

Guest Editorial Preface

Special Issue on Digital Literacy and Education: A Future Perspective

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Digital literacy and education will play a significant role in the future digital era. The main advantage of digital literacy and education is that it helps the children's education in remote communities. Moreover, students' literacy levels can be raised with the help of a wide range of digital learning resources, including websites and applications that are packed with subject-specific content. Nearing towards the era of everyone having equal access to the new technology, having skills in various digital services will empower both teachers and learners to have access to necessary information. As everyone is connected over the internet seamlessly, the communication gap among the students and between the students and the teachers will be greatly reduced. Some of the core skills, like creativity, communication, critical thinking, etc., could be effectively developed by implementing digital literacy in education. Hence, incorporating strategies to improve digital literacy among students, teachers, and parents is necessary for building a better future. This special issue offers a forum for researchers and practitioners to present their novel and innovative practices of Digital Literacy and Education with their future perspectives. In this special issue, one article has been accepted and the highlight the contribution is as follows.

In the paper, titled "A Reinforcement Learning-Based Smart Educational Environment for Higher Education," the author uses Reinforcement Learning to create smart and comfortable learning in a smart classroom using State-Action-Reward Analysis (SAR). Here, the SAR analysis uses a set of dimensional factors to determine the materials and learning strategies. The successful identification of these smart learning characteristics maximizes the overall learning efficiency and maintains the relationship between the student and teachers.

Finally, we thank all the authors and reviewers for their valuable contributions. We take this opportunity to express our gratitude to this journal's Editor-in-Chief for offering us the privilege to edit a special issue.

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