

CHAPTER I

INTRODUCTION

1.1 Background of the Problem

The Information and Communication Technology (ICT) in this era has been grown up not only from the quality but also the efficiency. They are moving fast without any limit from every product. The need of technological innovation has brought the communication revolution and rapid development of technological application in this life. This technology made contribution on improving language communication in Indonesia. Information and Communication Technology has wider impact to all of aspect in life such as politic, economic, culture and especially education.

In Education, computer technology has become so essential that the government put Information and communication technology as one of the curriculum in Indonesia's education. The utilization of Information and Communication Technology in education has recently started to appeal the potential and significant progress in language learning. It has become a major issue in education world and has been used from school through to university that could facilitate students and teacher in teaching and learning process. Therefore, education needs the effective modern learning process. One of the effective modern in learning process for education is using Information and Communication Technology (ICT).

According to Grimus (2000), Information and Communication Technology (ICT) has the potential in preparing students for life in the 21st century. Through learning Information and Communication Technology skills, students are ready to face future challenges based on proper understanding. Based on the explanation above, it will be concluded that learning Information Communication and Technology is very important for their future. Because when they work, they will use highly sophisticated technology.

According to Gorder (2008) states that whatever stage of learning a child maybe at, Information and Communication Technology can help motivate, Reengage them and capture their attention. Challenging tasks even become more manageable and learners' participation reaches a much higher level when technology is made a part of the learning process. Similarly, (Grabe & Grabe, 2007; Hussain et al., 2011) stated that this is because Information and Communication Technology can help students to develop their skills, boost up their motivation and widen their knowledge and information. Based on the explanation above, it means that Information and Communication Technology is very influencing and made the students pay attention when the teacher teaching them and the students will understand in learning process.

According to Bransford, Brown, and Cocking (2000) believe that Information and Communication Technology can help students to develop the competencies needed for the current globalization. From here, the researcher can be concluded that in globalization era, students should have an ability to operate some kinds of technology which it always growing every year.

Additionally, Information and Communication Technology (ICT) is also influence English language teaching and learning process in Junior High School. Information Communication and Technology includes computers, Internet, and electronic delivery systems such as radios, televisions, and projectors among others, and is widely used in today's education field. Every school has used the Information and Communication Technology to facilitate the teacher to teach the students in the classroom. Many kinds of applications that they used in the classroom could be improved and enhanced the teaching and learning process.

Based on the observation in Junior high school about the Factors influencing integration of Information and Communication Technology. it was found that some problems:

Firstly, The lack of facilitation such as computer, projector, internet and wifi In the school, most of the teachers did not use the facilities, but several teachers who are used it. There are some reasons why some of teacher did not use. The teacher did not confident to use the facilities and the teacher did not have a competence to use the facilities.

Secondly, Age and Gender of the teachers within using Information and Communication Technology. So, the young teachers more actively in using Information and Communication Technology than older teachers because younger teachers learn more about Information and Communication Technology as education development and can apply it in classroom learning.

The last, Teacher training is one way to increase their knowledge of using Information and Communication Technology in the classroom. Because when

schools create or conduct teacher training in using Information and Communication Technology (ICT), it will make easier for them to teach in the classroom. And with the training they already understand how to use it, and they will be more creative in making ICT-based learning media.

To achieve the implementation of Information and Communication Technology (ICT) in education, especially in Junior High School, it is important to know and understand the factors influencing integration of Information and Communication Technology. Therefore, the researcher would like to conduct a research entitled **Factors influencing integration of Information and Communication Technology (ICT) in Teaching English at Junior High School in Pekanbaru.**

1.2 Identification of the Problem

Based on the background, there are some of factors that influencing integration of Information and Communication Technology. There are some factors that were found based on the observation.

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1.3 Focus of the Problem

Based on the problem identified, the researcher focuses the problem on the factors influencing integration of Information and Communication Technology (ICT) in Teaching English at Junior high school in Kecamatan Marpoyan Damai Pekanbaru. In this case, the researcher will be focused on Teacher's problem. There are non-manipulative such as Teacher's demographic, proper training and manipulative such as facilities of ICT, teacher's attitude and teacher's workload.

1.4 Research Question

Based on the focus of the problem that stated above, thus the problem of this research will be formulated in the following research questions:

What are the factors that influenced the teacher's in integration of Information and Communication Technology (ICT) in Teaching English at Junior High School in Pekanbaru?

1.5 Objectives of the Research

To find out what are the factors that influenced the Teacher's in integration the Information and Communication Technology (ICT) in Teaching English at Junior high school in Pekanbaru.

1.6 Significance of the Research

By conducting this study, some significance could be expected in contribution to teachers, students and further research.

- 1.6.1 For the Teacher, to give information about the factors influencing integration of Information and Communication Technology (ICT) in teaching and learning process in the class.
- 1.6.2 For the School, The researcher hopes this research can makes the school provided the training of Information and Communication Technology (ICT) and the facilities of Information and Communication Technology to improve the implementation of ICT in the school.
- 1.6.3 For the further researcher, The Researcher hopes this study can help them to improve their study more effectively and easy to understand.

1.7 Definition of the Key Terms

In order to avoid misunderstanding and misinterpretation in this research, it is necessary to explain the term used in this research. The terms are as follows:

1.7.1 Information and Communication Technology (ICT)

Information and Communication Technology (ICT) Refers to a study, planning, development, implementation, supporting or system management that base on computer, especially software and hardware computer application (Sutarman, 2009:13)

1.7.2 Information and Communication Technology (ICT) Integration

ICT integration define as a process of determining where and how technology fits in the teaching and learning scenario (Mahmud and Arif, 2008)