EMPIRICAL STUDY OF THE INTEGRATION, APPLICATION AND UTILIZATION OF TECHNOLOGY SUPPORT LEARNING SYSTEM IN OBAFEMI AWOLOWO UNIVERSTY, ILE-IFE, NIGERIA

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ABSTRACT

This study employed descriptive survey design. It discussed the adoption of and integration of Technology Support Learning Systems(TSLS) in teaching and learning for distance learning and full time students .It also discussed various concerted efforts at integrating web-based learning into the teaching and learning of Science and Technology Education at the Post-Basic Institutions (STEP-B) . The specific objectives of this study are to:
(i) investigate TSLS adoption and usage among the students of Obafemi Awolowo University, Ile-Ife for both distance and residential learning,(ii) determine the availability and adequacy of the facilities / infrastructures for TSLS,(iii) assess the level of implementation of TSLS (iv) determine the TSL format adopted by the University,(v) find out student's acceptance to use the type of TSL format adopted, and (vi)investigate the challenges facing the integration and utilization of TSLS .

The study sample consisted two hundred and fifty undergraduate students and fifty six staff selected from OAU Ife. The research instrument is made of 35items divided into 5 sections. The results showed that adoption and usage of TSLS in OAU Ife was very high. TSLS facilities and infrastructure are inadequate for both full time and distance learners. The students were enthusiastic to accept and use the new TSLS (Academic Blackboard and Multi-site teaching using the blended learning approach. The major challenges as ranked by the students are: techno-phobia, band with problem, epileptic power supply and insufficient infrastructure.

Keywords: Technology Support Learning System, Motivation, Integrated Technology, Millennium Development Goals (MDGs) ICT-driven, Globalization, Open-Distance Education (O-Del).