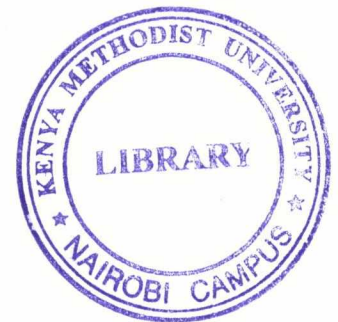


**FACTORS INFLUENCING IMPLEMENTATION OF ICT SYSTEMS IN PUBLIC  
SECONDARY SCHOOLS IN THIKA**

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**A THESIS SUBMITTED TO THE DEPARTMENT OF INFORMATION SCIENCE IN  
PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF MASTER OF  
INFORMATION SCIENCE OF KENYA METHODIST UNIVERSITY**



**JUNE, 2016**

## ABSTRACT

This thesis sought to investigate factors influencing implementation of ICT systems in Thika West public secondary schools. This would help to improve quality of education in terms of learning materials utilization in public secondary schools. Both qualitative and quantitative research designs were used. The study targeted a population of 840 teachers of public secondary schools with a sample size of 84 respondents. Questionnaires were used for collecting data. The data collected was then checked for errors, coded and then analyzed using descriptive and inferential statistics, specifically regression model as it enables to show the relationship between the independent variables (uses of ICT systems, implementation process, ICTs policies and ICT systems infrastructure) and dependent variable (implementation of ICT systems) with the aid of Scientific Package for Social Studies. Also qualitative data were analyzed. Understanding the factors influencing teachers on effective use of ICT systems in teaching in secondary schools was important as it would provide the entire education cycle with information regarding the implementation and use of ICT systems in public secondary schools in Thika Region in Kiambu County. Based on the findings of the research it was clear that there were a number of factors influencing implementation of ICT systems in public secondary schools in Thika. The study concluded that efforts by the Ministry of Education to sustain ICT systems implementation in schools are very minimal especially in the rural area in Thika West. From the findings the researcher recommended that the government should put measures on how ICT systems are to be integrated and implemented in Thika West public secondary schools.