The Influence of Various E-Learning techniques upon Technology Acceptance and student engagement in differing Classroom Environments – A Research Review

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Abstract

The impact of technology is becoming increasingly relevant in its everyday use amongst a variety of different industries and practices. This most prominently includes educational systems and services. As a direct result of the on-going COVID-19 pandemic, the majority of students and educators have had to relocate unto online platforms. Therefore the implementation and acceptance of such technological resources has become widespread in its outreach. Through the understanding and usage of predictive theories presented in Technology Acceptance Models (Davis, 1989), research review processes have suggested that student acceptance, engagement and retention of such essential technological tools varies based upon factors adjacent to motivation. The influence of motivation and interest to partake in the technology presented to them as well as balance in activities and opportunities made available to them can directly impact a student's perception of their capabilities and subsequently their performance within a learning environment. By understanding the factors which directly impact and influence a student's motivation and perception towards education. This can further allow educators and creators to structure educational technologies and tools for students of all educational levels, backgrounds and capabilities in the future.

Keywords: Virtual, Learning, Technology, Acceptance, Education