

ABSTRACT

Currently, there are only little information is available on the adoption of cloud computing in the Institutions in India, providing Technical Education. A better understanding of the state of art technology in this area would help in the modernization of technical educational organizations in India and the development of more appropriate cloud products and new business models for this role.

For this purpose, a literature review about cloud computing and IT models was carried out. Also an empirical study using an online questionnaire at various Universities, Institutions and Colleges carried out to find the current state of cloud and future scope of cloud computing at Indian organizations of technical education. Similarly, the study explores the opportunities and risks, seen by the staff of organizations, and computing centers on the use of cloud computing.

Following this, experts were also interviewed from universities and companies to get the information from the online questionnaire and collected during the research. The expected results will serve to submit a recommendation for universities/colleges/Institutions in India, whether cloud technologies are already used or not. In addition, a list of critical key questions is presented, which should be taken into account before the migration to cloud computing.