Abstract

The main aim of the Project was to incorporate ICT concepts in teaching Agricultural Machinery subject through Cloud Computing. The project entailed e-content development in line with the established curriculum for training Diploma level students in Technical Institutions in Kenya. The first objective outlined the utilization of diverse multimedia – audio, text, videos and graphics to enhance comprehension of the operating principle of diverse agricultural machinery. The project recognized that this made learners more interested and provoked participation in the teaching-learning process. The second objective identified appropriate multimedia for the various topics of training in the subject. The third objective involved selection of appropriate Learning Management System. For this project, Moodle was identified as the most appropriate [1]. The e-content could be accessed by both learners and trainers via the Cloud. The fourth objective was to test the functionality of the adopted system as used in teaching Agricultural Machinery subject. This was done by generating system reports and analyzing the usage.
7. Gupta, S. What is Multimedia? AP-CSE, NIEC.

Index Terms
Computer Science
Information Sciences
Keywords

Cloud computing, e-content, Multimedia, Learning Management System