Call for Papers for an INFEDU Special Issue - 2025

'Educational Technologies or Tools for Learning AI Literacy'

Informatics in Education https://infedu.vu.lt/journal/INFEDU

Special Issue Guest Editors

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Topic
UNESCO has announced a competency framework for Artificial Intelligence (AI) aimed at students and teachers. While many countries are developing their own AI competency white papers, AI is rapidly transforming every domain at an unprecedented pace. To navigate this AI-driven world, it is essential for learners of all ages to develop AI literacy. This special issue seeks to explore the role of educational technologies in fostering AI literacy, offering a platform for researchers, educators, and practitioners to share their insights, innovations, and findings. Education must evolve from simply using AI in classrooms to applying and transforming AI across different domains.

AI literacy refers to the ability to understand, use, and critically evaluate AI technologies. It encompasses a wide range of skills and knowledge, from the basics of machine learning and data science to understanding the ethical implications of AI in society. As AI continues to integrate into various aspects of daily life—from personalized recommendations to autonomous vehicles—equipping individuals with AI literacy is crucial for informed and responsible participation in an AI-driven world.

Educational technologies, including some generative AI platforms, play a pivotal role in making AI literacy accessible and engaging. By leveraging advancements in technology, educators can create immersive and interactive learning experiences that simplify complex AI concepts. These technologies range from online platforms and apps to virtual and augmented reality environments that simulate real-world AI applications.

This special issue invites submissions that explore a wide range of topics related to educational technologies and AI literacy, including but not limited to:
- Innovative educational technologies for learning AI literacy: Tools and platforms that effectively teach AI literacy.
- Curriculum Development of AI literacy: Design and implementation of AI literacy curricula at various educational levels.

- Pedagogies or learning strategies of AI literacy: Effective teaching methods and approaches for AI literacy.
- Assessment and evaluation for AI literacy: Methods for assessing AI literacy and evaluating the impact of educational technologies.
- Ethical and societal implications in AI literacy: Teaching the ethical use of AI and understanding its impact on society.
- Interdisciplinary content and application on learning AI literacy: Integrating AI literacy with other subjects and disciplines.
- Learning behavioral patterns and analysis in learning AI literacy: Examining how students engage with and learn AI literacy.
- Empirical studies of learning AI literacy: Research-based investigations into AI literacy learning and outcomes.
- Teacher professional development in teaching AI literacy: Preparing educators to effectively teach AI literacy.
- AI literacy policies: Frameworks and guidelines for promoting AI literacy at institutional and governmental levels.

By bringing together diverse perspectives and research, this special issue aims to deepen the understanding and practice of teaching AI literacy through innovative educational technologies. We are particularly interested in submissions that emphasize practical applications, scalability, and the long-term impact of these educational initiatives.

Timeline

Activity	Due Date
Submission of proposals and abstracts to Guest Editors	February 28, 2025
Approval or suggested changes sent to authors by Guest Editor	March 24, 2025
Deadline for authors to submit full articles	June 16, 2025
Distribution to reviewers & decision by the editors	August 1 - September 30, 2025
Final manuscripts due by the authors	October 31, 2025
Special Issue Publication	the last volume of 2025

Submission URL and guidelines:
We welcome a variety of submission types, including original research articles, review articles, case studies, and conceptual papers. All submissions should adhere to the journal's standard formatting and submission guidelines, which can be found on our website.
https://infedu.vu.lt/journal/INFEDU/information/instructions-for-authors

Submissions should be made through our online submission system here.
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Please indicate in your cover letter that your submission is for the 'Special Issue on Educational Technologies for Learning AI Literacy'.