



**G. L BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT**



**International Conference on Modern Electronics Devices and Intelligent Communication Systems (MEDCOM 2025)**

**11/12/2025 - 13/12/2025**

**(Technically Co-Sponsored by IEEE- Computational Intelligence Society)**

ID	Title	Date	Time	Venue	
118	Multi-Fac-r Authentication Using Time-based One-Time Password: A Comprehensive Analysis of Security Enhancement and Implementation Strategies	12-12-2025	9:00 AM 9:15 AM	AB II - 301	<b>T1</b>
130	Self-Convolution Filter-Based ECG R-Peak Detection for Non-Stationary Signal Processing Applications	12-12-2025	9:15 AM – 9:30 AM	AB II - 301	
285	Design & Development of Jamming Circuit for Unmanned Aerial Vehicles	12-12-2025	9:30 AM – 9:45 AM	AB II - 301	
825	Fifth Generation Technologies	12-12-2025	9:45 AM – 10:00 AM	AB II - 301	
924	Voice-Driven Intelligent Home Automation for Enhancing the Lives of Paralyzed Patients	12-12-2025	10:00 AM – 10:15 AM	AB II - 301	
925	Smart Product Expiry Tracking System Using QR	12-12-2025	10:15 AM – 10:30 AM	AB II - 301	
931	A Novel Wideband Circular Microstrip Antenna Employing Slots and Parasitic Elements for 0.1 THz 6G Applications	12-12-2025	10:30 AM – 10:45 AM	AB II - 301	
1087	AI-Powered Voice Interface - Improve Email Accessibility for Users with Visual Impairments	12-12-2025	10:45 AM – 11:00 AM	AB II - 301	
1091	Artificial Intelligence Techniques for Enhancing Trust and Interaction in Human–Robot Partnerships	12-12-2025	11:00 AM– 11:15 AM	AB II - 301	
1092	Examining the Ethical Dilemmas and Challenges Presented by ChatGPT and Conversational AI	12-12-2025	1:30 PM – 1:45 PM	AB II - 301	
1094	Engineering and Implementation of an Au-mated Mobile Navigation System in the NAMI Robot	12-12-2025	1:45 PM – 2:00 PM	AB II - 301	<b>T2</b>
1095	Intelligent Au--scaling Framework for Memcached Clusters Using Machine Learning	12-12-2025	2:00 PM – 2:15 PM	AB II - 301	
1097	A Deep Hybrid Ensemble of CNN and Vision Transformer for Detecting Breast Cancer from Mammographic Images	12-12-2025	2:15 PM – 2:30 PM	AB II - 301	
1108	A Secure Cloud-Based Cybersecurity Model Leveraging AWS Identity and Access Management for Multi-Tenant Environments	12-12-2025	2:30 PM – 2:45 PM	AB II - 301	
1109	Transformer-Based Approach - Cyberbullying Detection Using Fine-Tuned DistilBERT	12-12-2025	2:45 PM – 3:00 PM	AB II - 301	
1113	Design and Evaluation of a Zero-Trust Cybersecurity Model on AWS for Hybrid Cloud Infrastructures	12-12-2025	3:00 PM – 3:15 PM	AB II - 301	
1115	Ensemble and Boosting Based Machine Learning Framework for Personality Prediction	12-12-2025	3:15 PM – 3:30 PM	AB II - 301	
1117	-ma- Plant Disease Classification Using Transfer Learning with VGG19	12-12-2025	3:30 PM – 3:45 PM	AB II - 301	
1125	Topological and Entropic Analysis of Steganography and Steganalysis via AI-Driven Multi-Agent Systems	12-12-2025	3:45 PM - 4:00 PM	AB II - 301	
22	Genesis Facet: Evolution With DCGAN In Crafting Faces	11-12-2025	1:30 PM -1:42 PM	AB II - 403	
52	Sustainable Waste Management in Smart Cities using IoT and AI: Minimization, Reuse, Recycling, and Re-manufacturing	11-12-2025	1:42 PM - 154 PM	AB II - 403	
56	The Role of Regula-ry Uncertainty in Hindering Green Transportation Initiatives: An Empirical Study	11-12-2025	1:54 PM - 2:06 PM	AB II - 403	
59	FACE DETECTION AND MASKED FACE RECOGNITION WITH CONVOLUTIONAL NEURAL NETWORKS (CNNS)	11-12-2025	2:06 PM - 2:18 PM	AB II - 403	
87	Invisio Track: An integrated crime investigation -ol	11-12-2025	2:18 PM - 2: 30 PM	AB II - 403	
94	A study of Smart Grids for Energy Transition in India with focus on the Smart Metering journey	11-12-2025	2:30 PM - 2 : 42 PM	AB II - 403	
121	FINWISE: Design of Personal Finance ManagementApplication using AI	11-12-2025	2:42 PM - 2 : 54 PM	AB II - 403	
126	Emotion Recognition for Student Learning Enhancement Using Multi-Layer Feature Fusion and AI Techniques	11-12-2025	2:54 PM - 3: 06 PM	AB II - 403	
252	Adaptive Reinforcement Learning-Driven Optimization for Dynamic Energy S-range Management in Modern Power Systems	11-12-2025	3:06 PM - 3: 18 PM	AB II - 403	
334	Enhancing Visual Perception in Darkness: A Lightweight Attention-Based Model for Nighttime Surveillance	11-12-2025	3:18 PM - 3:30 PM	AB II - 403	
357	Assessment of Voltage Unbalanced causing by phase angle variations	11-12-2025	3:30 PM - 3: 42 PM	AB II - 403	

599	Art and Craft Item Recognition Using Deep Learning and MobileNet-V2	11-12-2025	3:42 PM- 3: 54 PM	AB II - 403	T2
662	Energy-Efficient Motion Detection Algorithm for Intelligent Security and Surveillance Applications	11-12-2025	3:54 PM - 4: 06 PM	AB II - 403	
678	Enhanced IoT Sensor Anomaly Detection Using Deep Learning and Transformer-Based Hybrid Models	11-12-2025	4:06 PM - 4:18 PM	AB II - 403	
682	Design and development of 6 DOF Robotic arm	11-12-2025	4:18 PM - 4:30 PM	AB II - 403	
702	Decentralized control of heterogeneous mobile robots with obstacle avoidance in a dynamic environment	11-12-2025	4:30 PM - 4: 48 PM	AB II - 403	
741	Application of Deep Q-Learning for Contamination Assessment in Water	12-12-2025	9:00 AM - 9: 12 AM	AB II - 304	
838	Thermal Transport in Engineered Nanostructures: Disruptions in Phonon Dynamics Due - Interface Modifications	12-12-2025	9:12 AM - 9:24 AM	AB II - 304	
839	Sustainable mobile apps development - optimize performance through power management and battery consumption	12-12-2025	9:24 AM - 9:: 36 AM	AB II - 304	
840	Using Emerging Technologies in Mobile Apps - maximize performance an in-depth study	12-12-2025	9:36 AM - 9:48 AM	AB II - 304	
886	CityBrain: A Scalable AI-Based Framework for Predictive and Sustainable Urban Administration	12-12-2025	9:48 AM - 10:00 AM	AB II - 304	
951	Au-mated Mock Interview Assessment Through Speech Emotion Detection and Semantic Analysis	12-12-2025	10:00 AM - 10:12 PM	AB II - 304	
954	Au-mated Trading System Using Advantage Ac-r-Critic Deep Reinforcement Learning	12-12-2025	10:12 AM - 10:24 AM	AB II - 304	
991	Efficient Nonlinear Solid Mechanics Computation via Krylov Subspace Methods in a Finite Volume Framework	12-12-2025	10:24 AM - 10 :36 AM	AB II - 304	
1017	AI-Assisted Design of a Reusable Piezoelectric Shoe Sole for Wearable Energy Harvesting	12-12-2025	10:36 AM - 10 :48 AM	AB II - 304	
1019	Replicating Extreme Maneuvers of Anna’s Hummingbirds Using a Small Indoor Quadro-r: A Simulation and Proof-of-Concept Approach	12-12-2025	10:48 AM - 11:00 AM	AB II - 304	
1024	Performance Analysis of Battery Electric Vehicle and Ultracapaci-r Assisted Battery Electric Vehicle	12-12-2025	11:00 AM - 11:12 AM	AB II - 304	
1033	Machine Learning-Based Performance Optimization of SAP Analytical Queries Deployed on AWS Big Data Ecosystem	12-12-2025	11:12 AM - 11 : 24 AM	AB II - 304	
1055	Designing a Multi-Tier Data Governance Framework for SAP Applications on AWS Hybrid Cloud Infrastructures	12-12-2025	11:24 AM - 11:36 AM	AB II - 304	
1066	A Lightweight Data-Driven Modeling Framework - Improve Kinematic Response in Motion	12-12-2025	11:36 AM - 11:48 AM	AB II - 304	
268	Scalable Noise-Resilient Hybrid Quantum–Classical Generative Models for Advanced AI Applications	12-12-2025	11:48 AM - 12 :00 NOON	AB II - 304	
66	Implementation of an Adaptive Low- Power Neural Network for Tag-less Biometric Attendance Using Capacitive Sensors and FPGA Accelerators	11-12-2025	1:30 PM- 1:45 PM	AB II- 301	T1
102	Energy-Efficient DTMOS-Based Tunable MOSFET-C Filters for High-Frequency Applications	11-12-2025	1:45 PM- 2:00 PM	AB II- 301	
183	Adaptive Learning Framework With Domain-Specific Multimodal Integration for Scalable and Trustworthy AGI in Medical Imaging Diagnostics	11-12-2025	2:00 PM - 2:15 PM	AB II- 301	
319	A review paper on design of chaotic oscillator using current-feedback operational amplifier and its implementation in secure Communication	11-12-2025	2:15 PM - 2:30 PM	AB II- 301	
647	A Comparative Analysis of Half Adder using CMOS and Transmission Logic Gate in Cadence Virtuoso	11-12-2025	2:30 PM- 2:45 PM	AB II- 301	
730	Controlling of electric vehicle using PID based fuzzy logic controller	11-12-2025	2:45 PM - 3:00 PM	AB II- 301	
731	Maximum power extraction of solar photovoltaic cell using IC based ANFIS controller	11-12-2025	3:00 PM - 3:15 PM	AB II- 301	
737	Phase-I : Implementation of an FPGA-Enabled IoT Framework for Real-Time Wildfire Detection	11-12-2025	3:15 PM - 3:30 PM	AB II- 301	
738	Predicting Temperature Rise during Fast Charging of Li-ion Cells Using Random Forest and Gradient Boosting	11-12-2025	3:30 PM - 3:45 PM	AB II- 301	
769	Enhancement of Reinforcement Learning (RL) in Image Processing: Dynamic Attribute Optimization for Live Object Tracking in Evolving Video Streams	11-12-2025	3:45 PM- 4:00 PM	AB II- 301	
780	A Comprehensive Comparison of Data-Driven Models for State of Charge Estimation in Lithium-Ion Batteries	11-12-2025	4:00 PM- 4:15 PM	AB II- 301	
945	Random Forest Assisted Floorplanning Optimization in VLSI Design	11-12-2025	4:15 PM- 4:30 PM	AB II- 301	
11	IoT-Enabled Smart Posture Correction for Ergonomic Health	11-12-2025	1:30 PM – 1:43 PM	AB II- 304	
33	Smart Electronic Voting Machine with Biometric Authentication and Accessible Features	11-12-2025	1:43 PM – 1:56 PM	AB II- 304	
67	An Autonomous Agentic Framework for Interactive Code Men-ring and Error Resolution using Large Language Models	11-12-2025	1:56 PM – 2:09 PM	AB II- 304	
69	Edge Digital Twin for Real-Time Forest Fire Detection: A Generative–XAI Framework with Human-in-the-Loop Adaptation	11-12-2025	2:09 PM – 2:22 PM	AB II- 304	

101	REAL-TIME CROSS-PROJECT SOFTWARE FAULT PREDICTION USING TRANSFER LEARNING ,ONLINE LEARNING AND AU-ML	11-12-2025	2:22 PM – 2:35 PM	AB II- 304	T1
116	Sensor Based Approaches for Landslide Prediction: Review of Soil Moisture, Rainfall and Vibration Moni-ring Techniques	11-12-2025	2:35 PM – 2:48 PM	AB II- 304	
177	FlyDrop: Markerless Navigation for Autonomous Drones	11-12-2025	2:48 PM – 3:01 PM	AB II- 304	
119	Early Detection of Atrial Fibrillation using Real-Time Healthcare Analytics	11-12-2025	3:01 PM – 3:14 PM	AB II- 304	
122	EdgeAI-Med: A Scalable IoT-Driven Architecture for Privacy-Preserving Diagnostics in Intelligent Healthcare Networks	11-12-2025	3:14 PM – 3:27 PM	AB II- 304	
127	Deep Learning-Based Investigation of Glioma Detection and Grading Using Ensemble CNN	11-12-2025	3:27 PM – 3:40 PM	AB II- 304	
129	A Decentralized and Secure IoT Access Control Model Using Blockchain, Federated Learning, and Cryp-graphy	11-12-2025	3:40 PM – 3:53 PM	AB II- 304	
131	A Privacy-Preserving Blockchain and Federated Learning Model with Cryp-graphic Enhancements for IoT Security	11-12-2025	3:53 PM – 4:06 PM	AB II- 304	
132	A Robust Feature Selection Model for Adaptive E-Learning Recommender Systems	11-12-2025	4:06 PM – 4:18 PM	AB II - 304	
138	An Intelligent E-Learning Recommender System Using Hybrid Feature Selection and Deep Learning	11-12-2025	4:06 PM – 4:18 PM	AB II - 304	
141	Breast Cancer Classification Using Digitized Mammograms with Deep Convolutional Neural Networks	11-12-2025	4:18 PM – 4:30 PM	AB II - 304	
143	Intelligent Energy Prediction Mechanism for Smart Buildings Using CNN-BiLSTM and Occupant Count Data	11-12-2025	1:30 PM – 1:42 PM	AB II - 402	
152	AI for All: Evaluating the Impact of Artificial Intelligence -ols on Students with Disabilities	11-12-2025	1:42 PM – 1:54 PM	AB II - 402	
157	AI-Driven Route Mapping for Indoor Climbing: A Computer Vision Approach	11-12-2025	1:54 PM – 2:06 PM	AB II - 402	
230	Blockchain-Enabled Pro-cols for Secure and Scalable Data Transmission	11-12-2025	2:18 PM – 2:30 PM	AB II - 402	
236	Optimal Placement and Pricing of Electric Vehicle Charging Stations using Genetic Algorithms	11-12-2025	2:30 PM – 2:42 PM	AB II - 402	
291	-wards Next-Generation Sustainable Cancer Diagnosis- A Hybrid Transformer-Enhanced Texture-Attention Framework with Multi-Objective Optimization	11-12-2025	2:42 PM – 2:54 PM	AB II - 402	
303	Image-Based Detection and Classification of Skin Ulcers Using Deep Learning	11-12-2025	2:54 PM – 3:06 PM	AB II - 402	
333	A Particle Swarm Optimization Approach - Retaining Wall Optimization	11-12-2025	3:06 PM – 3:18 PM	AB II - 402	
338	Federated learning for secure and private data analysis in decentralized networks	11-12-2025	3:18 PM – 3:30 PM	AB II - 402	
339	Graph neural networks for recommendation systems: A survey and future directions	11-12-2025	3:30 PM – 3:42 PM	AB II - 402	
346	Wearable IoT Devices for Real-Time Health Moni-ring and Anomaly Detection	11-12-2025	3:42 PM – 3:54 PM	AB II - 402	
347	Federated Learning for Privacy-Preserving Medical Data Analysis	11-12-2025	3:54 PM – 4:06 PM	AB II - 402	
349	Large Language Model-enabled Multi-Agent Manufacturing Systems	11-12-2025	4:06 PM – 4:18 PM	AB II - 402	
387	An AI-Driven Intelligent Communication Framework for Lost-and-Found Services in Smart Cities	11-12-2025	4:18 PM – 4:30 PM	AB II - 402	
619	IoT Security Landscape: Risks, Challenges, and the Road - Robust Countermeasures	11-12-2025	4:31 PM – 4:45 PM	AB II - 402	
674	Hybrid Cloud-Edge Architecture for Enhancing IoT Device Autonomy	12-12-2025	9:00 AM – 9:12 AM	AB II - 302	T3
694	ILBESA: An Improved Lattice-based Biometric-Enabled Security Scheme for Medical Data Sharing	12-12-2025	9:12AM – 9:24 AM	AB II - 302	
700	Contracting with Algorithms: An AI-Era Blueprint for Hybrid Work and State Cost-Sharing	12-12-2025	9:24 AM – 9:36 AM	AB II - 302	
331	A Comprehensive Review of AI-Driven Emotional Companions in Digital Reading	12-12-2025	9:48 AM – 10:00 AM	AB II - 302	
710	MedGen-Trans: A Generative Transformer Framework for Advancing Healthcare with Generative AI	12-12-2025	10:00 AM – 10:12 AM	AB II - 302	
713	Fine-Tune: Integrating Fairness Constraints into Automated Hyperparameter Optimisation for Bias-Resistant ML Model	12-12-2025	10:12 AM – 10:24 AM	AB II - 302	
724	Machine Learning Approaches to Predict Business Performance in Green-Oriented Markets	12-12-2025	10:24 AM – 10:36 AM	AB II - 302	
742	MACHINE LEARNING BASED SECURITY ENHANCEMENT IN IOT	12-12-2025	10:36 AM – 10:48 AM	AB II - 302	
746	Real-Time Preventive Monitoring and Energy Optimization of CNC Motors	12-12-2025	10:48 AM – 11:00 AM	AB II - 302	
751	HRM Predictive Analytics Using Different Machine Learning Technique for Private Organization Employee Retention	12-12-2025	11:00 AM – 11:12 AM	AB II - 302	
761	Web-Based Fake News Detection through Transformer-GNN using deep learning	12-12-2025	11:12 AM – 11:24 AM	AB II - 302	
763	Object Recognition Using Thermal Images	12-12-2025	11:24 AM – 11:36 PM	AB II - 302	
768	HPC-Aware Feature Engineering for Predictive Maintenance: Using NASA C-MAPSS FD001	12-12-2025	11:36 AM - 11:48 AM	AB II - 302	
184	"Enhancing Cloud Security: An Integrated Threat Hunting Framework with Suricata IDS and Next-Generation Antivirus"	12-12-2025	11:48 AM - 12:00 Noon	AB II - 302	
620	Dempster-Shafer combination rule for multi-sensor data fusion with Zero Trust Security in IIoT (DS-MSDF)	12-12-2025	12:00 Noon - 12:12 PM	AB II - 302	

772	Improve Industrial Monitoring with Convolutional Neural Networks (CNNs): Real-Time Defect Identification with the Integration of Edge Computing and Automated Vision Sensors	12-12-2025	9:00 AM – 9:11 AM	AB II- 301	T4	
774	Recent Breast Cancer Categories, Detection Techniques, and Recommended Treatments	12-12-2025	9:11 AM – 9:22 AM	AB II- 301		
793	AI-Powered Fake News Detection: A BiLSTM-CNN With Attention Mechanism Approach	12-12-2025	9:22 AM – 9:33 AM	AB II- 301		
795	AI-Powered Fraud Detection in Financial Transactions: A Data-Driven Perspective	12-12-2025	9:33 AM – 9:44 AM	AB II- 301		
801	Study and analyze obfuscated, polymorphic, and zero-day malware behaviors: A Systematic Literature Review	12-12-2025	9:44 AM – 9:55 AM	AB II- 301		
842	Explainable and Privacy-Preserving Ensemble Framework for Phishing URL Detection	12-12-2025	9:55 AM – 10:06 AM	AB II- 301		
850	Dynamic Heart Disease Prediction Using Hybrid CNN-LSTM Deep Learning with Clinical Feature Enhancement	12-12-2025	10:06 AM – 10:17 AM	AB II- 301		
880	MediBox-Smart Autonomous Medicine Reminder & Dispenser for Efficient Healthcare	12-12-2025	10:17 AM – 10:28 AM	AB II- 301		
887	An Intelligent IoT-Enabled Entry Gateway for Contactless Health and Safety Screening	12-12-2025	10:28 AM – 10:39 AM	AB II- 301		
891	“IoT-Based Automated Office System for Energy Efficiency and Environmental Control in a Modern Workspace Management”	12-12-2025	10:39 AM – 10:50 AM	AB II- 301		
900	A Survey on Machine Learning-Based Fault Detection and Correction in Lithium-Ion Batteries using CatBoost Algorithm	12-12-2025	10:50 AM – 11:01 AM	AB II- 301		
1014	Stable and Delay Efficient Routing Objective Function for Mobile IoT Networks	12-12-2025	11:01 AM – 11:12 AM	AB II- 301		
1018	Advancements in Driver Safety using RESNET101 for Real-Time Drowsiness Detection	12-12-2025	11:12 AM – 11:24 AM	AB II- 301		
1048	Leveraging Reinforcement Learning for Dynamic Cybersecurity Policy Optimization in AWS-Based IoT Cloud Infrastructures	12-12-2025	11:24 AM – 11:36 AM	AB II- 301		
1085	Innovative Anomaly Detection Techniques - Enhance Security in Smart Environment Networks	12-12-2025	11:36 AM – 11:48 AM	AB II- 301		
1086	Deep Learning-Based Image Super-Resolution Reconstruction Powered by Convolutional Neural Networks	12-12-2025	11:48 AM – 12:00 PM	AB II- 301		
1088	Smart Traffic Congestion Reduction Using AI-Enabled Detection and Dynamic Signal Control	12-12-2025	1:30 PM – 1:42 PM	AB II - 403	T5	
1089	AI-Powered Agricultural System for Crop Recommendation and Farmer Decision Support	12-12-2025	1:42 PM – 1:54 PM	AB II - 403		
1090	Artificial Intelligence Techniques for Improving Mobile Forensic Analysis in Today's Digital Landscape	12-12-2025	1:54 PM – 2:06 PM	AB II - 403		
1093	Machine Learning and IoT-Based Traffic Flow Prediction for Intelligent Transportation Systems	12-12-2025	2:06 PM – 2:18 PM	AB II - 403		
1096	Enhancing Autonomous Vehicle Guidance Through Advanced Deep Learning Models	12-12-2025	2:18 PM – 2:30 PM	AB II - 403		
1098	Dermal Net-Transformer: A Multi-scale Explainable Deep Learning Framework for Early Skin Cancer Detection	12-12-2025	2:30 PM – 2:42 PM	AB II - 403		
1103	Implementing Cloud-Native Cybersecurity Mechanisms in AWS Architectures for Scalable and Resilient Threat Mitigation	12-12-2025	2:42 PM – 2:54 PM	AB II - 403		
1105	A Resilient Framework for Cloud-Native Intrusion Detection Leveraging Deep Learning Architectures in AWS-Centric Cybersecurity Environments	12-12-2025	2:54 PM – 3:06 PM	AB II - 403		
1107	Real vs. Fake Face Classification Using Convolutional Neural Networks	12-12-2025	3:06 PM – 3:18 PM	AB II - 403		
1110	Architecting Cybersecurity Solutions for Data Privacy, Governance, and Compliance in AWS Cloud Ecosystems	12-12-2025	3:18 PM – 3:30 PM	AB II - 403		
1116	Facial Emotion Recognition Using ResNet50	12-12-2025	3:30 PM – 3:42 PM	AB II - 403		
1122	Data driven approach for the electric vehicle charging using supervised machine learning	12-12-2025	3:42 PM – 3:54 PM	AB II - 403		
1123	Mapping the Blockchain Landscape: A Systematic Review of Frameworks, Consensus Models, and Research Directions	12-12-2025	3:54 PM – 4:06 PM	AB II - 403		
930	AI-enabled Analysis of Android APK files with Malware Risk Evaluation and Mitigation	12-12-2025	4:06 PM – 4:18 PM	AB II - 403		
377	Miniaturized 47 GHz Antenna Design for Emerging Millimeter-Wave Technologies	11-12-2025	1:30 PM - 1:41 PM	AB II - 302		T5
397	Exploring the Latest Innovations in Cloud Computing: A Comprehensive Systematic Review of Current Trends	11-12-2025	1:41 PM - 1:52 PM	AB II - 302		
414	A Blockchain-Based Framework for Secure Medical Prescription Validation with Privacy-Preserving Hash Storage	11-12-2025	1:52 PM - 2:03 PM	AB II - 302		
418	The Text Conversation as a Mental Health Predictor: NLP Techniques in the study of Mental Health Prediction	11-12-2025	2:03 PM - 2:15 PM	AB II - 302		
428	Voice-Driven Smart Home Automation System with AR-Enhanced Interfaces and Quantum Optimization	11-12-2025	2:15 PM - 2:26 PM	AB II - 302		
504	Exploiting Key and IV Reuse in AES-128: Analyzing Ciphertext Vulnerabilities	11-12-2025	2:26 PM - 2:37 PM	AB II - 302		

506	Orchestrating Distributed Deep Learning a-p Spark: A Systems-Centric Pathway for Scalable Big Data Training	11-12-2025	2:37 PM - 2:48 PM	AB II - 302	T1
597	Enhancing Safety Through an Au-mated CNG Gas Leak Detection and Alert System Using Real-Time Moni-ring	11-12-2025	2:48 PM - 3:00 PM	AB II - 302	
605	Deep Learning framework based High-Performance Monkey-pox Skin Lesion Classification	11-12-2025	3:00 PM - 3:11 PM	AB II - 302	
606	Framework for Au-mated Retail Checkout Using Real-Time Product Recognition	11-12-2025	3:11 PM - 3:22 PM	AB II - 302	
611	Employ Machine Learning - Optimize Resource Utilization and Response Time in Energy-Efficient Task Scheduling in Edge-Cloud Environmental variables	11-12-2025	3:22 PM - 3:33 PM	AB II - 302	
621	Bridging the Gap: Patient Education and Self-Management in Knee Osteoarthritis	11-12-2025	3:33 PM - 3:45 PM	AB II - 302	
664	Class-AB Power Amplifier for IoT Based Healthcare System	11-12-2025	3:45 PM - 3:57 PM	AB II - 302	
679	Explainable Ensemble Learning Approach for Workforce Layoff Forecasting and Youth Readiness	11-12-2025	3:57 PM - 4: 09 PM	AB II - 302	
906	Refinement of 41 GHz Planar Microstrip Radiating patch antenna for advancing Wireless Infrastructure	11-12-2025	4:09 PM - 4 : 21 PM	AB II - 302	
907	Proliferation of a 39GHz Ka-Band Microstrip Patch Antenna with efficacious ancillary geometry for 5G utilizations	11-12-2025	4: 21 PM - 4 : 33 PM	AB II - 302	
677	Next Generation AI-Enhanced Intelligent Imaging for Au-mated Knee X-ray Interpretation in Osteoarthritis: Fron-ffice Integration and Employee Training	12-12-2025	9:00 AM - 9:12 AM	AB II - 403	T2
691	Analysis of Cyber Attacks and Security Techniques for a IoT enabled Smart Grid	12-12-2025	9:12 AM TO 9:24 AM	AB II - 403	
696	A Novel Fuzzy Decision-Making Model for Employee Attrition Prediction using Ensemble Learning Techniques	12-12-2025	9:24 AM TO 9:36 AM	AB II - 403	
716	Design and Development of a Portable Mechanical Anesthesia Machine for Small Animals with Temperature Regulation	12-12-2025	9:36 AM TO 9:48 AM	AB II - 403	
718	Bridging Communication Barriers: A Review on Sign Language Recognition By means of Machine Learning and AI	12-12-2025	9:48 AM TO 10:00 AM	AB II - 403	
722	Integration of IoT in Healthcare Using Advanced Deep Learning Algorithms: A Research Survey	12-12-2025	10:00 AM TO 10:12 AM	AB II - 403	
726	Performance Optimization of Deepfake Video Identification Using a Hybrid CNN Framework	12-12-2025	11:48 AM - 12:00 Noon	AB II - 403	
727	From Satellites to Streets: Enhanced Multi-Modal Fog Detection for Safer Daily Transportation	12-12-2025	10:12 AM TO 10:24 AM	AB II - 403	
753	Role of Big Data Analytics in the Business Arena	12-12-2025	10:24 AM TO 10:36 AM	AB II - 403	
756	Real-Time Collaborative Programming: An Approach to Improving Productivity and Code Reliability	12-12-2025	10:36 AM TO 10:48 AM	AB II - 403	
915	Low Frequency Single Cycle Multi-Hop NoCs for High Performance and Energy Efficiency	12-12-2025	10:48 AM TO 11:00 AM	AB II - 403	
917	MATRIX APPROACHES IN GRAPH THEORY FOR CRYPTOGRAPHY AND SECURITY	12-12-2025	11:00 AM TO 11:12 AM	AB II - 403	
927	The Effectiveness of Specialised Conversational AI in Preliminary Medical Triage: A Comparative Analysis of Non-Maleficence-by-Design and General-Purpose Architecture	12-12-2025	11:12 AM TO 11:24 AM	AB II - 403	
939	AI-Driven Detection of Plant Diseases through Leaf Image Analysis	12-12-2025	11:24 AM TO 11:36 AM	AB II - 403	
940	An Interactive Student Learning Dashboard for Skill Enhancement with Adaptive Paths and Analysis Research	12-12-2025	11:36 AM TO 11:48 AM	AB II - 403	
941	Bridging First Aid Guidance with Real-Time Community Assistance for Public Health Emergencies	12-12-2025	9:00 AM - 9:14 AM	AB II- 301	
942	Vayupragna (Air Intelligence)- High-risk predictive health outcomes of air pollution exposure	12-12-2025	9:14 AM - 9:28 AM	AB II- 301	
948	Machine Learning for Predicting Cardiovascular Diseases Using EHR Data	12-12-2025	9:28 AM - 9:42 AM	AB II- 301	
949	VISOR: An AI-Powered Guiding Shield for Vision	12-12-2025	9:42 AM - 9:56 AM	AB II- 301	
956	Reinforcement Learning-Based Fog Resource Allocation for Dynamic Task Execution in Fog Environment	12-12-2025	9:56 AM - 10:10 AM	AB II- 301	
957	AI Based Video Summarization System	12-12-2025	10:10 AM - 10:24 AM	AB II- 301	
1001	Reinforcement Learning-Based Traffic Signal Control for Reducing Congestion and Enhancing Sustainable Urban Mobility	12-12-2025	10:24 AM - 10:38 AM	AB II- 301	
1005	Beyond Basic Classifiers: An Ensemble and Stacking Approach for Advanced Phishing Website Detection	12-12-2025	10:38 AM - 10:52 AM	AB II- 301	
1006	Analysis of Global Rise of AI in Multi-domain Military Operations	12-12-2025	10:52 AM - 11:06 AM	AB II- 301	
1073	Forecasting of Financial Time Series for Market Efficiency and Predictive Patterns using Deep Learning Model	12-12-2025	11:06 AM - 11:20 AM	AB II- 301	
1074	AI based vocational guidance system using fuzzy method: Adolescent interests for career profiling	12-12-2025	11:20 AM - 11:34 AM	AB II- 301	
1075	Analysis of Adolescent Interests for Vocational Guidance with a Data-Driven Decision Support System	12-12-2025	11:34 AM - 11:48 AM	AB II- 301	
1078	Career guidance system using artificial intelligence for decision-making based on the interests of adolescents	12-12-2025	11:48 AM - 12:00 NOON	AB II- 301	
7	Performance Analysis of Junctionless Gate-All-Around Transis-r for Sub-10 nm Channel length	12-12-2025	1:30 PM – 1:45 PM	AB II- 301	
31	IntuitIQ - AI Driven Calcula-r	12-12-2025	1:45 PM – 2:00 PM	AB II- 301	

110	Thermal Performance Comparison of Si and GaAs Channel Stack Oxide Junctionless FinFET based Ammonia Gas Sensor	12-12-2025	2:00 PM – 2:15 PM	AB II- 301	T1
156	Optimizing Data-Parallel Workflows for Scientific Computing: Harnessing HPC Resources for Scalable Analytics	12-12-2025	2:15 PM – 2:30 PM	AB II- 301	
176	Improvement of Leakage Current of Short Channel Effect in FinFET	12-12-2025	2:30 PM – 2:45 PM	AB II- 301	
215	Machine Learning-Driven Optimization of Microgrid Energy Management with LSTM Forecasting and DQN-Based Dispatch	12-12-2025	2:45 PM – 3:00 PM	AB II- 301	
216	Au-mated Load Forecasting in Power Systems Using Deep Learning Models with LSTM Networks	12-12-2025	3:00 PM – 3:15 PM	AB II- 301	
233	Latent Space Exploitation through Convolutional Au-encoders for Enhanced Image Denoising on Structured Datasets	12-12-2025	3:15 PM – 3:30 PM	AB II- 301	
385	Performance Enhancement of Transformer based Stacked Cascade Multilevel Inverter Using Modified SPWM Control	12-12-2025	3:30 PM – 3:45 PM	AB II- 301	
729	Wearable Biosensors for Continuous Monitoring of Physiological Signals: A Review and Future Perspectives	12-12-2025	3:45PM – 4:00 PM	AB II- 301	
901	Design and Simulation of a CubeSat for Natural Disaster Detection Using Environmental Sensors	12-12-2025	4:00 PM – 4:15 PM	AB II- 301	
903	Re-Design of a Heat Sink through Biomimicry for Enhanced Thermal Management	12-12-2025	4:15 PM – 4:30 PM	AB II- 301	
90	Triple Band Dual Element Bow-Tie Antenna for Wirelss Application	11-12-2025	1:30 PM – 1:45PM	AB II - 303	T1
91	Four Port High Isolation Planer Antenna with Capacitive Inductive Decoupling with Ground Shorted Patch Antenna	11-12-2025	1:45 PM – 2:00 PM	AB II - 303	
137	Wide Band High Gain and High Isolated MIMO Antenna for Sub-6 GHz Applications	11-12-2025	2:00 PM – 2:15 PM	AB II - 303	
144	Analysis and Designing of a Novel Compact 2-Port MIMO Antenna for n260 band 5G Applications	11-12-2025	2:15 PM – 2:30 PM	AB II - 303	
771	Leverage Blockchain in Embedded Systems for Decentralized Access Logging and Secure Data Exchange in Medical Equipment	11-12-2025	2:30 PM – 2:45 PM	AB II - 303	
916	Hybrid Beam Steerable & Low RCS UWB Vivaldi Antenna Array for Ground Surveillance Radar Systems	11-12-2025	2:45 PM – 3:00 PM	AB II - 303	
920	A Slot-Loaded Rectangular Microstrip Patch Antenna with Multi-Shape Slots for 47 GHz V-Band Single-Band Applications	11-12-2025	3: 00 PM - 3:15 PM	AB II - 303	
1120	Fifth Generation (5G) Technology: A Review	11-12-2025	3:15 PM - 3:30 PM	AB II - 303	
1121	A REVIEW OF THE DESIGN AND PERFORMANCE OF PASSIVE 5G mmWAVE MULTI-PORT ANTENNA ON PRINTED PCB	11-12-2025	3:30 PM - 3:45 PM	AB II - 303	
1124	Four Port X-mmWave MIMO Antenna for High-Speed Wireless Applications	11-12-2025	3:45 PM - 4: 00 PM	AB II - 303	