CHAPTER III

RESEARCH METHOD

This chapter discusses research approach, time and setting of the research, the source of data, focus on the research, technique of data collection, technique of data analysis, and research instrument.

1. Research Design

The research design used in this research is categorized into a qualitative research. According to Creswell (2012), qualitative research is a means for exploring and understanding the meaning individuals or groups ascribe to a social human problem. In addition, Moleong (1989) stated that qualitative research is a research which the data are in the forms of written or oral words and are analyzed descriptively. While Dabss, (1982), also has an opinion about qualitative research, it is a research in which the data are discover through statistical procedures or other calculation. Therefore, the data always appear in the form of words rather than numbers.

In conducting this research, the type of qualitative research of this research is case study research. Case study according to Crowe et al., (2011) is used to produce a deep understanding of a complex issue in its real-life context. The writer describes the real situation and condition of English teaching and learning process and the result of students' answer on questionnaire sheet to find out the OTKP students' need in learning English. This research aims to investigate whether the ESP teaching and learning for OTKP students in this private vocational high school located in Kec. Batujajar already meet the current and future needs or not.

From explanation above, the writer concludes that by conducting a qualitative method, the writer is able to investigate the OTKP students' need in learning English.

2. Research Setting

This research was conducted in vocational high school located in Kec. Batujajar. The subject of this research was the eleventh-grade students of OTKP major in the academic year of 2020/2021.

The participants of this research were an English teacher and 81 OTKP students. In this research, there were 81 participants of the questionnaire out of 90 students, then the researcher chooses seven respondents to be interviewed based on the students' interesting answers in the questionnaire.

3. Procedure of Research

The research procedure used in this research were:

1. Develop Instruments:
   a. Preparing the questionnaire
   b. Preparing the interview questions

2. Collect Data
   a. Set up google form for questionnaire
   b. Set up interview

3. Analyze Data
   a. Review all questionnaires' answers
   b. Review all interview

4. Data Collection

In this research, the data were collected from needs analysis questionnaires adapted from Chatsungnoen (2015), and interviews. The questionnaire consists of factual, ranking, scale, and open-ended questions to get a more specific answer. After that, the questionnaire is distributed to the participants using Google Forms. Then, an English teacher and some of the participants who are considered become the representative of their responses are chosen to be interviewed. Lastly, the interview is recorded and conducted to find out more detailed information.

5. Data Analysis

To analyze the gathered data, the writer used descriptive analysis. First, the writer deals with describing and analyzing the collected data, then, the writer concerns with making inferences based on the phenomena. The data from text book and interview are analyzed qualitatively by the writer. There are several steps in analyzing the collected data:

1. The data from the interviews were in the form of voice recording. The voice recordings were analyzed and categorized to obtain information related to the research questions of this research.

2. Calculating percentage of answers in the questionnaire. It is purposed to know percentage of the students' answers in the questionnaire. The result of statistical analysis shows dominance answer of the questionnaire. In counting the students' answer of each question in the questionnaire, the writer uses a formula based on Purwanto (2013), as follows:

$$NP = \frac{R}{SM} x100\%$$

Note:

NP   = Percentage of the students' answer

R   = Amount of the students' answer

SM   = Total of the students