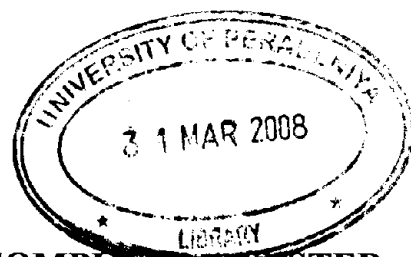


C  
001.642  
THE



**INTRODUCING TAMIL LANGUAGE IN COMPUTER ASSISTED  
LEARNING SOFTWARE**

A PROJECT REPORT PRESENTED BY

THAMBIAPPAH THEIVEEGARAJAN

to the Board of Study in Statistics & Computer Science of the  
**POST GRADUATE INSTITUTE OF SCIENCE**

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

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

of the

**UNIVERSITY OF PERADENIYA**

**SRI LANKA**

**2007**

**614231**

# INTRODUCING TAMIL LANGUAGE IN COMPUTER ASSISTED LEARNING SOFTWARE

T.Theiveegarajan

Board of Study in Statistics & Computer Science

Post Graduate Institute of Science

University of Peradeniya

Peradeniya

Sri Lanka

Today the World Wide Web has become a very important part of our every day lives and e-Learning is a new era of our education system. E-learning is the integration of computer technology and the Internet with school curriculum. We need a material that will supports **teachers**, by presenting some practical examples on how computer assisted learning can be **integrated** with modern ways of teaching and learning. Today people use different **techniques** for designing Computer Assisted Learning software in e-Learning system. A software tool for predicting the usability of web sites used in education applications is under development in Sri Lanka. It is introduced an existing software Hotpotatoes in this e-Learning system. But there is lack of Tamil Language in that software. This project is aimed towards Introducing Tamil Language in this Computer Assisted Learning Software as suitable for Tamil medium students and teachers.

This report discusses the emergence, concept and technology behind the e-learning in some detail and includes the ideas given by e-Learning professionals. Further it describes the use of open-source software to build e-Learning system by various countries and looks deeply in some extent at the open source Hotpotatoes software.

The aim of the work is to use the Hotpotatoes software to build a Computer Assisted Learning software for the Tamil Medium Schools in Sri Lanka.

The need for a Computer Assisted Learning software for Tamil Medium Schools in Sri Lanka to facilitate the educational and other services is argued and achievements and obstacles encountered during the project while providing directions and guidance for further improvement and research in the developed software.

