

Abhaya S. Induruwa and Yasahiro Kawada

Dept. of Computer Science and Engineering, University of Moratuwa

A Computer Based Instruction (CBI) package has been developed at the University of Moratuwa, aimed primarily at teaching computer languages such as Pascal, Fortran, Basic, etc, to a large number of students.

The package is written in 'C' language and runs on UNOS (UNIX like) operating system. Advantage is taken in writing a single screen management utility which is used with the appropriate CBI Data Base for the teaching of the required language. A glossary data base is also incorporated to help the students and a student record data base is maintained for administrative purposes. In addition a communication facility is provided to allow communication between students and between students and teachers.

In the development of this CAI package efforts have been taken to ensure high portability such that this can be used at other computer installations.