

## **CHAPTER V**

### **CONCLUSION AND SUGGESTION**

#### **A. Conclusion**

The spread of the covid-19 virus caused all public facilities must be closed. School is one of the public facilities that must be closed. The teachers and the students cannot meet directly in the classroom to curb the spread of this virus. Offline learning must be changed to online learning. It is a big challenge for the teachers and also the students. Some challenges faced by teachers such as family disturbance, pet intrusion, ICT skill, cost, etc. in this research, the researcher focus on teachers' ICT utilization challenges in online learning and teachers' pedagogical knowledge.

There are some teachers' ICT utilization challenges in online learning during the covid-19 pandemic. The first, qualified technological facilities, the second, the modification of teaching materials using technology, and the last, the obstacles in the implementation of online learning using ICT. to overcome those ICT challenges, the teachers must have pedagogical knowledge in ICT utilization skill in teaching and learning process. This knowledge must behave by every teacher.

After conducting this research, the researcher concludes that the two English teachers have their ICT utilization skills in the teaching and learning process. They used to use ICT in deliver the material during the teaching and learning process. ICT utilization here focuses on the use of computer devices that include CAI, CBI, and web-based learning. The two English teachers usually used CAI, CBI, and web-based learning in the teaching and learning process. Although,

the use of CBI is rarely used without teachers' control. But mostly the researcher concludes that the two English teachers have good pedagogical knowledge of ICT utilization in the teaching and learning process.

In addition, the teachers' pedagogical knowledge of ICT utilization challenges will be concluded here. The first is the teachers provided the students' online learning media material. The second, the teachers joined some teachers' training and also the teachers learned with other teachers.

## **B. Suggestion**

From the finding presented in chapter five, there are several suggestions as follow :

1. Teachers are expected to be able to improve their pedagogical knowledge or competence in the teaching and learning process. Especially in ICT utilization challenges. Because nowadays the ICT utilization in the teaching and learning process is a must. Besides that, the teachers are also expected to improve all the components of pedagogical knowledge. There are education basics, students' characteristics, curriculum development, lesson plan, implementation of educational learning, Implementing of dialogic learning, ICT utilization, learning outcome evaluation, and also students' potential development.
2. The result of this research may be used as a reference for other researchers related to online learning challenges. Because this research focuses on the covid-19 pandemic and online learning: the teachers' ICT utilization

challenges and teachers' pedagogical knowledge in private junior high school Diniyyah Al-Azhar Jambi by using interview and document research techniques.