

**INDEA-2026**  
**International Conference on**  
**Next-Generation Data Engineering and Analytics**  
*ORGANISED BY: University of Salford, Manchester, UK*  
On  
**21<sup>st</sup>- 22<sup>nd</sup> August 2026.**

\*\*\*\*\* **CALL FOR PAPERS** \*\*\*\*\*

**SPECIAL SESSION ON**

**[Innovations in Data Engineering and Intelligent Analytics]**

**SESSION ORGANIZERS:**

[Associate Professor (Dr.) Tejinder Kaur M.M. Institute of Computer Technology & Business Management Maharishi Markaneshwar (Deemed to be University) Mullana Ambala-Haryana 133207, India, *India*, 7696779388]

**EDITORIAL BOARD: (Optional)**

[Associate Professor (Dr.) Tejinder Kaur M.M. Institute of Computer Technology & Business Management Maharishi Markaneshwar (Deemed to be University) Mullana Ambala-Haryana 133207, India, *India*, 7696779388]

**SESSION DESCRIPTION:**

[The digital era has brought an explosion of data from diverse sources, demanding new approaches to storage, processing, and analysis. This special session on “Innovations in Data Engineering and Intelligent Analytics” aims to explore cutting-edge research, emerging technologies, and transformative methodologies that redefine how data is managed and leveraged for insight generation.

The session will provide a platform for academicians, researchers, and industry practitioners to share advancements in data architectures, automation, and intelligent analytics systems. Emphasis will be placed on scalable data infrastructures, AI-augmented analytics, real-time data processing, and the integration of machine learning in modern data pipelines]

**RECOMMENDED TOPICS:**

Topics to be discussed in this special session include (but are not limited to) the following:

 **Supervised, unsupervised, and reinforcement learning**

- ✚ Deep learning architectures and neural networks
- ✚ Explainable and interpretable AI
- ✚ Transfer learning and federated learning
- ✚ Edge and distributed machine learning
- ✚ ML model optimization, deployment, and scalability
- ✚ Ethical AI, fairness, and data privacy
- ✚ Applications in IoT, healthcare, robotics, and smart environments
- ✚ Building Data Systems for the AI-Powered Enterprise
- ✚ Real-Time Data Engineering and Streaming Analytics

#### **SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **[Innovations in Data Engineering and Intelligent Analytics]** *on or before* [30<sup>th</sup> December 2025]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://indea-conf.com> . All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify **[Innovations in Data Engineering and Intelligent Analytics]** at the top (above paper title) of the first page of your paper.

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