

**THE ROLE OF INFORMATION COMMUNICATION
TECHNOLOGY IN ENHANCING TEACHING AND
LEARNING IN SELECTED PUBLIC SECONDARY
SCHOOLS IN GITHUNGURI CONSTITUENCY,
KIAMBU COUNTY**

BY

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ABSTRACT

The global advancements in technology have not only enhanced efficacy of various processes but also has ensured effectiveness of the same. The use of information Communication Technology in education is one such innovation. The main purpose of this study was to establish the role of ICT practices in enhancement of teaching and learning in the selected public secondary schools in Kiambu County. Despite the government's efforts to expand learning opportunities, facilities and channels of curriculum delivery through the ICT policy in education, most public schools in Kiambu County have not yet embraced ICT practices in enhancing of teaching and learning. The main purpose of the study was to establish the role of information communication technology in enhancing teaching and learning in public secondary schools in Kiambu County. The researcher adopted descriptive study design while seeking to assess the extent of ICT practices in teaching in public secondary schools in Githunguri Constituency Kiambu County. The target population comprised of the all public secondary schools in, Kiambu County from which a sample population of 5 schools public secondary schools which had integrated ICT in their teaching and learning were selected through systematic sampling. Respondents included Principals, computer teachers and students who were systematically selected. This enabled the collection of information that was used to assess the existence of the management strategies adopted by the school leadership as well as compliance to the stipulated government policies. Prior arrangements were made with the principals and the teachers in the study schools. Participants from the 5 schools were systematically selected to ensure equal chances for all. Data collection procedure involved making arrangements to have appropriate number of questionnaire distributed and administered in the study schools. The collected data was edited and errors corrected before subjecting the findings of the study to research analysis. Data analysis was done by use of tables, charts and bar graphs. Based on the results, the study found that ICT management practices contribute to enhancement of teaching and learning in the 10 selected secondary schools. However the ICT resources and facilities available are not adequate to enhance the student learning. Teachers in schools also lack adequate training in management of ICT facilities. The study concludes that ICT plays an important role in enhancing student learning, thus needs to be fully supported.