



# KENYATTA UNIVERSITY

## 2<sup>ND</sup> INTERNATIONAL CONFERENCE ON EDUCATION

THEME: RE-ENGINEERING EDUCATION FOR  
SUSTAINABLE DEVELOPMENT

18<sup>TH</sup> – 20<sup>TH</sup> MAY 2015

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL MANAGEMENT, POLICY AND  
CURRICULUM STUDIES

VENUE: KENYATTA UNIVERSITY CONFERENCE CENTER

PROGRAM AND BOOK OF ABSTRACTS





**International Conference on  
'Re-Engineering Education for Sustainable Development'**

**18<sup>th</sup> - 20<sup>th</sup> May 2015**

**Kenyatta University Conference Centre (KUCC)  
Nairobi, KENYA**

# CONFERENCE PROGRAMME

***THEME: 'Re-Engineering Education for Sustainable Development***

***Sub-themes:***

- Enhancing quality in education
- Educational reforms and governance
- Research, innovation and knowledge transfer in education
- Application of ICT in education
- Resource mobilization and utilization in education

## **Information Communication Technology Integration for Instruction: How Prepared are Kenyan Secondary School Teachers?**

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### **Abstract**

Information Communication Technology (ICT) integration in learning enhances students' capacities for self-learning and information seeking. Consequently, Kenya has laid substantial importance on ICT integration. Secondary school teachers play a key role in facilitation of ICT usage. However, it is not clear whether Kenya's secondary school teachers are prepared to integrate ICT for instruction. This paper reports on a study that sought to determine the level of preparedness of secondary school teachers to integrate ICT in their teaching. The objectives of the study were to investigate the attitudes of secondary school teachers towards use of ICT for instruction and the status of ICT literacy among secondary school teachers. Descriptive survey design was used. A sample of 60 teachers, 12 principals, 1 DEO and 1 ICT officer was selected. Questionnaires and interview schedules were used to collect data. The findings were that up to 22% of the respondents never used ICT while 9% of the respondents used computers for teaching purposes. Further, a majority (91%) reported that they were interested in learning to use ICT for instruction. It was recommended that the ministry of education should introduce in-service training for use of ICT.

**Key words:** Information Communication Technology, Integration, Instruction, Preparedness and Learning