International Journal of

Smart Technologyand Learning

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Scope of the Journal

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IJSmartTL focuses on the design, application and assessment of smart learning technologies, highlighting how smart learning technologies should be properly implemented in education to enhance smart learning. This perspective acknowledges not only the significance of emerging smart learning technologies but also the importance of educational outcomes those technologies bring. IJSmartTL encourages researchers and educators to be reflective of the use of smart educational technologies and focus on its fundamental goals.



Smart Technology

- Smart Technology trends in education, e.g. cloud computing, wearable technology, mobile/game-based learning, open content, etc.
- Design and development of learning environments using various smart technologies
- Evaluation of smart technology-based learning environments
- Influence of different smart technology-based learning environments on learning, achievement and motivation

Smart Learning

- Various learning strategies supporting smart learning: formal/informal, personalised, adaptive, social, self-directed etc.
- Understanding smart learning processes
- Applications of learning analytics and educational data mining



- Role of monitoring and assessment in smart technology-based learning
- Effectiveness of different types of monitoring approaches, assessment and evaluation

Smart Teaching

- Pedagogical frameworks for integrating smart technology into learning environments
- Role of learning sciences, educational psychology and instructional theory in smart teaching
- Role of teachers in smart technology-based learning
- Challenges and barriers teachers face when adopting smart emerging technologies
- Models/frameworks that guide the professional development of smart teachers

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