

UNIVERSITY OF COLOMBO

ABSTRACT

FEASIBILITY OF INTRODUCING E-LEARNING MODULES AS A SELF LEARNING TOOL FOR IMPROVING THE LEARNING FACILITIES FOR THE UNDERGRADUATES OF THE SABARAGAMUWA UNIVERSITY OF SRI LANKA

by

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This study was done to find the feasibility of introducing e-learning course modules for the academic programmes of the Faculty of Management Studies in Sabaragamuwa University of Sri Lanka which is one of the remote university in the country and study the adoptability of such modules for implementing Learning Management System (LMS) for the university in future to enhance the learning activities as well as learner management. The scope of this study was, develop an e-learning module as a prototype for one of the subject area related to the Information Technology, offered by the faculty as a common course for the students of the Faculty. The system was developed and implemented using a Learning Management System run on a web server, both found as Open Source software from the Internet and was tested using the LAN on the computer centre reserved for the Faculty.

Although, a traditional classroom normally consists of around 120 to 160 students per batch for common courses, the sample is taken as the 2005 intake for the Faculty, which was a double batch, consists of 364 students. Feedbacks from the students for on-line questionnaires as well as from the system itself over the web were used as data collection and analysis method.

By analyzing the data, it is concluded that the implementing of e-learning courseware for the undergraduate courses as a learning tool for the Sabaragamuwa University of Sri Lanka are feasible and could enhance the learning activities of the students and could improve the management of learning/teaching task using a Learning Management System.