Abstract

The integration of advanced technologies within education has frequently enhanced teaching. In higher education it is not a surprise that using the latest developments in cloud computing improves learning practices and thus ensures they are more interactive, available, and convenient. The ease of integration, collaboration, and sharing of information and knowledge made possible by cloud computing will be further enhanced if this technical advancement is used wisely and in a foolproof manner. In this paper, a SWOT analysis of the impact of cloud computing on higher education methodologies is presented. A SWOT analysis is here demonstrated to be a helpful guide in decision-making for all higher education institutions when considering the migration of their present learning systems to cloud-based systems.

References


20. R. Jawar and V. Piuri, "Fault tolerance and resilience in cloud computing
28. D. McDonald, A. MacDonald, and C. Breslin, "Final report from the JISC review of the environmental and organisational implications of cloud computing in higher and further education," University of Strathclyde and JISC, 2010.


Index Terms

Computer Science

Information Sciences

Keywords

Cloud computing, e-learning, SWOT analysis, Web learning, higher education