



**MUHAMMAD NAWAZ SHARIF  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY, MULTAN**

International Conference on Advances in Applied Artificial Intelligence  
(ICAAI-2026)

**PROGRAM DETAILS**

**Day 01 (16-06-2026)**

<b>Event</b>	<b>Timeline (Pakistan Standard Time)</b>
Participant Registrations	08:00 AM ~ 09:00 AM
Inauguration of ICAAI-2026 (Ribbon Cutting Ceremony)	At 09:00 AM
Welcome Note and Recitation of Holy Quran	09:00 AM ~ 09:10 AM
National Anthem	09:10 AM ~ 09:15 AM
Welcome Address by Patron-In-Chief <b>Prof. Dr. Tauseef Aized (Vice Chancellor, MNS UET)</b>	09:15 AM ~ 09:45 AM
Welcome Address by Guest of Honor	09:45 AM ~ 10:00 AM
<b>Keynote Talk by International and National Keynote Speakers</b>	
<b>Prof. IR. Dr. Suhana Binti Mohd Said</b> Professor, Department of Electrical Engineering, Universiti Malaya, Kuala Lumpur, Malaysia.	10:00 AM ~ 10:30 AM
<b>Prof. Dr. Qammer H. Abbasi</b> Department of Applied Electromagnetics & Sensing, The University of Glasgow.	10:30 AM ~ 11:00 AM
<b>Tea Break and Connectivity Session</b>	
<b>Prof. Dr. Ghulam Moeen Uddin</b> Professor, Department of Mechanical Engineering University of Engineering & Technology Lahore.	11:00 AM ~ 11:30 AM
<b>Prof. Dr. Ghulam Moeen Uddin</b> Professor, Department of Mechanical Engineering University of Engineering & Technology Lahore.	11:30 AM ~ 12:00 Noon
<b>Dr. Muhammed Ali Nur Öz</b> Assistant Professor, Department of Computer Engineering, Sakarya University of Applied Sciences, Sakarya, Turkey.	12:00 Noon ~ 12:30 PM
<b>Dr. Attique Ur Rehman</b> Consultant (Energy), Planning Commission, Ministry of Planning Development & Special Initiatives. Isb.	12:30 PM ~ 01:00 PM
<b>Prayer &amp; Lunch Break</b>	
<b>Parallel Sessions</b>	
<b>Conference Hall 01</b>	
Presenter 01	02:00 PM ~ 02:20 PM
Presenter 02	02:20 PM ~ 02:40 PM
Presenter 03	02:40 PM ~ 03:00 PM
Presenter 04	03:00 PM ~ 03:20 PM
Presenter 05	03:20 PM ~ 03:40 PM
Presenter 06	03:40 PM ~ 04:00 PM
Presenter 07	04:00 PM ~ 04:20 PM
Presenter 08	04:20 PM ~ 04:40 PM
<b>Conference Hall 02</b>	
Presenter 09	02:00 PM ~ 02:20 PM
Presenter 10	02:20 PM ~ 02:40 PM
Presenter 11	02:40 PM ~ 03:00 PM
Presenter 12	03:00 PM ~ 03:20 PM
Presenter 13	03:20 PM ~ 03:40 PM
Presenter 14	03:40 PM ~ 04:00 PM
Presenter 15	04:00 PM ~ 04:20 PM
Presenter 16	04:20 PM ~ 04:40 PM
<b>Tea Break and Poster Presentations</b>	
End of Day 01	

**(Engr. Mahboob Ahmad Aadil)**  
Convener ICAAI-2026



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**DETAILS OF PRESENTERS, TITLE OF PRESENTATION, AFFILIATION (DAY-01)**

<b>No.</b>	<b>Presenter Name</b>	<b>Title of Talk</b>	<b>Affiliation</b>
01	Dr. Farhan Sadiq (Physical)	Thienyl Core-Substituted Arylimides as Heavy Atom-Free Triplet Photosensitizers	MNS UET Multan Pakistan.
02	Rammiz Ul Hassan (Physical)	Hybrid Hydrodynamic and AI-Based Analysis of Coupled Offshore Installation Operations	Punjab Tianjin University of Technology, Lahore, Pakistan
03	Bermal Aratoğlu (Online)	Texture-Guided Frequency Residual Network for Underwater Image Enhancement	Information Systems Engineering Sakarya University Turkey.
04	Furkan Ekrem İyibilgin (Online)	“Wavelet-Based Physics-Constrained Representation Learning for Anomaly Detection in Rotating Machinery”	Computer Engg. Sakarya University of Applied Sciences, Sakarya, Turkey.
05	Yiğit Şeker (Online)	A Two-Stage YOLOv8 and Efficient Net-Based Retail Product Recognition Framework for Smart Shopping Cart Systems	Software Engineering Sakarya University Turkey.
06	Siti Falindah Padlee (Online)	From digital opportunities to scalable venture: a capability-based model of entrepreneurial action in emerging economics	Universiti Malaysia, Malaysia.
07	Muhammad Jamshed (Physical)	Design, Evaluation, and Performance Analysis of an Automatic Tea Maker	UET Lahore Pakistan.
08	Dr. Amina (Physical)	Artificial Intelligence for Real-Time Modeling and Prediction of Ultrafast Laser Filamentation in Nonlinear Media	Bacha Khan University Charsadda, Pakistan
09	Dr. Amna Asif Lodhi (Physical)	Mechanistic Understanding of How AI-Adaptive Rehabilitation Gaming Drives Neuroplasticity for Long-term Sustainability, Adherence and Home-based Deployment	Riphah International University, Sahiwal campus Pakistan
10	Sunaina Shamshad (Physical)	Deep Fusion of Color, Texture, and Shape Features for Visual Content Analysis	MNS UET Multan Pakistan
11	Dr. Sobia Rafique (Physical)	Generalized Ostrowski type integral inequalities via generalized polynomials on time scales with simulation	MNS UET Multan Pakistan.
12	Syed Zubair Bilal (Physical)	Finger Abnormality Detection in X-ray Images Using DenseNet201 Deep Learning Architecture	MNS UET Multan Pakistan.



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13	Ubaid Ur Rehman (Online)	AI-Based Source Code Vulnerability Detection System	MNS UET Multan, Pakistan.
14	Saif ur Rehman (Online)	Design and Development of An Artificial Intelligence Based Virtual Assistant	MNS UET Multan Pakistan.
15	Ubaidullah (Online)	AgriVision-Bot: An Ai powered robotic system for real time detection of healthy and diseased crops using computer vision and deep learning.	MNS UET Multan Pakistan.
16	Hamid Ali (Online)	A Prescriptive Edge-AI Framework for Real-Time Crop Disease Diagnosis and Treatment	MNS UET Multan Pakistan.

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**PROGRAM DETAILS**

**Day 02 (17-06-2026)**

<b>Event</b>	<b>Timeline (Pakistan Standard Time)</b>
Participant Registrations	08:00 AM ~ 09:00 AM
<b>Keynote Talk by International and National Keynote Speakers</b>	
<b>Dr. Muhammad Salman Haider</b> Associate Professor School of Chemical & Material Engineering NUST Isb.	09:00 AM ~09:30 AM
<b>Dr. Muhammad Usman Asad</b> Chair IEEE Canadian Atlantic Section, Naval Fleet School, Dalhousie University Canada.	09:30 AM ~10:00 AM
<b>Dr. Mehmet Onur Yagir</b> Department of Mechanical Engineering Sakarya University, Sakarya, Turkey	10:00 AM ~10:30 AM
<b>Dr. Umar Farooq</b> Post Doctoral Researcher, Dalhousie University, Canada.	10:30 AM ~11:00 AM
<b>Tea Break and Connectivity Session</b>	
<b>Engr. Muhammad Adeel Zia</b> Section Manager HSEQ, FFC Goth Machi, Rahim Yar Khan	11:00 AM ~11:30 AM
<b>Engr. Muhammad Faisal</b> Principal Consultant, Head, Process Engineering, Lahore.	11:30 AM ~12:00 Noon
<b>Mr. Jalal Khan</b> CEO, Vision Giants PVT LTD, Multan.	12:00 Noon ~12:30 PM
<b>Prayer &amp; Lunch Break</b>	12:30 PM ~01:00 PM
<b>Parallel Sessions</b>	
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<b>Tea Break and Poster Presentations</b>	
<b>Closing Ceremony ICAAI-2026</b>	

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**DETAILS OF PRESENTERS / TITLE OF PRESENTATION/ AFFILIATION (DAY-02)**

<b>No.</b>	<b>Presenter Name</b>	<b>Title</b>	<b>Affiliation</b>
01	Babar Ali (Physical)	Enhanced Lane Recognition in Autonomous Driving with Advanced Computer Vision Techniques	National College of Business Admin. & Economics, Pakistan
02	Dr. Muhammad Shafiq (Physical)	AI Driven Heart Disease Detection through the integration of deep learning and large language models	Islamia University of Bahawalpur, Pakistan.
03	Muhammad Taha Javed (Physical)	Multi-Modal Explainable AI for Detection and Treatment Outcome Prediction of MDR-TB	MNS UET Multan Pakistan.
04	Muhammad Daud (Physical)	Med Eye: A Production-Ready Deep Learning Framework for Automated Multi-Class Eye Disease Detection Using Retinal Imaging	MNS UET Multan Pakistan.
05	Muhammad Zain (Physical)	Spectrogram-Based Electrocardiogram Emotion Recognition Using Attention-Enhanced Transfer Learning	MNS UET Multan Pakistan.
06	Ahmad Ali Zain (Physical)	Automated Glaucoma Detection from Retinal Fundus Images Using Transfer Learning with Explainable Gradient-Based Visual Attention	MNS UET Multan Pakistan.
07	Abdullah Tanveer (Physical)	Non-Invasive Blood Group Detection Using Fingerprints	MNS UET Multan Pakistan.
08	Shahid Ali Iqbal (Online)	AI-Based Adaptive Mechanical Suspension Systems Without Physical Sensors for Improved Vehicle Stability	Punjab Tianjin University of Technology, Lahore, Pakistan
09	Hamda Wishal (Online)	AI-Powered Cattle Identification Using Retinal Biometrics for Precision Livestock Farming	University of Agriculture Faisalabad, Pakistan.
10	Shahzaib Manzoor (Online)	Advanced Vibration Signal Analysis for Fault Diagnosis of Rolling Element Bearings	Punjab Tianjin University of Technology Lahore Pakistan.
11	Nimra Shafqat (Online)	LLM based Literature Recommender System for Term Papers	Air University, Islamabad Pakistan
12	Hammad Ahmad (Online)	Predictive Energy Management and Safety Optimization for E-Bikes: A Sensor Fusion and Machine Learning Approach	BZU, Multan Pakistan



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13	Amir Ali (Online)	AI-Assisted Fault Diagnosis of Disc-Stack Heavy Fuel Oil (HFO) Separators Based on Vibration and Temperature Measurements	Punjab Tianjin University of Technology, Lahore Pakistan.
14	Aisha Tariq Khan (Online)	Bridging the Low-Resource Gap: Transformer-Based Deep Learning for Urdu Language Understanding	Islamia University of Bahawalpur, Pakistan.
15	Hafiz Farrukh Abbas (Online)	Sleep Pattern and Lifestyle Data Analytics for Predicting Chronic Health Conditions	Islamia University of Bahawalpur, Pakistan.
16	Rabia Tariq Khan (Online)	Self-Adaptive Smart Farming System Using Reinforcement Learning on Embedded Devices	University of Agriculture Faisalabad, Pakistan

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