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**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**THE LATEST CYBERCRIME TRENDS IN KENYAN LEARNING INSTITUTIONS**

**By**

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# ABSTRACT

With the rapid globalization of the Kenyan economy, learning institutions are faced with the ever changing competitive environment full of cybercrime challenges. Of late there have been serious cases on hacking of various departments within the institutions in search of confidential information for alterations such as i**nstitutions of higher learning in Kenya are now feeling the heat of cybercrime as students target their databases. This has become a shocking issue in most of the institutions. Most students have become malicious as they intend to alter some of the key details such as information recorded in the transcripts, financial information i.e. alteration of fee balances, and even some of the confidential information regarding the set-up of various faculties within the universities.**

**This study focused on the following objectives to ensure that the set up goals are achieved. The main objective of the study was t**o investigate the prevalence of cybercrime activities against Kenyan learning institutions and recommend possible solutions. This was linked to the following specific objectives; to explore how the latest cybercrime trends affect Kenyan learning institutions, to identify measures put in place by the institutions of higher learning institutions to mitigate against these cybercrimes activities and finally to investigate how the institutions engage with authorities and regulators to address cybercrime.

Mixed methods research methodology has been used in this study as it involved the collection of both qualitative and quantitative data. Mixed methods research refers to the use of data collection methods that collect both quantitative and qualitative data. Mixed methods research acknowledges that all methods have inherent biases and weaknesses; that using a mixed method approach increase the likelihood that the sum of the data collected will be richer, more meaningful, and ultimately more useful in answering the research questions. In line with this the following were used as data collection tools; primary sources of data, secondary sources of data survey that implied the use of structured questionnaires with both open ended questions and closed questions. All data was analyzed with the use of likert-scale and Microsoft excel tools.

The outcomes presented in tables and bar graphs basing on issues that were involved in the study. The research has great demarcations that should be addressed in time to control the effects of cybercrime activities in various institutions.