

Chapter 93

Approach / Mindset of Students Towards On-Line Study in Bangladesh Educational Institute: An Application of the Technology Acceptance Model

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ABSTRACT

The mindset of students towards on-line study system in some selected Bangladeshi educational institute is surveyed in this research. The alliance between point of view and on-line study system with the utilization of technology acceptance model (TAM) is particularly noted. The researcher used questionnaire to collect data from a sample of 372 postgraduate and undergraduate students of Bangladesh. Data analysis is done by using statistical techniques such as frequency distribution, simple linear regression, One-Way ANOVA, and paired T-test was used to test the hypotheses. Findings of the research showed that students have positive mindsets towards on-line learning systems because they find the systems easy to use and useful for their course work.

INTRODUCTION

Enormous modification have experienced of all advanced educational institutions all over the world in terms of student's learning policy specially since the entrance of information and communication technology (ICT). Computer technology plays a notable role, that move from conventional of teacher directed to modern methods. Learning system has stimulated by ICT .It is consider that learning is more purposeful by the innovation of ICT, where students can stay even in their homes or classrooms and receive lectures without seeing the lecturer. The revolution in students' learning through on-line that

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has brought by the aspect of ICT. Any learning system that is electronically enabled is refers to online learning system in an extensive sense.

Online learning system is a teaching method that is enabled by the application of digital technologies such as web pages, video Conference systems, google -meet and zoom class room. Web-based learning systems has adopted by many higher education institutions in order to continue their on-line learning courses.

In many countries on line learning system is an appreciative approach, which express a significant probability that learners will accept the new learning system. Students attitude towards on -line learning system is influenced by some factors such as patience, self-discipline, easiness in using software, good technical skills, abilities regarding time management etc.

In this regards, the mindset of students can be encouraging, if the latest type of education suitable the students' desire and characteristics, or adverse if the student cannot customize to the new system because he/she does not have the set of characteristics required. Absence of understanding, lack of communication, and deficit of trust or conflicting agendas in appropriate use of technology may be accompanying to bad online learning intellect in any country.

In Bangladesh most of the students go to the cyber cafe, but a multimedia interaction cannot be done properly because of bandwidth problem, there are many people of distinguishable purpose on the net at the same time. Despite of these on-line study in Bangladesh facing other defiance. In Bangladesh some educational institutions such as Bangladesh Open University, Bangabandhu Sheikh Mujibur Rahman Digital University, Bangladesh, Muktopaath, 10 Minute School, Virtual Skills Development System (VSIDS), Shikhhok.com, Kishor Batayan, Shikhhok Batayan have the facilities of on-line learning system.

Comparing to other countries of the world the number of on line learning institutions in Bangladesh appear very little. This is on account of location of most institutions, bandwidth issue, poor financial condition and the challenge of erratic/poor electricity supply as well as issues relating to students' mindset to technology.

This research inspect the mindset of students approaching on-line learning in selected Educational institutes in Bangladesh using the technology acceptance model. TAM is an intention-based model. developed specifically for explaining or predicting user acceptance of computer technology (Hu et al., 1999).

This paper assess TAM in an academic setting, interrogating the factors influencing students' acceptance of on-line learning technology in Bangladesh.

OBJECTIVES OF THE STUDY

1. To detect if perceived ease of use has a constructive effect on students' attitude towards using online study system in Bangladesh.
2. To arbitrate if perceived usefulness has an encouraging effect on universities student's attitude towards using on-line study system in Bangladesh.
3. To discover if the students approach towards using on-line learning system will have an enthusiastic effect on their aspiration to use the system.
4. To identify the factors influence the mindset of Bangladeshi students towards the online study system.

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