



Co-technical Sponsor

# 1st International Conference on AI-Driven STEM Education and Learning Technologies (AISTEMEDU 2025)



## Call For Papers

The International Conference on AI-Driven STEM Education and Learning Technologies (AISTEMEDU 2025) aims to foster interdisciplinary research that advances AI applications in STEM education, computational sciences, and sustainable technologies. Aligned with Saudi Vision 2030, the conference will bring together academia, industry, and policymakers to explore AI-driven innovations that enhance learning methodologies

## Topics of Interest

AISTEMEDU 2025 welcomes research contributions in key areas shaping AI, sustainability, and societal transformation.

### AI-Driven STEM Education and Learning Technologies

- AI in Personalized and Adaptive Learning
- Intelligent Tutoring Systems and Educational Chatbots
- AI for Curriculum Development and Assessment
- Digital Transformation in Education and E-Learning Technologies

### AI for Sustainability and Green Technologies

- AI-Driven Climate Solutions and Environmental Sustainability
- Smart Grids, Renewable Energy, and Carbon-Aware AI
- Sustainable Manufacturing and Automation with AI
- Green Computing and Energy-Efficient AI Algorithms

### Mathematics, Computational Sciences, AI Applications

- Applied Mathematics for AI and Machine Learning
- Optimization and Operations Research for AI Systems
- Cryptography, Secure Computation, and AI in Cybersecurity
- AI-Augmented Mathematical and Computational Modeling

### AI, Society, and Ethical Considerations

- Explainable and Responsible AI in Education and Governance
- AI for Workforce Development and Future Job Markets
- Ethics, Policy, and Governance in AI and Sustainability
- The Role of AI in Digital Humanities and Computational Social Sciences

## Important Dates

Submission Deadline

15 September, 2025

Acceptance Notification

15 October, 2025

Final Paper Submission

10 November, 2025

Conference Date

01-02 December, 2025

## Registration Fee

### International Authors:

|                 |       |
|-----------------|-------|
| IEEE Member     | \$200 |
| Non IEEE Member | \$250 |

### National Authors:

|                 |       |
|-----------------|-------|
| IEEE Member     | \$150 |
| Non IEEE Member | \$200 |



Scan To  
Submit

 **Venue:** Prince Mohammad Bin Fahd University, Al Khobar, Kingdom of Saudi Arabia