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COMPUTER AIDED LEARNING (CAL): MULTIMEDIA LESSON FOR ELECTRONICS UNIT IN G.C.E. A/L PHYSICS

A PROJECT REPORT PRESENTED BY

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ABSTRACT

Computer Aided Learning [CAL] is an improved methodology for teaching science subjects, presently being introduced in Sri Lankan schools. CAL could be introduced in various ways. Simulations are important in explaining abstract concepts. Among them there are several concepts in Advance Level Electronics unit. These concepts could be explained easily with computer simulations. User interactivity, convenience and enthusiasm were the dimensions concerned for the value of the package during constructing period. Macromedia director software was used to achieve this value.

After completing the package, it was used to teach selected groups of students. Finally students were given a questionnaire and the responses of the students to the package were analyzed. It was found that more students are in positive attitude on this package.