i>Kunal Jha, Hasim Ali, Akshat Sharma, Neda Fatima</i>	488	Classification Techniques in Data Mining: A Comprehensive Study <i>Kirti Baghel, Richa Bhati, Aastha Budhiraja</i>		
	583	Analyzing Impact of Data Augmentation Techniques in Computer Vision <i>Aayushi Agarwal, Anurakta Dash, Ganesh Galbale, Simar Preet Singh</i>	266	A Comprehensive Analysis of Speech-to-Text Models for Multilingual and Noise-Resilient Systems <i>Pratyaksha Sharma, Sumita Gupta, Boddu Asmitha Bhavya, Khushi Sharma, Saru Dhir, Sapna Gambhir</i>		
	614	AI-Powered Transcript Summarization and Question Answering for YouTube and Wikipedia <i>Kanishka Sharma, Sarthak Srivastava, Harsh Pilonia, Pranjal Kumar Maurya, Ayushi Prakash</i>	554	Comprehensive Asset Surveillance and Prediction Modelling using Real-Time Data Analytics <i>Aayushi Rawat, Tanya Aggarwal, Gauri Raghuvanshi, Sumita Gupta</i>		
	697	Machine Learning based Effort Estimation Models for Software Development Projects related Datasets with diverse features <i>Vaishali Thakur, Kamlesh Dutta</i>	591	EcoParali: A Smart Stubble Management System <i>Juhi Pathak, Shivam Jaiswal, Shreya Kaushik, Pushpa Singh, Asha Rani Mishra</i>		
	601	A Novel Regularized Deep Learning Approach for Tuberculosis Risk Prediction <i>Vishav Pratap Singh, Pankaj Singla, Ajay Pal Singh</i>	641	Machine Learning Framework for Efficient Malware Detection And Classification <i>Mumtaz, Afreen*; Garg, Vanshika; Sharma, Shilpi</i>		
	379	Advanced Medical Question and Answering Chatbot Powered by Llama-2 For Precise Health Answer <i>Jagdish Chandra Patni, Anup S B, Swetha, Chitra K S, Poornima B M, Raviprakash B P, Kamal Kant Verma</i>	529	Transforming the Prognosis of Chronic Illnesses: Using Machine and Ensemble Learning to Provide Precision Healthcare <i>Akanksha Rani, Shivangi Garg, Astha Sharma, Ashwini Kumar, Vandana Nirvanjan</i>		
Track Name	Track- 1H Computational Science and Engineering Venue: AB-LG-04 (Aryabhata Block-Basement)		Track- 2D Communication and Networking Venue: AB-LG-07 (Aryabhata Block-Basement)		Track- 4A Signal Processing and Applications Venue: AB-LG-08 (Aryabhata Block-Basement)	
(11:30 Hrs-13:00 Hrs)	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
	250	Advancements in Image Synthesis with Progressive Generative Adversarial Networks <i>Singh, Ajay*; Basu, Nirmalya; Rahi, Parvez; Sahu, Bharti</i>	431	Optimized Mutual Authentication and AES Encryption Framework for Enhanced Security in Multi-Server Environments <i>Soham Sunil Kulkarni, Vipin Kumar Sharma, Anant Kumar, Sneha Arora, Suket Gakhar</i>	36	Speech Signal Enhancement Using CNN-Driven Encoder-Decoder Architectures for Reverberation Mitigation <i>Tiwari, Manish*; Verma, Deepak</i>
	452	Employing Vision Transformer for Monocular Depth Estimation <i>Anubhac Chaudhary, Dev Brat Tripathi, Harsh Mishra, Prasoon Pathak, Ashish Dixit</i>	757	Blockchain Integration in Tangible Product Supply Chains Enhancing Security and Transparency through Smart Contracts <i>Khushi Thapliyal, Shikhar Suman, Shreshtha Rawat, Rishi Kumar, Guru Prasad M S</i>	273	Artificial Intelligence Enabled Cognitive Computing for AlN/β-Ga2O3 HEMT <i>Yogesh Kumar Verma, Kamal Bhatia, Khushboo</i>
	729	Advances in Fuzzy Relation Inequalities and Optimization Techniques <i>Udit Deo, D Jay Kumar Jain, MMS Beg</i>	798	Evaluating the Necessity of Cloud Computing in Modern Industrial Applications: A Comprehensive Analysis <i>Abhiraj Singh, Manish Kumar Soni, Ajay Pratap</i>	374	Harnessing Piezoelectric Energy for Smart Streetlights and Wastebin Automation <i>Samarth Goel, Shivam Sharma, Sanjay Rathor, Shivam Sharma, Uma Sharma</i>
	756	Real-Time Sign Language Recognition and Translation Using MediaPipe and Random Forests for Inclusive Communication <i>Garvit Sharma, Harsha Saini, Prakash Gusain, Rishi Kumar, Aman Verma, Guru Prasad M S</i>	480	Improved Ensemble Learning-based VM Migration Prediction Technique <i>Naween Kumar, Rishi Agarwal, Pranjal Gupta, Parth Mishra, Yash Kumar, Marisa Yaswant Ram Sai</i>	378	Smart Plant Irrigation System with Arduino Uno and Soil Moisture Sensor <i>Yammanuru Chaitanya Reddy, Vuppu Surya Prakash, Gajjala Sri Vardhan Reddy, Anjana Snehit Santhosh, Jagdish Chandra Patni, Nilesh Bhaskarrao</i>
	758	Deep Learning for Detection and Morphological Analysis of Stomatal Complexes in Microscopic Imaging <i>Vikas Shukla, Sanjeev Kumar Shukla, Kuldeep Pal, Pawan Kumar</i>	187	Enhancing Security and Transparency in Video Conferencing Systems through Blockchain Integration <i>Verma, Aman*; Bhardwaj, Astitva; Shradha; Kumar, Ashish</i>	754	A Comprehensive Survey on Infant Biometric Recognition <i>Neelam Chakravarti, Amit Singhal</i>
	809	A Novel Technique to Remove Noise from SAR Images by Equalizing Neighborhood Surrounding Values and Pixel Smoothing <i>Baldivya Mitra, Maroti Deshmukh, Abhimanyu Kumar</i>	217	Universal System for Higher Accreditations (USHA): Novel Blockchain-Based Educational Transcripts Issuance and Verification Architecture <i>Kandwal, Naveen*; Agarwal, Kusum Lata; Upadhyay, Divya</i>	821	Managing Economic Load Dispatch through Multi-swarm Statistical Particle Swarm Optimization <i>Siddharth Skukla, Sitaram Pal, Nagendra Singh</i>
	150	AI-Driven Evolution in HR: A Bibliometric Study on Professional Roles and Skill Adaptation <i>Wadhwa, Shilpa*; Sharma, Akhilesh; Ahalawat, Kapil</i>	498	A Comprehensive Analysis of IoT and IoT Security Attacks: Understanding the Threat Landscape <i>Himanshi Dhayal, Vikas Sivach, Harkesh Sehrawat, Renu Dalal</i>		

Track Name	Track- 5C Interdisciplinary and Humanitarian Venue: AB-107 (Aryabhata Block-I Floor)		Track- 6D Young Professional Track Venue: AB-108 (Aryabhata Block-I Floor)		Track- 3D Hybrid Technologies for Innovations Venue: AB-109 (Aryabhata Block-I Floor)	
(11:30 Hrs-13:00 Hrs)	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
	389	A Sensitive Collision Avoidance System Improved for Terrain Navigation on Elevated Terrain <i>Anup Lal Yadav, Sandip Kumar Goyal</i>	393	NEMO: ML based Fish Species Classification <i>Manvendra Singh, Sreesh Gaur, Sarthak Tyagi, Udit Sharma, Prince Yadav, Adarsh Mishra</i>	380	Machine Learning Based Phishing Website Detection System - Natural Language Processing Approach <i>Jagdish Chandra Patni, S Vinay Naik, K Harika, Nilesh Bhaskarrao Bahadure</i>
	564	UniManage: An All-in-One Platform for Empowering Businesses <i>Geetansh Pandey, Kushagra Saxena, Simran Tyagi, Arya Singh, Sneh Prabha</i>	468	Performance Comparison of Deep Learning Models in Predicting Stock Prices <i>Yasir Sarfaraz, Divya Pandey, Vishesh Goel, Yogesh Choudhary, Kartikeya Bhatnagar</i>	432	A Comprehensive Analysis of Text and Graphics Separation Techniques in Document Images <i>Shweta Singh, Sudeep Varshney, Ankur Chaudhary</i>
	588	The Impact of Poverty on the Quality of Education: Breaking the Cycle for a Brighter Future <i>Kritika Jain, Ayush Kumar, Ajit Patel, Simar Preet Singh</i>	471	Hacking LLMs: A Technical Analysis of Security Vulnerabilities and Defense Mechanisms <i>Hamzah, Nikhil Raj</i>	467	Fall Detection and Alerts in Hearing Aids for Deaf using generative AI <i>Bharat Tripathi, Narender Pal, Madan Lal Saini, Manish Jain</i>
	611	Integrating Artificial Intelligence and Machine Learning for Folklore Preservation and Innovation <i>Rituparna Priyadarshini, Arpita Goswami, Sarvesh Vishwakarma, Paras Jain, Vishan Kumar Gupta, Jaishree Meena</i>	479	Data-Driven Approaches to Weather Prediction Using Machine Learning <i>Vaasu Garg, Muralidhar Chodiseti, Tatini Kumarsai, Naween Kumar</i>	522	Deep Learning Techniques for Dental Caries Detection and Prosthodontics: A Systematic Review <i>Vinay Singh, Kuldeep Singh, Ruchi Sehrawat, Amit Prakash Singh, Jeyaseelan Augustine, Mahesh Verma</i>
	672	Augmented Reality in Education: Enhancing Learning Experiences <i>Rakshit Sharma, Aastha Budhiraja, Rohan Choudhary, Naman Gupta</i>	764	Skin Lesion Prediction and Classification using Deep Learning methods <i>Bety Paulraj, Rekha Arumugam, Saru Dhir, Aryan Singh</i>	800	Transforming Oral Healthcare Using Machine Learning Technique <i>Isha Saxena, Ajay Pratap, Sourabh Kumar</i>
	747	Automating Legal Expertise: A Rule-Based Approach to Legal Reasoning Systems <i>Apoorv Shukla, Bhavishya, Mukul Aggarwal</i>	796	Crime Pulse: Crime hot-spot detection using Machine Learning and Gen-AI <i>Srijan Singh, Vandit Singh, Aditi Arora</i>	206	Data Protection in Enhanced Explainable Digital Twins: Insights from Hybrid AI <i>Gupta, Prashant*; Mazumdar, Bireswar; Pillai, Subash</i>
Track Name	Track- 3E Hybrid Technologies for Innovations Venue: AB-LG-03 (Aryabhata Block-I Floor)		Track- 3F Hybrid Technologies for Innovations Venue: Department Library (Aryabhata Block-I Floor)			
(11:30 Hrs-13:00 Hrs)	Paper-ID	Title	Paper-ID	Title	Paper-ID	Title
	799	Development of Oral Cancer Detection Technique: A Comprehensive Approach Using CNNs and TensorFlow Lite <i>Sourabh Kumar, Isha Saxena, Ajay Pratap</i>	749	Architectural Trade-off Analysis of Modern Service Mesh Designs: A Qualitative ATAM Study <i>Prashanth Josyula, Anant Kumar</i>	315	Leveraging ResNet50 for Accurate Brain Tumor Diagnosis <i>Gera Ranviitha, Pureti Lakshmi Suihitha, Ghantasala Lakshmi Prasanna, Avutu Lasya, T. Bharath Kumar</i>
	823	Intelligent Road Sign Detection and Categorization Framework <i>Khushi Agnihotri, Naman Yadav, Divyansh Goel, Neha Yadav, Devansh Vashishtha</i>	840	Revolutionizing Customer Experience Through NLP and Sentiment Analysis Strategies <i>Ridhi Deora, Sivakumar Ramakrishnan, Rahul Prathikantam, Shantanu Seth</i>	612	Explainable AI Framework for Parkinson's Disease Diagnosis and Progression Monitoring Using Deep Learning Models <i>S.G. Praveena, C. H. Hussain Basha, S. Senthilkumar, R. Muthaiyan, E. Dinesh</i>
	817	A Fine-Tuned DenseNet-Based Diagnosis Approach for Multi-Class Breast Cancer Classification <i>Kanika Kansal, Kajal Kansal</i>	576	Leveraging RAG for Effective Prompt Engineering in Job Portal <i>Farhan Haneef, Varalakshmi M, Peer Mohamed P U</i>		
	802	IoT-Enabled Smart Classrooms for Enhanced Learning Environments <i>Prem Kumar, Pratham Mittal, Priyanshu Negi</i>	509	VisionAid Band: Real-Time Smart Navigational and Alert Support System for Visually Impaired Persons Using Wearable Technology <i>Kanak Kumar, Anshul Verma, Pradeepika Verma</i>		
	759	Driver Distraction Detection System with Categorized Alerting based on SVM and PCA Optimization <i>Ruudra Amola, Shailja Bahuguna, Rishi Kumar, Guru Prasad MS</i>	633	Securing Software Defined Networks from Packet Injection Attacks: A Framework for Detection and Prevention <i>Laboni Dolai, Partha Maity, Tannishtha Jana, Pritam Sadhu, Tinku Adhikari, Sandipan Ghosal</i>		
	816	A MultiResUNet-based Deep Learning Architecture for Accurate Lung Segmentation in Chest X-Rays <i>Kajal Kansal, Vansh Mehta, Anshuman Mathur, Mannan Tyagi, Aryan Singh Rajpoot</i>	691	Hybrid Machine Learning for Feature-Based Spam Detection <i>Sandeep Gupta ,Susmith Barigidad, Shadab Hussain, Santosh Dubey, Sandeep Kanaujia</i>		

13:00 Hrs - 14:00 Hrs	Lunch <i>(Venue: Mezzanine Floor, Raman Block)</i>
14:00 Hrs - 14:30 Hrs	Keynote Address by Prof. (Dr.) Asheesh Kr. Singh, Professor, MNNIT Allahabad <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)</i>
14:30 Hrs - 15:00 Hrs	Keynote Address by Mr. Jai G Singla Scientist, Space Applications Centre, ISRO <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)</i>
15:00 Hrs - 16:00 Hrs	Valedictory Session <i>(Venue: Dr. S Radhakrishnan Auditorium, Raman Block)</i>
15:00 Hrs - 15:10 Hrs	Address by Prof. (Dr.) Divya Mishra, Head, Department of CSE, ABESEC & General Co-Chair, CICTN 2025
15:10 Hrs - 15:20 Hrs	Felicitation of Chief Guest Prof. (Dr.) Pardeep Kumar, Pro-VC, Manav Rachna International Institute of Research & Studies
15:20 Hrs - 15:30 Hrs	Address by Guest of Honor, Dr. C.S. Yadav, Scientist C, Technology, Translation and Innovation (TTI) Division, DST
15:30 Hrs - 15:50 Hrs	Award Ceremony
15:50 Hrs - 16:00 Hrs	Vote of Thanks
16:00 Hrs - 16:30 Hrs	Tea <i>(Venue: Mezzanine Floor, Raman Block)</i>