International Conference on Data-Processing and Networking (ICDPN-2026)

Date: 25th -26th September, 2026

ORGANISED BY : Institute of Technology and Business in České Budějovice, Near Prague, Czech Republic, Europe (Venue).

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

SPECIAL SESSION ON [Secure, Ethical, and Responsible Data Engineering and Analytics]

SESSION ORGANIZERS:
- **Dr Jyoti Parashar Associate Professor ,Computer Science and Engineering ,Panipat Institute of Engineering and Technology (PIET) Haryana, India -132102 Mail id : jyoti.parashar123@gmail.com, Orcid ID : 0000-0002-6573-4270**
- **Ms. Shweta ,Assistant Professor Department of computer science and engineering Bhagwan parshuram institute of engineering Rohini, New Delhi 7988689234, shwetaim98@gmail.com**
- **Yogendra Chhetri Post Doctoral Researcher Computer Science or Post Doctoral Research Newcastle University in Singapore, Singapore-828608 Mail id : chhetri.com@gmail.com Orcid ID : 0009-0009-6007-1955**

EDITORIAL BOARD: (Optional)
- **Dr Jyoti Parashar Associate Professor ,Computer Science and Engineering ,Panipat Institute of Engineering and Technology (PIET) Haryana, India -132102 Mail id : jyoti.parashar123@gmail.com, Orcid ID : 0000-0002-6573-4270**
- **Ms. Shweta ,Assistant Professor Department of computer science and engineering Bhagwan parshuram institute of engineering Rohini, New Delhi 7988689234, shwetaim98@gmail.com**
- **Yogendra Chhetri Post Doctoral Researcher Computer Science or Post Doctoral Research Newcastle University in Singapore, Singapore-828608 Mail id : chhetri.com@gmail.com Orcid ID : 0009-0009-6007-1955**

SESSION DESCRIPTION:

This special session focuses on the design and deployment of secure, ethical, and responsible data engineering and analytics systems in the era of large-scale, AI-driven decision-making. As data-intensive applications increasingly influence critical domains, ensuring data security, privacy, fairness, transparency, and accountability has become a fundamental requirement.

The session highlights advanced methodologies and frameworks for privacy-preserving data engineering, secure data architectures, trustworthy and explainable analytics, and responsible AI integration. Key areas include data governance and compliance, bias mitigation, fairness-aware analytics, secure data pipelines, federated and decentralized learning, and ethical considerations in automated decision systems.

RECOMMENDED TOPICS:

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

- Secure data engineering architectures and frameworks
- Privacy-preserving data processing and analytics
- Ethical AI and responsible data engineering practices
- Data security in cloud-native and distributed environments
- Secure data pipelines and end-to-end data protection
- Federated learning and decentralized analytics
- Differential privacy and anonymization techniques
- Fairness-aware and bias-mitigation analytics
- Explainable, transparent, and trustworthy AI systems
- Data governance, compliance, and regulatory frameworks
- Secure data sharing and access control mechanisms

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[Secure, Ethical, and Responsible Data Engineering and Analytics]** *on or before* [30th JULY 2026]. 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://www.icdpn-conf.com/Downloads**. All submitted papers will be reviewed on a double-blind, peer review basis.

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

* * * * * *