Abstract

The role of education in facilitating social and economic progress has long been recognized and skills and knowledge are the engines of economic growth and social development of any country [1]. And skilled workforces contribute extensively to enhance the national economy of every country. Therefore, government polytechnic institutes of Bangladesh give emphasis to produce skilled technicians for building up a secure national economy. Nowadays technology appears in education as a proficient tool for effective teaching and learning. To make the graduates competent for the global market, polytechnic institutes of Bangladesh require proper integration and utilization of modern technology in the educational setting. This study aims to analyze the current state of affairs of using technology in the government polytechnic institutes of Bangladesh. Different statistical methods were used in this study to analyze the data critically. It was exposed that the use of computers and internet were very much limited in polytechnic institutes. The teachers, administrators and students pointed out that the overall quality of technology service offered by the institution was not up to standard. Moreover, poor infrastructure, lack of training and unavailability of modern technology were persisting simultaneously. Hence the existing situation in the educational settings was found to be a crucial hindrance to digitize Bangladesh and needs proper policy making to overcome the present situation.
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- The Horizon Report, (2007). For more ideas about relevant ways to use technology in teaching and learning activities, see the New Media Consortium and the EDUCAUSE Learning Initiative, The Horizon Report, Austin, Tex.: New Media Consortium.

**Index Terms**

Computer Science  
Education

**Keywords**

Educational Technology  
Teaching-learning  
Polytechnic Institutes  
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