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**PREPARATION OF A COMPUTER BASED SELF-LEARNING  
PACKAGE FOR A-LEVEL CHEMISTRY STUDENTS**

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**PROJECT REPORT PRESENTED BY  
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**ABSTRACT**  
**PREPARATION OF A COMPUTER BASED SELF-LEARNING  
PACKAGE FOR A-LEVEL CHEMISTRY STUDENTS**

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Science and technological development in education gives support to learning at all levels. In particular, computers provide the best technology for supporting education in different modes of teaching and learning. Those computers are now well established as an instructional resource in education. However, computer makes possible student involvement in higher order thinking skills by performing many of the lower level cognitive tasks by providing memory support and by juggling interrelated variables. Through a partnership with the computer, the user may also benefit from the effect of cognitive residue resulting in improvement or mastery of a skill or strategy.

For this purpose, related computer based instructional resources must be developed by the educators (teachers) for proper school curriculum. In Sri Lanka, there is a lack of related computer based instructional resources.

In this project, I prepared a computer package for a few selected organic reactions for A/L syllabus by using Flash MX. This study package is very useful for A-Level chemistry students. Students can easily understand the underlying concepts, making teachers' task easy.