

# 6<sup>TH</sup> INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE & INTERNET OF THINGS (ICCIOT), 2026

February 16-17, 2026  
UET Peshawar

## CONFERENCE SCHEDULE

### DAY 1 / 16 FEBRUARY, 2026

Time	Venue	Program
09:00-10:00 AM	Electrical Main Hall	► Registration
10:00-11:30 AM	Electrical Main Hall	► Opening Ceremony
<b>Tea Break / Refreshments (11:30 – 12:30 PM)</b>		
12:30-01:30 PM	Electrical Main Hall	► Keynote Session 1 From Crisis to Resilience: Digital Innovation for Indus Basin Water Security
<b>Lunch / Namaz Break (01:30 – 02:00 PM)</b>		
02:00-03:00 PM	Video Conference Hall	► Keynote Session 2 Emerging Lightweight Encryption Methods for IoT Devices in Healthcare Applications
03:00-04:00 PM	Video Conference Hall	► Keynote Session 3 Artificial Intelligence in Learning and Teaching: Is Learning at a Cross Road?
<b>Parallel Technical Conference Sessions (Physical) (02:30 – 04:30 PM)</b>		

Hall 1		
Paper ID	Paper Title	Time
8	Predicting Academic Outcomes Using Machine Learning	2:30-2:40 pm
9	Computer Vision-Based Pose Estimation for Personalized Remote Rehabilitation: Enhancing Guidance and Monitoring	2:40-2:50 pm
10	Optimizing Lightweight Cryptographic Algorithms for Performance on Arduino-Based IoT Systems	2:50-3:00 pm
22	Integrating AI, IoT and Six Sigma for Smart Health Optimization	3:00-3:10 pm
37	Optimization of Rooftop Solar Integration with National Grid	3:10-3:20 pm
53	Estimation of Tobacco Latent Heat Flux for efficient water use using Sentinels	3:20-3:30 pm
54	Capabilities of Segment Anything Model (SAM) for Parcels Delineation in Small Holder Agriculture.	3:30-3:40 pm
58	A Machine Learning Enabled Community-Based Off-Grid Photovoltaic System for Adaptive Load Allocation and Energy Management	3:40-3:50 pm
66	Transfer Learning and Fine-Tuning of Deep Learning Models for Disease Detection in Plants	3:50-4:00 pm
82	Transfer Learning for Cross-Domain Traffic Flow Prediction: A LightGBM-Based Approach	4:00-4:10 pm

Hall 2		
Paper ID	Paper Title	Time
86	An Analytical and Numerical Study of MHD Darcy-Forchheimer Nano-fluid Radiative Flow Past a Vertical Oscillating Sheet	2:30-2:40 pm
105	Robust Phishing Website Detection Through Machine Learning and Feature-Based Analysis	2:40-2:50 pm
90	GIS-based Modified DRASTIC Integration for Groundwater Vulnerability Assessment in an Arid Region	2:50-3:00 pm
93	Intelligent Injury Prevention for Athletes: A Machine Learning Approach	3:00-3:10 pm
97	Multi-criteria Spatial Assessment of Rainwater Harvesting Hotspots for Sustainable Agriculture in Selected Agro-Climatic Zones of KP, Pakistan	3:10-3:20 pm
98	Cuda-Enabled Dynamic Time Warping for Crop Classification	3:20-3:30 pm
100	Groundwater Vulnerability Mapping in Rahim Yar Khan Using a PCA-Driven Multi-Indicator Approach	3:30-3:40 pm
101	Assessment of In-Situ Soil Moisture Sensors Combined with Satellite Vegetation Indices on Wheat Irrigation and Yield Variability in Mansehra, Pakistan	3:40-3:50 pm

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### DAY 2 / 17 FEBRUARY, 2026

Time	Venue	Program
10:00-11:00 AM	Video Conference Hall	► Keynote Session 4 Live 3D Digital Twins Powering Connected Autonomy
11:00-12:00 PM	Video Conference Hall	► Workshop Session From Prompt to Production: Building LLM Chatbots for IoT and Smart Applications
12:00-01:00 PM	Video Conference Hall	► Keynote Session 5 Explainable AI for Critical Infrastructure: Trust, Transparency, and Impact

### Parallel Technical Conference Sessions (Online) (10:00 – 01:00 PM)

Hall 1		
Paper ID	Paper Title	Time
1	Comparative Analysis of Closed-form and Metaheuristic-based Power Allocation in SISO VLC-NOMA Systems	10:00-10:10 am
4	Sairaab: A Data Driven, Community Oriented Urban Greening Platform to Combat Urban Heat Island (UHI) Effect in Karachi	10:10-10:20 am
5	Cybersecurity and Data Privacy Implications of Large Scale Ghibli-Style Image Uploads in AI-Based Image Transformation Systems	10:20-10:30 am
6	Early Detection of Autism Spectrum Disorder Using Machine Learning: Design and Implementation of a Predictive System	10:30-10:40 am
7	An IoT-Enabled Smart Home Automation System for Energy Efficiency with Web-Based Control	10:40-10:50 am
11	Neuro Care: A Mental Health ChatBot Trained via Fine Tuned Large Language Models	10:50-11:00 am
12	Computational Complexity and Estimation Accuracy Trade-offs for High-Resolution Through-the-Wall Imaging	11:00-11:10 am
13	A Robust Residual Autoencoder Framework for Anomaly-Based Network Intrusion Detection	11:10-11:20 am

Hall 2		
Paper ID	Paper Title	Time
16	DziriFake: A Dataset and Comparative Benchmark of Large Language Models for Fake News Detection in Algerian Dialect	10:00-10:10 am
21	Air2Air: A Real-World Drone-to-Drone Dataset and Edge-Optimized Pipeline for Real-Time UAV Detection	10:10-10:20 am
22	Early Diagnosis of Chronic Kidney Disease Using a Multi-Layer Perceptron Model	10:20-10:30 am
26	Comparative Evaluation of Deep Learning Models for Fake Image Detection	10:30-10:40 am
36	Geospatial Indices to Assess Controlling Factors of Groundwater Across South Asia	10:40-10:50 am
55	Intelligent Scheduling and Resource Allocation Using Machine Learning in Software Project Management	10:50-11:00 am
56	Non-Intrusive Appliance Identification and Classification Using Computer Vision	11:00-11:10 am
59	Explainable AI-Driven Prediction of Colorectal Cancer Recurrence using Machine Learning and Deep Learning Models	11:10-11:20 am
104	ASTacking-Based Ensemble Learning Framework for Personalized Movement Rehabilitation Using Wearable Sensors	11:20-11:30 am

Hall 3		
Paper ID	Paper Title	Time
60	Comprehensive Heart Disease Prediction Using Machine Learning Algorithms	10:00-10:10 am
68	A Solar-Powered Smart Greenhouse Management System Using IoT and Machine Learning for Sustainable Agriculture	10:10-10:20 am
81	An Explainable Machine Learning Framework for Diabetes Prediction Using Clinical Risk Factors	10:20-10:30 am
84	PakHPC-EdgeSense: A High-Performance Computing Architecture for Edge and IoT Devices	10:30-10:40 am
85	PakHPC-Sim: Scalable and Heterogeneous Supercomputing Platform for Modeling and Simulations	10:40-10:50 am
99	OralGuardAI: Multimodal AI System For Early Detection Of Oral Cancer	10:50-11:00 am
102	Breast Cancer Histopathological Image Classification Using MobileNetV3-Small	11:00-11:10 am
89	Implementation of Stride Prediction and Prefetch Buffering for PicoRV32 RISC-V Processor	11:10-11:20 am

01:00-01:30 PM Video Conference Hall

► Keynote Session 6  
How AI Is Creating a New Generation of Solopreneurs and Micro Startups

Lunch / Namaz Break (01:30 – 02:30 PM)

02:30-03:30 PM

Video Conference Hall

► Closing Ceremony