

**A STUDY ON FACTORS INFLUENCING  
TEACHERS' MOTIVATION TO USE COMPUTER-  
AIDED INSTRUCTION (CAI) IN THE CLASSROOM**

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## **ABSTRACT**

This study has been conducted to investigate factors influencing teachers' motivation to use CAI in Malaysian classrooms. This study has looked into the teachers' perception of the use of CAI in the classroom. Utilizing the descriptive survey method using questionnaires, fifty teachers from a government school were used as respondents. The school is located in Kampong Jawa, Klang. In general, this study revealed that teachers' knowledge, skills, confidence and innovativeness affect teachers' perception on the use of CAI in the classroom, and this become the factor that influences teachers' motivation to implement CAI in the classroom.

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## **CHAPTER 1**

### **INTRODUCTION**

#### **1.0 Introduction**

CAI or Computer-Aided Instruction is an educational programme designed as a teaching aid to assist teachers for effective teaching. CAI is basically from computing science branch and according to Russell (2001), even though CAI has similar terms to describe it, such as Computer-Assisted Instruction, and Computer Based Learning, CAI is a utilization of computer in teaching. CAI is an element to ICT (Information and Communication Technology), which according to Russell (2001), ICT has been accepted globally to bring innovation to everyday's activities.

CAI programme is a computer application that uses CD-ROMs or software to run tutorials, quizzes or drills on the computer. According to Douglas (1993), CAI programmes support student-centred learning as students can learn at their own pace. Therefore, academicians from various subjects have adopted CAI as a new pedagogy. Since then, CAI is no longer belongs to Computing Science as CAI has been widely applied in schools to assist teachers in language and mathematics subjects. Developed countries such as America and Japan have applied CAI in their schools, and many countries are following them as well. CAI is seen as a new pedagogy in the new