



International Conference on Next-Generation Networks and Deployable Artificial Intelligence (NGNDAI-2025)

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD, PRAYAGRAJ, INDIA
18th - 20th September 2025

Special Session

1. Session Chair Name(s): Dr. Sandeep Saxena, Dr. Arun Kumar Singh

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2. Proposed Special Session Title:

AI in Industry and Applications

3. Abstract :

Artificial Intelligence (AI) is transforming industries by enabling automation, enhancing decision-making, and optimizing complex processes. This track explores the real-world applications of AI across various sectors, including healthcare, finance, cybersecurity, manufacturing, and smart cities. By leveraging machine learning, deep learning, and data-driven insights, businesses and organizations can improve efficiency, reduce costs, and innovate faster. Key topics include AI-powered diagnostics, algorithmic trading, fraud detection, predictive maintenance, and AI-driven customer experiences. Additionally, the session will address challenges such as ethical considerations, regulatory compliance, and the integration of AI into existing infrastructures. As AI continues to evolve, its impact on industries will shape the future of work, productivity, and economic growth.

4. **Keywords:** Artificial Intelligence, Machine Learning, AI Applications, Automation, Predictive Analytics, AI in Healthcare, AI in Finance, AI in Cybersecurity, AI in Manufacturing, Smart Cities, AI-driven Decision Making, Industry 4.0, AI Ethics, AI Integration, Business Intelligence, Computer Vision, Natural Language Processing, AI Applications, Model Interpretability, Data Privacy.

5. **Session Topics:** Please list the main topics or areas of focus that will be covered in the special session. (Please Refer the Conference Track mentioned in the conference website)

Link of website: <https://www.ngndai.mnnit.ac.in/>

- AI in Healthcare and Biomedicine
- AI for Finance and Risk Management
- AI in Cybersecurity and Fraud Detection
- AI for Smart Cities and IoT
- Large Language Models (LLMs)
- Sentiment Analysis and Chatbots
- Speech Recognition and Synthesis
- Multilingual AI and Translation
- Bias and Fairness in AI Models
- AI and Data Privacy Regulations
- Ethical AI Deployment in Society
- AI Governance and Policy

Submission Instructions:

Important Dates:

Submission Date : 15th April 2025
 Notification of acceptance : 15th May 2025
 Author Registration : 31th July 2025
 Conference Dates : 18-20th September 2025

Paper format

- The submission of the papers shall be accepted in the Springer format available on: <https://typeset.io/formats/springer-conferences/default-format-for-springer-conferences/f8d71f9027f449abb4f73d0a7bf6d340>
- The papers **must not exceed** a page limit of 12-14 pages in any manner in the single page - single column format supported by Springer. Any paper exceeding this page limit will be outright rejected.
- The papers are to be submitted at the submission link <https://cmt3.research.microsoft.com/NGNDAI2025> within the last dates mentioned in the conference paper schedule.
- All further enquiries about the status of the paper can be made at the conference email – ngndai@mnnit.ac.in

Please submit your completed application via email to shashank12@mnnit.ac.in cc to ngndai@mnnit.ac.in