



CONFERENCE SCHEDULE



ICTIS'24

A TECH INNOVATIVE CONFERENCE



UET PESHAWAR

ESTEEMED PARTNER





CONFERENCE SCHEDULE

Day - 1

29th April 2024

09:00-10:00 AM

10:00-11:00 AM

11:00-11:30 AM

11:30-12:30 PM

(Video Conference Hall)

12:30-01:30 PM

(Video Conference Hall)

12:00-01:30 PM

		Hall 1
Session Chair		Dr. Sohail Imran (INU)
Session Co-Chair		Dr. Amaad Khalil
Time	I.D	Paper Title
12:00 - 12:15 PM	01	Classification of Medical Images Through Convolutional Neural Network Modification Method
12:15 - 12:30 PM	02	On Evaluation of Discrete RL Agents for Traffic Scheduling and Trajectory Optimization of UAV-based Network With Multiple RIS Unit
12:30 - 12:45 PM	03	Machine Learning Based Estimation of End Effector Position in Three Dimension Robotic Workspace
12:45 - 01:00 PM	04	Hybrid Approach to Solve Thermal Power Plants Fuel Cost Optimization Using Ant Lion Optimizer With Newton Based Local Search Technique
01:00 - 01:15 PM	05	Smart Fire Safety: Real-Time Segmentation and Alerts Using Deep Learning

01:30-02:30 PM

02:30-03:30 PM

(Video Conference Hall)

03:30-04:30 PM

(Video Conference Hall)

03:00-04:30 PM

		Hall 1
Session Chair		Dr. Khurram Khattak
Session Co-Chair		Dr. Yasir Afridi
Time	I.D	Paper Title
3:00 - 3:15 PM	11	Meta-Space: Pioneering Education in the Metaverse
3:15 - 3:30 PM	12	Use of Artificial Intelligence in Ethereum Forecasting: The Deep Learning Models RNN, and CNN With Ensemble Averaging Technique
3:30 - 3:45 PM	13	Model-Based Vs Model Free Deep Reinforcement Learning Models for Cancer Treatment: A Critical Analysis With a Solution DRL Model
3:45 - 4:00 PM	14	Investigating Threats to ICS and SCADA Systems via HoneyPot Data Analysis and SIEM
4:00 - 4:15 PM	15	SkinScan: Cutting-Edge AI-Powered Skin Cancer Detection App for Early Diagnosis and Prevention

04:30-05:00 PM

Registration

Opening Ceremony

Tea Break

Landscape of Developer Ecosystem in Pakistan

By **Huzaifa Habib** (Keynote Speaker)

Community Manager at Google

CPD Session 1

Use of GIS in Water resources Engineering: Pitfalls of Auto-delineation By **Dr.Asif Khan**

Water & Climate change expert with ADB & World Bank

Conference Session 1

		Hall 2
Session Chair		Dr. Nasir Ahmed
Session Co-Chair		Dr. Muniba Ashfaq
Time	I.D	Paper Title
12:00 - 12:15 PM	06	Modeling of Post-Myocardial Infarction and Its Solution Through Artificial Neural Network
12:15 - 12:30 PM	07	Honey Adulteration Detection Through Hyperspectral Imaging and Machine Learning
12:30 - 12:45 PM	08	Optimized Coverage and Capacity Planning of WiFi Network based on Radio Frequency Modeling & Propagation Simulation
12:45 - 01:00 PM	09	Breast Masses Detection Using YOLOv8
01:00 - 01:15 PM	10	AI-driven Prediction of Electricity Production and Consumption in Micro-Hydropower Plant

LUNCH & NAMAZ BREAK

CPD Session 2

Energy saving opportunities through Energy Audits.

By **CIBEA Pakistan**

A Leading energy assessment company Pakistan

Flutter: Your Bridge to Seamless Multi-Platform Apps

By **Muhammad Zeeshan** (Keynote Speaker)

Web & App Developer

Conference Session 2

		Hall 2
Session Chair		Dr. Safdar Marwat
Session Co-Chair		Dr. Abeer Irfan
Time	I.D	Paper Title
3:00 - 3:15 PM	16	Combatting Illegal Logging With AI Powered IoT Devices for Forest Monitoring
3:15 - 3:30 PM	17	Exploring Hardware Security Ring Oscillator Based PUF Implementation on Xilinx 7 Series FPGAs
3:30 - 3:45 PM	18	GAMEBRAINS: NPCs Intelligence Using Neural Network Brains
3:45 - 4:00 PM	19	Artificial Intelligence Based Seed Germination, Prediction, and Quality Assessment
4:00 - 4:15 PM	20	Drinking Water Monitoring: Computer Vision Kit for Early E.coli Detection

Refreshments

CONFERENCE SCHEDULE

Day - 2

30th April 2024

10:00-11:00 AM

(Video Conference Hall)

11:00-12:00 PM

(Video Conference Hall)

11:00-12:30 PM

Hall 1		
Session Chair	Dr. Sheeraz Ahmed (INU)	
Session Co-Chair	Dr. Athar Javed Sethi	
Time	I.D	Paper Title
11:00 - 11:15 PM	21	Low Cost Smart Metering Using Deep Learning
12:15 - 11:30 PM	22	Visually Assisting the Visually Impaired People Through AI-Assisted Mobility
11:30 - 11:45 PM	23	An Aggregated Approach Towards NILM on ACS-F2 Using Machine Learning
11:45 - 12:00 PM	24	Relevance Classification of Flood-Related Tweets using XLNET Deep Learning Model
12:00 - 12:15 PM	25	Exploring Political Emotions: Sentiment Analysis of Urdu Tweets

Game Development: Pioneering Technological Innovation

By **Engr. Hameed Ullah Jan** (Keynote Speaker)
CEO AptechMedia Game Development

Attracting Top Talent in the AI Era: "Insights from Afiniti "

Session by **Imran Khan** (Keynote Speaker)
Digital Transformation Professional

Conference Session 3

Hall 2		
Session Chair	Dr. Amjad Ali	
Session Co-Chair	Engr.Sumayyaa Salahuddin	
Time	I.D	Paper Title
11:00 - 11:15 PM	26	Stress Detection and Prediction Using CNNs From Electrocardiogram Signals
11:15 - 11:30 PM	27	Beyond CNNs: Encoded Context for Image Inpainting With LSTMs and Pixel CNNs
11:30 - 11:45 PM	28	Comparative Study On Harassment Stance Detection Using Social Media Texts Through Deep Learning Methods
11:45 - 12:00 PM	29	Delineation of Crop Field Boundries
12:00 - 12:15 PM	30	Sherpa Implementing a Hybrid Recommendation System for Next Gen Tourist Experience

12:30-02:00 PM

LUNCH & NAMAZ BREAK

02:00-03:15 PM

Hall 1		
Session Chair	Dr. Arbab Masood	
Session Co-Chair	Dr. Rehmat Ullah Khattak	
Time	I.D	Paper Title
2:00 - 2:15 PM	31	Performance Analysis Of A Hybrid Recommender System.
2:15 - 2:30 PM	32	NEUROSCAN Revolutionizing brain tumor detection using Vision-Transformer
2:30 - 2:45 PM	33	Detection of Holes in Point Clouds using Statistical Technique
2:45 - 3:00 PM	34	Customer Reviews Analysis platform by correlating sentiment analysis and text clustering
3:00 - 3:15 PM	35	Mobile Enabled Application Machine Learning based Wheat Disease Diagnosis

Conference Session 4

Hall 2		
Session Chair	Dr. Ihsan Ul Haq	
Session Co-Chair	Dr. Madiha Sher	
Time	I.D	Paper Title
2:00 - 2:15 PM	36	Home Automation Using Internet of Things and Machine Learning
2:15 - 2:30 PM	37	Deep Learning-Based Skin Cancer Segmentation
2:30 - 2:45 PM	38	Stock Market Analysis and Prediction
2:45 - 3:00 PM	39	Land Subsidence in Quetta Valley

03:30 PM

Closing Ceremony/Refreshments