



**International Conference on Innovations in Data Analytics
(ICIDA 2024)**

*Organized by
Eminent College of Management and Technology (ECMT)*

*Technically Sponsored by:
Scientific Innovation Research Group (SIRG), Egypt
Scientific Research Group in Egypt (SRGE), Egypt
CI2S lab, Argentina*

Date: 18th – 19th December, 2024 (Hybrid Mode)

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

SPECIAL SESSION

AI and Data Analytics in Education: Innovations and Implications

SESSION ORGANIZERS:



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SESSION DESCRIPTION:

This The special session AI and Data Analytics in Education: Innovations and Implications aims to explore the transformative impact of artificial intelligence and data analytics on the educational sector. This session will gather researchers, educators, and industry professionals to discuss cutting-edge advancements and practical applications of AI and data analytics in personalized learning, classroom management,

inclusive education, and educational policy. By examining case studies, best practices, and future trends, the session seeks to highlight the potential of these technologies to enhance learning outcomes, improve educational accessibility, and inform data-driven decision-making, while also addressing ethical considerations and privacy concerns. The papers presented in this special session will provide valuable insights into how AI and data analytics can revolutionize educational practices and contribute to more effective, equitable, and innovative learning environments.

RECOMMENDED TOPICS:

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

- Adaptive Learning Algorithms
- AI and Data Analytics in Student Performance Prediction
- Customizable Curriculum Design through AI
- Learning Path Optimization
- AI and Data Analytics in Classroom Management
- Intelligent Tutoring Systems
- Classroom Monitoring and Behavior Analysis through Data Analytics
- Automated Attendance and Participation Tracking
- AI-Enhanced Feedback Mechanisms
- Educational Data Analytics
- Big Data Applications in Education
- Predictive Analytics for Student Retention
- Data-Driven Decision Making in Educational Policy
- Learning Analytics and Educational Data Mining
- AI and Data Analytics for Inclusive Education
- Assistive Technologies for Students with Disabilities
- AI and Data Analytics-Enhanced Language Learning Tools
- Accessibility in Digital Education Platforms
- Ethics and Privacy in AI and Data Analytics-Enhanced Education
- Ethical AI in Classroom Applications
- Bias and Fairness in AI and Data Analytics-Driven Educational Tools
- Regulatory and Policy Frameworks
- Future Trends in AI and Data Analytics in Education
- Emerging Technologies in Educational AI and Data Analytics
- AI and Data Analytics in Vocational and Professional Training
- Case Studies and Best Practices
- AI-Driven Innovations in Higher Education

PUBLICATION AND SUBMISSION PROCEDURE

The conference aims at carrying out double-blind review process. The papers submitted by the authors will be assessed based on their technical suitability, the scope of work, plagiarism, novelty, clarity, completeness, relevance, significance, and research contribution. The conference proceedings will be published in **Springer LNNS Series (Scopus)**.

Website: <http://icida.ikrf.in>

Submission Link: <https://cmt3.research.microsoft.com/ICIDA2024>

Submission Deadline: **30th September, 2024**

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

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