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ENHANCING SLOW LEARNER PERFORMANCE - A RESEARCH STUDY

Dr Lumy Joseph, Assistant Professor, Department of Computer Application published research papers on adaptive e-learning system for slow learners in reputed journals.



International Conference on Advanced Informatics for Computing Research

↳ ICAICR 2019: **Advanced Informatics for Computing Research** pp 123–135 | [Cite as](#)

Adaptive e-Learning System for Slow Learners Based on Felder-Silverman Learning Style Model

Lumy Joseph & Sajimon Abraham

Conference paper | [First Online: 17 September 2019](#)

589 Accesses | 4 Citations

Part of the [Communications in Computer and Information Science](#) book series (CCIS, volume 1075)

Abstract

Adaptive learning plays a significant role in online learning. It enables the students, to decide what to select, how to learn and how to assess themselves. This method provides a personalized learning path and enabling them to involve in, as they advance through the learning resources. To demonstrate, this study has developed an adaptive e-learning system (AeLS), using Lesson activity in Moodle, to teach a course in Computer Graphics, for the undergraduate students of Computer Applications Programme. The Felder-Silverman Learning

https://link.springer.com/chapter/10.1007/978-981-15-0108-1_13



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Abstract

A fixed learning path for all learners is a major drawback of virtual learning systems. An online learning path recommendation system has the advantage of offering flexibility to select appropriate learning content. Learning Analytics Intervention (LAI) provides several educational benefits, particularly for low-performing students. Researchers employed an LAI approach in this work to recommend personalised learning paths to students pursuing online courses depending on their learning styles. It was accomplished by developing a

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