

# National University of Science and Technology

Think in Other Terms



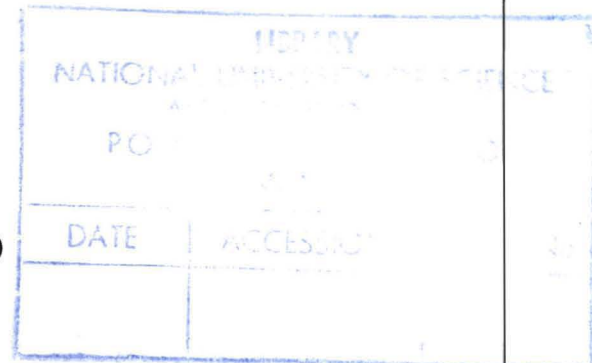
**Faculty of Communication and Information Science  
Department of Library and Information Science**

Students' And Teachers' Adoption of Emerging Mobile Technologies for Learning and Library Services at Celebration International School.

by

Ariel Muvhunzwi

(Student Number: N0125281J)



A Research Project Submitted to the National University of Science and Technology in Partial Fulfilment of the Master of Science Degree

In

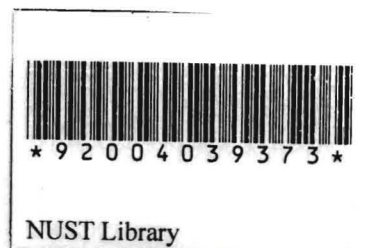
Library and Information Science

Academic Supervisor

Mr.N. Guvava

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## ABSTRACT

This study examined students' and teachers' adoption of emerging mobile technologies for learning and library services at Celebration International School, Borrowdale, and Harare, Zimbabwe using a case study. Information and literature from previous studies on emerging technologies were viewed as a basis for the study. Unified theory of acceptance and use of technology, (UTAUT) by Venkatesh, et al., (2003) was used as the theoretical framework for the study. The research questions were crafted around 5 constructs from UTAUT, Performance expectancy, effort expectance, social influence, facilitating conditions and self-management learning as predictors of technological adoption and use. Age, experience, and gender were identified as moderators of technological adoption. Data was collected through questionnaires and indirect observation. The population under study was 53 comprised of 42 CIS high school students and 11 teachers. The research methods were mixed-research designs in which both qualitative and quantitative techniques were employed. These included review of related literature, observations and questionnaires. Limitations and challenges on emerging mobile technologies for learning and library services are identified and discussed. Findings revealed that students and teachers at Celebration International School have access to one or more mobile devices that have access to internet. Constraints were highlighted as hindrance to the fully adoption of emerging mobile technologies.

Some were the lack of facilitating conditions like institutional infrastructure and technical support. This had been indicated by 75% of the respondents. Recommendations were that the school should strike a balance to fully utilise emerging mobile technology for the provision of library services and learning to its clientele. Access to WI-FI internet around the campus and introduction of Bring Your Own Technology (BYOT) were also recommended as strategies that underpin this technological development. Further studies that encompass a survey of many institutions related to the field of emerging technologies adoption on learning and library services are highlighted.