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A New Approach to Information Literacy in Higher Education in Smart Learning Environment

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B.Anjanee Kumar ;   Rohit Kar ;   K. K. Sunalini ;   Kaneenika Jain ;   Nitin Girdharwal ;   Mohd Asif Shah   **All Authors** •••

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Abstract:
In light of the current epidemic, it is crucial that children acquire better literary skills. That blended learning is considered as one of the most cutting-edge pedagogical strategies. The goal of blended learning is to develop a new learning environment that combines traditional learning with modern methods like e-learning, analytics, game-based learning, and open educational materials in order to improve learning effectiveness and enrich the learning experience. Meanwhile, the idea of smart learning environment has developed with a number of successful implementations as a significant and usable product of smart environments research. This research aims to show that the notion of mixed learning offers a positive outlook for the incorporation of emotional learning methodologies into the increasingly prevalent smart learning environments. Here, the first smart learning environment-based paradigm for enhancing students' information literacy. The outline the components of the intelligent learning environment for the development of students' information literacy based on reviews of the relevant literature and results from prior studies. Researchers found that blended learning increased students' engagement throughout the learning process, which led to better grades and deeper understanding. In addition, this approach could address the drawbacks of both online and in-person instruction, realize big data recording and representation of pedagogical, instructional, and curricular behavior, fully exploit instructors' potential in their various roles, and accurately reflect students' actual knowledge gain.