

**School of Computing**

Department of Artificial Intelligence &amp; Machine Learning

***7th International Conference on Computer & Communication Technologies (IC3T) 2025***

10- 11 December, 2025

Special Session on

**Applied Machine Learning and Deep Learning with Explainable AI (AML-DLEAI)****Session Chair: Dr. Malla Sudhakara**

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**Theme of Session**

The purpose of this special session is to facilitate collaboration between industry executives, education experts, and dedicated educators from around the world in order to improve engineering excellence using advanced Intelligent Computing technologies. The event offers a top-quality platform for industry experts, researchers, engineers, and academics to showcase and deliberate on the most recent developments, advancements, difficulties, applications, and resolutions in the fields of Machine Learning, Deep

Learning, and Explainable AI. The session seeks to narrow the divide between scholarly research and industry practices, promoting cooperation and the sharing of knowledge.

### **Scope**

The session focuses on sharing advances and innovative technologies with industry professionals, scientists, scholars, engineers, and students from various universities and industry practitioners. It addresses relevant topics and research issues in Machine Learning, Deep Learning, and Explainable AI, fostering collaborations among stakeholders from distinct universities, national laboratories, government funding bodies, and industry..

### **Topics of Interest:**

The following are the topics of interest, but not limited to,

- Knowledge and Data Engineering
- Information Retrieval Systems
- Data Analytics
- Big Data Visualization
- Artificial Intelligence
- Expert Systems
- Intelligent Agents & Systems
- Computational Intelligence
- Machine Learning, Deep Learning, Federated Learning
- Soft Computing, Edge Computing
- Cognitive Computing
- High-Performance Computing
- Image Processing
- Natural Language Processing
- Internet of Things
- Cloud Computing
- Explainable AI
- Transparency in AI Models
- Interpretable Machine Learning
- Ethical AI Practices
- Industrial Applications of AI
- AI in Healthcare and Agriculture
- AI in Manufacturing and Finance

Paper Submission Process:

Paper submission link:

<https://cmt3.research.microsoft.com/MBUICCCT2025>

**For details visit:**

<https://ic3t.in/>

Email: ic3t2025.mbu@gmail.com

**For any further queries related to this special session, please contact the Session chairs.**