ICEAI 2026 Paper Presentation Schedule

	Session	Venue	Session Chair	Presentation Time	Paper ID	Paper Title
Day 1 (21 November)	**Session 1**	Lecture Theater (Ground Floor, New Academic Block)	Dr. Zafar Ali Shah	12:10 PM – 12:30 PM	8	Optimization in Power Distribution Network for Power Quality Improvement Using Meta-Heuristic Algorithm
				12:30 PM – 12:50 PM	103	Low-Light Image Enhancement for Object Detection: A Comparative Study and a Detection-Aware Adaptive Fusion Network
				12:50 PM – 1:10 PM	21	Univariate vs. Multivariate Microclimate Forecasting: A Multi-Horizon Neural Benchmark Across Subtropical, Temperate, and Arid Biomes
				1:10 PM – 1:30 PM	32	Mobile Lightweight Intrusion Detection System
		EE-01 A-101 (First Floor, New Academic Block)	Dr. Jawad Ali	12:10 PM – 12:30 PM	63	A Cross-Sectional Machine Learning Analysis of Self-Reported PCOS Data from Pakistani Women
				12:30 PM – 12:50 PM	17	Testing What You Cannot Instrument: Corpus-Grounded Continuous Evaluation of Deployed Language-Model Applications
				12:50 PM – 1:10 PM	68	A Comprehensive Evaluation of Existing Methods and Techniques in Explainable AI
				1:10 PM – 1:30 PM	70	Time Surface Encoded Spiking Neural Networks for Transmission Line Fault Classification on Noisy Memristive Crossbars
		CAD Lab A-005 MED (Ground Floor, New Academic Block)	Dr. Shams ur Rahman	12:10 PM – 12:30 PM	96	Weaponized Violence Detection in Industry 5.0 Using Advanced YOLO Models
				12:30 PM – 12:50 PM	67	Role of AI/ML in Reconfigurable Intelligent Surfaces (RISs) for Future Generation Wireless Networks: A Survey of Artificial Intelligence/Machine-Learning Techniques for 6G
				12:50 PM – 1:10 PM	33	EHNN-DT: A Multi-Task Hybrid Deep Learning Framework for Efficient and Safe CRISPR Guide Design in Sickle Cell Disease Gene Therapy
				1:10 PM – 1:30 PM	38	Efficient Multi-Class Classification of Paddy Fields Pests Using MobileNetV3 with Transfer Learning and Grad-CAM Explainability
	Session 2	Lecture Theater (Ground Floor, New Academic Block)	Dr. Zafar Ali Shah	3:30 PM – 3:50 PM	39	Retinal Foundation Models vs. Conventional CNNs for Diabetic Retinopathy Screening: A Cross-Dataset Robustness
				3:50 PM – 4:10 PM	43	A Dual-Path Diagnostic Framework for Alzheimer's Disease Using MRI-Based Deep Learning and clinical data with XGBoost
				4:10 PM – 4:30 PM	45	Does DCGAN-Based Synthetic Augmentation Improve Brain Tumor MRI Classification? An Empirical Study
				4:30 PM – 4:50 PM	49	Bidirectional Electric Vehicle Charger with Vehicle-to-Grid (V2G) Support Using Fuzzy Logic Controller for Enhanced Grid Integration
		EE-01 A-101 (First Floor, New Academic Block)	Dr. Jawad Ali	3:30 PM – 3:50 PM	77	AI intervention and Degradation-Aware Dispatch for feasible BESS Integration in Grid: An AI Application to Climate Change
				3:50 PM – 4:10 PM	82	Physics-Informed Lightweight Machine Learning for Explainable Remaining Useful Life Estimation in Lithium-Ion Batteries
				4:10 PM – 4:30 PM	90	Conditional Coverage of Conformal Prediction Intervals for Combined Cycle Power Plant Output Forecasting
				4:30 PM – 4:50 PM	107	A Stepwise Comparison of Backpropagation, Evolutionary, and Recurrent Learning Methods for Next-Hour UV Index Prediction
		CAD Lab A-005 MED (Ground Floor, New Academic Block)	Dr. Shams ur Rahman	3:30 PM – 3:50 PM	110	DrillSR3D: Multispectral-Guided 3D Deep Learning for Hyperspectral Super-Resolution of Drill-Core Imagery
				3:50 PM – 4:10 PM	129	Multimodal Chain-of-Thought Reasoning: A Comprehensive Survey of Architectures, Dynamic Control, Faithfulness, and Visual Grounding
				4:30 PM – 4:50 PM	69	Explainable Semi-Supervised Transformer-Based Learning for HER2 Scoring: Reducing Annotation Dependency and Assisting Pathologists
Day 2 (22 November)	**Session 1**	Lecture Theater (Ground Floor, New Academic Block)	Dr. Zafar Ali Shah	11:30 AM – 11:50 AM	53	Improving Automated Diabetic Retinopathy Severity Grading Using DenseNet121: A Comparative Study of Optimization and Regularization Techniques
				11:50 AM – 12:10 PM	56	Transformative Impacts of Explainable AI on E-Commerce Analytics and Decision-Making Processes
				12:10 PM – 12:30 PM	57	Adaptive Gated Multimodal Deep Learning for Atypical Myocardial Infarction Detection in Women Using 12-Lead ECG and Clinical Features
				12:30 PM – 12:50 PM	78	LinguaCall: An Optimized English-Urdu Speech-to-Speech Translation System for Real-Time Calling
				12:50 PM – 1:10 PM	62	Explainable Machine Learning for Low-Cost Groundwater Quality Monitoring in Khyber Pakhtunkhwa
				1:10 PM – 1:30 PM	51	AutoValid: An AI-Driven, Coverage-Centric Black-Box Testing Platform for Dynamic Web Applications
		EE-01 A-101 (First Floor, New Academic Block)	Dr. Jawad Ali	11:30 AM – 11:50 AM	118	Zero-Current Switching Adaptive Electronic Load Controller for Off-Grid Wind Power Generation
				11:50 AM – 12:10 PM	124	Detection and Classification of Brain Tumors Using an Optimized Feature Extraction and Machine Learning Technique
				12:10 PM – 12:30 PM	130	Direct Multilingual Retrieval vs. Translation-Cascade RAG in Real-Time Code-Switched Voice Agents: An Empirical Comparison
				12:30 PM – 12:50 PM	4	Hybrid Quantum-Classical Deep Learning for Efficient Optimization and Classification in NISQ Devices
				12:50 PM – 1:10 PM	134	YOLO-Guided Localization and CNN-Based Classification of Glaucoma and Cataract from Fundus Photographs
				1:10 PM – 1:30 PM	46	Early Stillbirth Risk Prediction using XAI
		CAD Lab A-005 MED (Ground Floor, New Academic Block)	Dr. Shams ur Rahman	11:30 AM – 11:50 AM	52	CGPLSTM-MIMO Evolutionary Architecture Search of Recurrent Networks for Multi-Step Solar UV Index Forecasting
				11:50 AM – 12:10 PM	102	Smellify: Framework-Aware Program Analysis Approach for Code Smell Detection in MERN Applications
				12:10 PM – 12:30 PM	65	AI-Assisted Energy Management of an Off-Grid Hybrid Renewable Microgrid Using Real Residential Load Data from Karachi
				12:30 PM – 12:50 PM	89	A Multi-Task LSTM-TWEANN–XGBoost Ensemble for Next-Day Rainfall, Streamflow, and High-Flow Risk Prediction
				12:50 PM – 1:10 PM	66	FinFlow: An AI-Powered Personal Finance Advisor for Transaction Categorization and Context-Grounded Guidance