1. The Extent to which Enhancement of ICT in Public Technical and Vocational Education and Training Institutions in Kenya has Accelerated Skill Development.

By

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Abstract

Information and communication technologies in education deal with the use of Information and Communication Technologies (ICTs) within educational technology. Educational technology is the study and ethical practice of facilitating learning and improving performance by creating, using and managing appropriate technological processes and resources. The study sought to determine the types of ICT facilities available for students' usage; the efficient use of these ICT facilities by students for effective learning and self-development that gear towards accelerated development and the extent to which students appreciate the use of these facilities in their studies; the ICT facilities that require enhancement for effective teaching and learning. The study was carried out in four Public TVET institutions in Vihiga and Kakamega Counties. Primary data was collected using Questionnaires, observation guide and interview. The data was analyzed using graphs and tables as well as percentages. The results show that the introduction of ICT facilities in the public Technical and Vocational has improved teaching and learning but to low extent. There are few ICT facilities available for students use to facilitate teaching and learning for accelerated development. The ICT facilities are not efficiently used by students in the course of their studies for self-development and accelerated national development due to shortage of Trainers. The study recommends that there should be an enhancement in provision of ICT facilities such as Audio-visuals, Applications software, networking facilities and provision of adequate Trainers to enhance learning.

Keywords: Information and Communication Technologies (ICTs), Educational Technology, Technical Vocational Education and Training (TVET), accelerated development, skill development.