

**FACTORS AFFECTING EFFECTIVE IMPLEMENTATION OF ICT IN TEACHING  
IN PUBLIC SECONDARY SCHOOLS. A CASE STUDY OF KIKUYU SUB COUNTY  
OF KIAMBU COUNTY**

**BY**

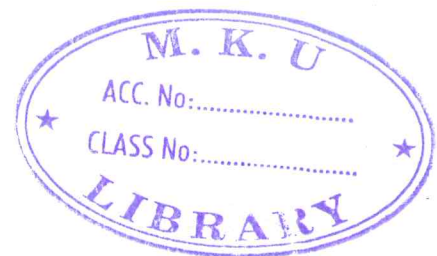
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## ABSTRACT

The purpose of this study is to investigate factors affecting effective implementation of ICT in teaching in public secondary school in Kikuyu Sub-County with an aim of suggesting that can be put in place to encourage teachers to use ICT in teaching. The rationale is based on the view that properly designed, learning materials inspired by instructional technology and delivered by technology add value to a teaching environment on which contact hours are limited. This is because the curriculum needs academic standards and the development of digital age skills for the 21st century learners. The literature review will focus on implementation of ICT in teaching, the level of ICT training and teacher related factors that affect effective implementation. The target population for the study is 256 teachers and 20 principals in 20 secondary schools in the county. A sample size of 120 teachers and 10 principals (50% of the population), with 3 boys schools, 3 girls school and 4 mixed schools will be selected from the 10 schools that will be selected using stratified random sampling.