Special Issue

Cognitive Horizons: Exploring the Synergy of Artificial Intelligence in E-learning Environments

Message from the Guest Editors

This Special Issue delves into the dynamic intersection of artificial intelligence (AI) and e-learning, seeking to unravel the transformative potential that emerges when cutting-edge technologies converge with educational paradigms. As the digital landscape continues to evolve, AI has emerged as a catalyst for redefining the future of education. This collection of articles explores the multifaceted impact of AI on various facets of e-learning, ranging from personalized learning experiences and intelligent tutoring systems to adaptive assessment methodologies. Contributions within this Special Issue span a spectrum of research domains, including natural language processing, machine learning, and computer vision, illuminating the innovative ways in which AI augments instructional design and learner engagement. The ethical dimensions of AI in e-learning are also scrutinized, with a focus on ensuring equitable access, transparency, and the responsible use of learner data.

Guest Editors

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Dr. Ali Shariq Imran

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Deadline for manuscript submissions

closed (15 July 2024)

About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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