

## CLOUD-BASED E-LEARNING IN EDUCATIONAL INSTITUTIONS: CONCEPTS AND REVIEW

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### ABSTRACT

*The recent revolution in Information and Communication Technology (ICT), internet technology and its speed has grown widely into the sharing of knowledge in the world of education. An e-learning system requires several hardware and software resources; all educational organizations are not able to meet the expense of such investments and environments, so cloud-based e-learning is the best solution. Due to Cloud Computing characteristics and benefits, it has become a natural platform to provide more effective e-Learning systems. The study of the literature review is executed by 71 research paper published in national and international journals, conferences, white papers concerning to model, framework, and architecture of cloud-based e-learning. In this review paper e-learning and cloud computing with their key characteristics, services, deployment model, benefits and limitations are discussed. The review paper also provides landscape to develop a unified and comprehensive cloud-based e-learning model for undertaken research work.*

**KEYWORDS:** Cloud Computing, E-Learning, SAAS, PAAS, IAAS