## PREPERATION OF A COMPUTER BASED SELF-STUDY GUIDE FOR G.C.E. ADVANCED LEVEL

## **PHYSICS STUDENTS**

A PROJECT REPORT PRESENTED

BY

R.M.S.K. GUNASINGHE

To the

## POSTAGRATUATE INSTITUTE OF SCIENCE

In partial fulfilment of the requirement For the award of the degree of

MASTER OF SCIENCE

Of the UNIVERSITY OF PERADENIYA SRI LANKA November 1999

# PREPERATION OF A COMPUTER BASED SELF STUDY GUIDE FOR G.C.E. ADVANCED LEVEL PHYSICS STUDENTS

## R.M.S.K. GUNASINGHE

## POSTGRATUATE INSTITUTE OF SCIENCE

M.Sc.

### **ABSTRACT**

Continuous advancement of new technology has provided us various means to develop effective learning materials. In particular *computers* can be used to design effective self-learning materials. During this project a computer based self-study guide was developed and implemented aiming at explaining Rotational Motion to G.C.E. Advanced Level students.

Hypertext Markup Language (HTML) and JavaScript were used to design the study package to make it more interactive.