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**“BIOSTAT”, A COMPUTER PROGRAMME
FOR BIO-STATISTICS MODULE FOR THE G.C.E. (A.L)
BIOLOGY**

A PROJECT REPORT PRESENTED BY

R.M.P. BANDARA
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to the Board of Study in Science Education of the
POST GRADUATE INSTITUTE OF SCIENCE

*in partial fulfilment requirement
for the award of the degree of*

MASTER OF SCIENCE IN SCIENCE EDUCATION

of the

**UNIVERSITY OF PERADENIYA
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**“BIOSTAT”, A COMPUTER PROGRAMME
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This computer based self-guided study package on Bio Statistics was developed for G.C.E. Advanced Level Biology students. Subject material included herein was based on the Bio Statistics Unit (unit 9) of the G.C.E. Advance Level Biology syllabus. This section of the syllabus was specially selected to overcome the difficulties experienced by both students and teachers. This was introduced with the new Biology Syllabus, implemented in 1998.

Information for preparing this statistical package was drawn from various Textbooks and Encyclopaedias. This package was written in Sinhala medium in consideration of the higher percentage of Sinhala medium students. The main purpose of writing this package in Sinhala medium was to make students have a better understanding of the content of the section in overcoming the language barrier. The Graphical user Interface of the package provides a user-friendly interface for the users. This package is introduced as an executable file. It can be operated and functioned on any computer without depending on any other package such as MS Word, Ms Excel or MS Power Point etc. It can be operated on most of the operating systems such as Windows 95, Windows 98 or higher versions.

Ability of executing this program in 486DX, 486SX, Pentium I, Pentium II, Pentium III or any other higher versions of computers helps to work in all the computers available in schools. Size of the auto executable file of the package is 7 MB. Size of the other necessary files (MSVBVM60.DLL, OLEAUT32.DLL, MSFLXGRD.OCX, DL-SARALA, DL-PARAS) is 2 MB. Thus the total space required by the package consumes is 9 MB. Because of this reason, computers without CD Drives can

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