

**1st International Conference on Industrial and Technology Innovations (ICITI)
Erbil, Kurdistan Region-Iraq**



**Program Flow
Day I- December 03, 2025**

Period	Presenter
09:00-10:00	Conference Registration
10:00-10:05	Opening Ceremony: Speech of The Dean of The College
10:05-10:15	Speech of the President of Erbil Polytechnic University
10:15-10:20	A Visual Representation of Erbil Polytechnic University
10:20-10:30	Golden Sponsors' Plaque
10:30-11:00	Keynote Speaker: Prof. Jaime Lloret Mauri Speech title: <i>Improving Networks Using Group-Based Topologies</i>
11:00-11:30	Keynote Speaker: Dr. Aras Tawfeeq Asaad Speech title: <i>Topological Data Analysis in Drug discovery and Image Analysis</i>
11:30 -12:00	Coffee Break
12:00-12:20	Keynote Speaker: Dr. Mohammad Kaveh Hassan Speech title: <i>Greenhouse gas, Energy Energy and Artificial intelligence in Drying Technology</i>
12:20-12:40	Keynote Speaker: Prof. Hossein Shayeghi Speech title: <i>The Dual Pillars of Sustainability: Integration of Renewable Energy Resources and Storage in the Modern Power Grid</i>
12:40-12:45	Q&A

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Parallel Sessions			
	Track: Computer Engineering & IT	Track: Wireless Communication & Data Science	Track: Civil & Environmental Engineering
	SESSION-I ICTE Hall (1), Ground Floor	SESSION-II ICTE Hall (2), Ground Floor	SESSION-III ICTE Hall (3), Second Floor
	Chair: Dr. Sara Raof & Dr. Hazha Saeed	Chair: Dr. Salar Shexa & Dr. Diana Haidar	Chair: Dr. Mustafa Fahmi & Dr. Yousif Taha
12:45-13:00	Authors: Shahab Kareem, Farah Khoshaba, Shadan Abdalwahid, Roojwan Hawezi Title: An Evaluation of Machine Learning and Deep Learning for Face Recognition.	Authors: Meer Twana Qadir, Abdulbasit Kamil Faiq, Chiman Haydar Salh, Nayla Faiq Othman Title: A Comprehensive Review on Data Dimension Reduction through Random Projection Techniques.	Authors: Firas Jirjees, Abdulfattah Amin, Shelan Maruf, Hozan Yaba, Hedi Alec Title: The Role of Artificial Intelligence in Traffic System Management of Smart Cities: A Comprehensive Review.
13:00-13:15	Authors: Sarhang Sulaiman Bakr, Shahab Wahhab, Asghar A. Asgharian. Title: Cyberbullying Detection In Kurdish Language Using Machine Learning Approaches.	Author: IBRAHIM Q. ALI, Haval Mohammed Sidqi, Dilssha Jaafer Hussien Title: Differential Equations and the physics Applications.	Authors: Salar Ismael Ahmed, Siddeeq Yousif, Title: Hybrid Resource Allocation Model for Power-Efficient IoT in 5G and 6G Mobile Communication Networks.
13:15-13:30	Author: Meer Twana Qadir, Halgurd Sarhang Maghdid, Chiman Haidar & Nayla Faiq Othman Title: Artificial Intelligence and Machine Learning Role in Enhancing Wireless Network Security: A Comprehensive Review.	Authors: Sevan Ali, Sirwan Jalal Title: High-Capacity MIMO Enabled UDWDM Free Space Optical System with RZ Modulation and EDFA Compensation for Robust Terabit per Second Transmission.	Authors: Yarivan J. Zrar, Khaleel Younis Babi, Aryan Far H. Sherwani Title: Performance of Recycled Aggregate Self-Compacted Concrete: an Overview.
Lunch End of The First Day			

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**Program Flow
Day II- December 04, 2025**

Presenter:		
09:00-10:00	Conference Registration	
	Track: Computer Engineering & AI	Track: Network and Energy
	SESSION-I RET Hall (4), Ground Floor	SESSION-II RET Hall (5), First Floor
	Chair: Dr. Omer Sherko & Dr. Dana Farhad	Chair: Dr. Elham Kadhim& Dr. Salar Ismael
10:30-10:45	Authors: Nawzad H. Mahmood, Diana H. Hussein, Shavan Askar, Media A. Ibrahim Title: Survey of Graph Neural Network for Dynamic Resource Allocation in SDN-Enabled Edge Computing and IoT Networks.	Authors: Sevan Ali Title: Performance Evaluation of a Moderate-Power MIMO Free-Space Optical Communication System Under Fog-Dominated Atmospheric Conditions.
10:45-11:00	Authors: Tara Hussein, Chiman Salh, Hazha Yahia, Abbas M. Ali Title: Incorporation of Detectron2 for Precise Breast Volume Evaluation and Tumor Detection in MRI Images via Deep Learning.	Authors: Karwan Khalid, Zardasht Shwany Title: Evaluating The Impact Of Microcopy and Tooltip Design On User Engagement and Usability in Digital Platforms.
11:00-11:15	Authors: Lana Kamal Ahmed, Kayhan Zrar Ghafoor Title: Q-Learning for Detecting DDoS Attacks on IoT Devices.	Authors: Rebin Abdullah Title: Assessing Oil Pollution and Heavy Metal Contamination in Soil Using GIS and the I-Geo Index in Kirkuk, Iraq.
11:15-11:30	Author: Mohammad Kaveh, and Yousef Abbaspour-Gilandeh, Adnan Burhan Rajab Title: Application of Artificial Intelligence to Predict energy and exergy Efficiency of Convection Dryer for kiwi Slices.	Authors: Sawza Saadi Title: Spectroscopic and Radiation Shielding Properties of Er2O3 Nanoparticles Doped Silica Boro-tellurite Glasses.
11:30-11:45	Author: Hazha Saeed Yahia*, Cheman Haydar Salh and Tara Aref Hussein Title: Optimization of Wireless Sensor Networks Using Metaheuristic Algorithms: A Review .	Authors: Yousif Taha Maarroof, Kamal Mustafa Mahmoud Title: Mean Centering of Ratio Spectra and DES-Microextraction for simultaneous determination of Pyridine and Quinoline in Gasoline.

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<p align="center">11:45-12:00</p>	<p>Authors: Skala zangana, Shahab Kareem Title: Big Data technologies with deep learning in Internet of Things security.</p>	<p>Authors: Suran Dunun Yaseen Title: Design and Optimization of Compact He-Ne Laser Interferometers for Industrial Applications.</p>
<p align="center">12:00-12:15 (Online Presentation)</p>	<p>Author: Hemanth Shinde, Lavanya Addepalli , Vidya Sagar S D , Jaime Lloret Title: Governance-Augmented Digital Capability Framework for ESG Performance: A Moderated-Mediation Analysis Using Simulated Industrial Sensing Data.</p>	<p>Author: Hossein Shayeghi, Babak Mohamadi, Peyman Zare Title: Energy Scheduling of Hydrogen-Driven Offshore Oil and Gas Platforms under Coupled Green Certificate - Carbon Trading Transactions.</p>
<p align="center">12:15-12:30 (Online Presentation)</p>	<p>Author: Carlos Ipiens Quintanar, Jaime Lloret Mauri and Sandra Sendra Compte, Miguel Zaragoza Esquerdo Title: Performance of a biometric system to credential access.</p>	
<p align="center">12:30</p>	<p align="center">Closing Ceremony</p>	