

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



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

<b>Period</b>	<b>Presenter</b>
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
10:15-10:30	Speech of the Deputy Ministry of Higher Education
10:30-10:35	A Visual Representation of Erbil Polytechnic University ( College of Technology& Technical College of Computer and Informatics Engineering)
10:35-10:40	Golden Sponsors' Plaque
10:40-11:00	<b>Keynote Speaker: Prof. Dr. Aras Tawfeeq Asaad</b> <b>Speech Title:</b> <i>Topological Data Analysis in Drug discovery and Image Analysis</i>
11:00-10:30	<b>Keynote Speaker: Prof. Dr. Jaime Lloret Mauri</b> <b>Speech Title:</b> <i>New Advances in Wireless Sensor Networks and IoT</i>
11:30 -12:00	<b>Coffee Break</b>
12:00-12:20	<b>Keynote Speaker: Prof. Dr. Mohammad Kaveh Hassan</b> <b>Speech Title:</b> <i>Greenhouse gas, Energy Energy and Artificial intelligence in Drying Technology</i>
12:20-12:40	<b>Keynote Speaker: Prof. Dr. Hossein Shayeghi</b> <b>Speech Title:</b> <i>The Dual Pillars of Sustainability: Integration of Renewable Energy Resources and Storage in the Modern Power Grid</i>
12:40-12:45	<b>Q&amp;A</b>

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

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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. Ihim Kadhim & Dr. Salar Ismael
10:00-10:15	<p><b>Authors:</b> Nawzad H. Mahmood, Diana H. Hussein, Shavan Askar, Media A. Ibrahim  <b>Title:</b> Survey of Graph Neural Network for Dynamic Resource Allocation in SDN-Enabled Edge Computing and IoT Networks.</p>	<p><b>Authors:</b> Sevan Ali  <b>Title:</b> Performance Evaluation of a Moderate-Power MIMO Free-Space Optical Communication System Under Fog-Dominated Atmospheric Conditions.</p>
10:15-10:30	<p><b>Authors:</b> Tara Hussein, Chiman Salh, Hazha Yahia, Abbas M. Ali  <b>Title:</b> Incorporation of Detectron2 for Precise Breast Volume Evaluation and Tumor Detection in MRI Images via Deep Learning.</p>	<p><b>Authors:</b> Karwan Khoshnaw, Zardasht Shwany  <b>Title:</b> Evaluating The Impact Of Microcopy and Tooltip Design On User Engagement and Usability in Digital Platforms.</p>
10:30-10:45	<p><b>Authors:</b> Lana Kamal Ahmed, Kayhan Zrar Ghafoor  <b>Title:</b> Q-Learning for Detecting DDoS Attacks on IoT Devices.</p>	<p><b>Authors:</b> Rebin Abdullah  <b>Title:</b> Assessing Oil Pollution and Heavy Metal Contamination in Soil Using GIS and the I-Geo Index in Kirkuk, Iraq.</p>
10:45-11:00	<p><b>Author:</b> Mohammad Kaveh, and Yousef Abbaspour-Gilandeh, Adnan Burhan Rajab  <b>Title:</b> Application of Artificial Intelligence to Predict energy and exergy Efficiency of Convection Dryer for kiwi Slices.</p>	<p><b>Authors:</b> Sawza Saadi  <b>Title:</b> Spectroscopic and Radiation Shielding Properties of Er<sub>2</sub>O<sub>3</sub> Nanoparticles Doped Silica Boro-tellurite Glasses.</p>
11:00-11:15	<p><b>Author:</b> Hazha Saeed Yahia*, Cheman Haydar Salh and Tara Aref Hussein  <b>Title:</b> Optimization of Wireless Sensor Networks Using Metaheuristic Algorithms: A Review .</p>	<p><b>Authors:</b> Yousif Taha Maarroof, Kamal Mustafa Mahmoud  <b>Title:</b> Mean Centering of Ratio Spectra and DES-Microextraction for simultaneous determination of Pyridine and Quinoline in Gasoline.</p>

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