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# Factors affecting adaptation of information technology in purchasing and supplies:(A case of Kenya power and Lighting company)

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**FACTORS AFFECTING ADAPTATION OF INFORMATION TECHNOLOGY IN  
PURCHASING AND SUPPLIES FUNCTION:  
(A STUDY OF KENYA POWER AND LIGHTING COMPANY)**

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**A RESEARCH PROJECT SUBMITTED IN PARTIAL FULFILMENT FOR THE  
REQUIREMENT OF THE AWARD OF BACHELOR IN BUSINESS MANAGEMENT  
(PURCHASING AND SUPPLIES OPTION) MOUNT KENYA UNIVERSITY**

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## ABSTRACT

Information technology (IT) is the application of computers and telecommunications equipment to store, retrieve, transmit and manipulate data, often in the context of a business or other enterprise. The study objective was to determine cost, technical capacity, organization culture and availability of ICT systems was the factors affecting adaptation of information technology in purchasing and supplies function.

The study used a descriptive research design and data was collected through the use of the questionnaires, the target population was 1000 respondents from all categories of respondents were selected using simple random sampling technique, the sample size was 100 respondents. The study findings was then be analyzed and presented in form of charts through the use of quantitative and qualitative techniques; this contributed towards answering of the research questions and making conclusion and recommendation of the research study.

The effect of cost was indicated by majority of respondents who were 94% answered Yes as compared to 6% who answered No. The effect of technical capacity was indicated by majority of respondents who were 88% answered Yes as compared to 12% who answered No. The effect of organization culture was indicated by minority of respondents who were 93% answered Yes as compared to 6% who answered No. The effect of availability of inventory control systems was indicated by 96% to be high as compared to 4% who said it does not have an effect.

Organizations should put measures in place to ensure they cut cost of adapting information technology. The organization should train employees on adaptation of IT in the organization which should be a continuous process. The organization culture should b flexible to ensure adaptation of information technology in purchasing and supplies function. The organizations should consider developing inbuilt IT systems in the organization.