

Call for Papers

Special Issue of Artificial Intelligence and Knowledge Engineering (AI&KE) Journal on “AI in Education”

The International Journal of AI and Knowledge Engineering (IJAIKE) invites submissions for a special issue dedicated to "AI for Education." This call for papers is seeking original research and innovative applications that explore the transformative role of artificial intelligence (AI) and knowledge engineering (KE) in reshaping education, teaching, and assessment across diverse contexts.

Topics of interest for this special issue include, but are not limited to:

1. **AI-Driven Personalized Learning:** Approaches for tailoring educational experiences to individual needs and preferences.
2. **Automated and AI-Powered Assessment:** Methods for efficient and intelligent grading, feedback, and evaluation.
3. **Intelligent Tutoring Systems:** Development of virtual tutors that provide customized instructional support.
4. **AI in Curriculum and Instructional Design:** Leveraging AI for designing effective learning materials and frameworks.
5. **Natural Language Processing (NLP) in Learning and Assessment:** Applications of NLP in language learning, essay evaluation, and communication skills.
6. **Learning Analytics and Educational Data Mining:** Insights and predictions derived from student data for improving teaching and learning strategies.
7. **Gamification and AI-Enhanced Engagement:** Utilizing AI to enhance learning engagement through interactive and gamified experiences.
8. **AI for Teacher Support and Professional Development:** Tools to assist educators in lesson planning, resource optimization, and professional growth.
9. **Equity, Accessibility, and Inclusion in AI-Enhanced Education:** Strategies for ensuring AI-driven education systems address diverse learner needs.
10. **Ethical and Policy Considerations in AI-Based Education:** Frameworks to address privacy, bias, and security in AI applications.
11. **Emerging Topics:**
 - AI for adaptive testing and dynamic assessment.
 - Multimodal AI systems integrating audio, visual, and behavioral cues in education.
 - Collaborative AI systems for peer learning and teamwork facilitation.

This call for papers is seeking contributions that examine theoretical foundations, practical implementations, case studies, and experimental results to drive impactful change in education through AI and KE. Submissions must demonstrate the ability to reimagine traditional practices, address challenges, and highlight innovative solutions.

The IJAIKE journal is an open-access publication managed by the [Association for the Advancement of Knowledge Solutions \(AAKS\)](#) in cooperation with the [EurAsia Academic Publishing Group \(EAPG\)](#).

Submission Guidelines:

- Manuscripts should be submitted via the **Clarivate ScholarOne Manuscript Central Submission** portal at <https://mc04.manuscriptcentral.com/jaike>
- All submissions will be peer-reviewed to ensure high-quality contributions.
- Manuscripts must adhere to the journal's formatting guidelines

Important Dates:

Submission Deadline: December 15, 2025

Revision Due: March 15, 2025

Publication Date: September, 2026

Guest Editors:

For any inquiries regarding this special issue, please contact the Special Issue Guest Editors:

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Journal Website: <http://IJAIKE.org/>

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We look forward to receiving your contributions, advancing, and shaping the future of education with AI!