

F-07: Computerization of students' results using a Quick BASIC program

A H L A N Gunawardana, R O Thattil
(Dept of Crop Science, Faculty of Agric, Univ of Peradeniya)

This project was designed with a view to expediting students' results, a process which involves a great degree of difficulty if operated manually especially with the new course unit system, adopted by the Faculty of Agriculture.

The greater degree of efficiency which can be achieved through the computerization of this process together with the easing of hitherto tedious work, serve as main objectives of this project. The feasibility to release students results in a short time span, thus eliminating unnecessary delays in the existing manual system and the heightened degree of reliability of computerized data can be cited as the immediate outcome of the project.

A systems approach was used with menu driven capabilities to enter, delete, update, list, print and produce a final transcript. The programming language used was Quick BASIC.

The program was also flexible to handle new courses and delete old ones. This program can be used to enter and edit the grades for the courses followed by each student.

It also calculates the Grade Point Average (GPA) for each year and the final GPA. Checks on repeat students' grades and recalculation of GPA based on the repeat grades can be performed. The system has been installed at the Computer Unit of the Faculty of Agriculture.