# CHAPTER III

## RESEARCH METHODOLOGY

This research aims to investigate the percentage of student lack confidence and the cause of students lack confidence in speaking. This chapter explains the research design, research procedures, and the subject of the research, the setting, research instrument, data collection technique, and data analysis.

## A. Research Design

The method of research is the common strategy that is used by research to get and collect the data needed in order to answer the research problems.[1] According to Donald Ary there are four categories of research that use in research education.

1. Experimental research describes what will be if certain variables are carefully controlled or manipulated. The focus is on relationship[2].

2. Ex Post Facto, it is the same with experimental research but the researcher cannot manipulate the free variable.

3. The third historical method, it describes, "What it was". The process involves investigating, documentation, analyzing and interpreting the

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[1] Arif Furqon." *Pengantar Penelitian Dalam Pendidikan".* Translated from Donal Ary. (Yogyakarta : Pustaka Pelajar, 2011), p.39.
[2] J.W. Best *, "Research in Education* "Forth Edition ( New Jersey : Prentice Hall, Inc, 1981),25.
Ibid 2,p.25

events of the past for the purpose to discovering the past, understanding the present, and limit the extent in anticipating future[3].

4. And the last is descriptive method, it describes and comments recent the phenomena. This study aims to get information about students who have lack confidence in speaking class and finding describe students who have high, medium and low scoring in study document. Arikunto states that documentation is a method to get about anything on the form of notes, transcripts, magazines, book, etc.2[4]

This descriptive study is designed to obtain information concerning particular issues and then describe them. Arikunto states that descriptive research is not meant to test a certain hypothesis, but it only describes the phenomena, situation and condition that occur during the study. Descriptive research is to present a board range of activities that have in common the purpose of describing situation or phenomena.

Denzin and Lincoln as cited in Moleong state that qualitative research is a research that use natural setting to interpret a particular phenomenon and done using various method[5]. Donald Ary in his book states that descriptive qualitative is designed to get information about indication status when the research is done[6].

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[3] Ibid 2,p.25

[4] Suharsimi Arikunto, *Prosedur Penelitian, (*Jakarta: PT.Rineka Cipta, 2002) page 234

[5] Lexy J Moleong*, "MetodologI Penelitian Kualitatif edisi revisi"*, (Bandung: Rosda Karya, 2005), P.5

[6]Donal Ary, "*Pengantar Penelitian Dalam Pendidikan".* (Yogyakarta : Pustaka Pelajar, 2011), p.447

Referring back to Denzim, qualitative study uses various methods. In this study, data were collected using qualitative method. Qualitative method was used to collect and analyze the data from the document of students when they have low confidence, and after that, to know the students' lack confidence by giving them interview.

## B. Subject of Research

This study takes students of English Teacher Education Department Islamic State University Sunan Ampel Surabaya as the participants. The researcher uses a purposive sampling to choose the subject of the research. Purposive sampling is a non-representative subject of some larger population and is constructed to serve a very specific need and purpose.[7] Therefore, the researcher researches the fourth semester students of English Teacher Education Department. The researcher takes fourth semesters because in each semester the students still face speaking class. In fourth semester, that is researched will be taken some students who have lack score in their speaking class. For the study document, the researcher takes score of their previous semester (the third semester speaking score). Those documents are used by the researcher to analyze the abilities of the students who lack in speaking class. Students who have lack score based on study document means students who chosen to giving information about causes lack of confidence in speaking class.

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[7] Http://Psychology.ucdavis.edu/faculty_sites/sommerb/sommerdemo/sampling/types.html access at 8.40 PM 29th of April

According to Hakim Thursan, there is several factor and characteristics or criteria problem face students' who have lack of confidence in learning speaking English.

## C. Data and Source of Data

Data is everything taken from the study document and interview guidelines which are studied by the researcher. Data obtained through documents and will be strengthened by interviewing the samples. The sources of data in this study are fourth semester students of English Teacher Education Department UIN Sunan Ampel Surabaya.

The data explains and answers the research question about the students' confidence in learning speaking, with the result that the research can find the cause and how to overcome those problems.

## D. Research Procedure

In this research, the researcher wants the reader to understand the steps from the beginning of how to collect the data in general view. Before doing the interview, the researcher asked for the fourth semester students' score of speaking class in their previous semester. The researcher then analyzed the document score of each class to know the level of their speaking score. Then the researcher asks the lecturer of their speaking class about the score criteria to know what the students' confidence also influence their speaking abilities. After knowing the students' abilities in their speaking class, the researcher chooses students in low score of each semester who are researched by the

researcher to interview them. So that, in fourth semester the researcher takes samples students low in score only. After selecting the students who will be interviewed, the researcher does the interview to the selected students.

E.  **Data Collection Technique**

    To obtain the valid data, the researcher uses two kinds of data collection technique.

1.  Study document

    The technique for collecting data in this study, the researcher used the study documentation in collecting the data. And then with documentation, the writer will collect the data through these following.

Steps:

    a.  Finding the percentage students who have result scoring in their speaking class. It means to know student who have high, medium and low. The categories students who have high scoring above 81-100 or A+, A & A-. And the students who have medium scoring above 71-80 B+, B & B-. And the student who have low score above 55-65 or C+, C & C-.

    b.  Finding the students who have low scoring in their speaking class. It means low scoring in this study is the student who has score underscores 65 / grade C+, C & C-.

According to Imam A. percentage is also used to indicate how big or small a quantity is as compared to another one.[8]

Percent is often calculated in mathematics in order to estimate the percent difference between some quantities. The three characteristics which are easy to differences their speaking scores:

Table.1 scale students' speaking score

Based on IUN Sunan Ampel Surabaya guideline

| NO. | Quality | Scoring | Scale |
|-----|---------|---------|-------|
| 1. | High | A+ <br> A <br> A- | Very Good |
| 2. | Medium | B+ <br> B <br> B- | Good |
| 3 | Low | C+ <br> C <br> C- | Poor |

In this table above, the researcher calculate the result of student's speaking score with the some categories *high*, *medium* and *low*. There are fourth classes *A, B, C* and *D* in the preview semester (student's speaking score in third semesters) which describing to the percentages of students' speaking scores with the graphic.

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[8] Imam A. Persen rasio & proporsi. *Teori Bilangan*. Sekolah Tinggi Agama Islam Negeri (STAIN Ponorogo), 2014. P4

2. Interview

Interview is collecting data through by giving questions to the respondent based on the subject of the study.[9] Interview is used in this study to know why do the students' lack of confidence the data obtained from questionnaire. The interview is done with some students of each semester.

The researcher chooses some students of each semester who answers need to be explored. Interview is necessary to find out students' point of view about their difficults and its causes in learning low confidence speaking and also to strengthen their answers from questionnaire.

## F. Research Instruments

In this part, the researcher uses the instrument to complete all data which are needed in this study. In this research, the instruments which are used by the researcher are observation field note and interview guideline.

1. Study Document

For study document, the researcher asked for score sheet of speaking class of the previous semester to the lecturer to know the students' speaking scores. The researcher calculated the score into percentage to know their score level in speaking, and then select some students who have low score to be the samples of interview.

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[9] Ibid. p.98

2. Interview Guide

In this stage, after knowing the percentage of their abilities in speaking, the researcher takes students low score to be interviewed based on an interview guideline. The result of interview is used to find out the causes of students' lack of confidence in speaking class at English Teacher Education Department.

## G. Data Analysis Technique

The researcher acquires the data through study document and interview. Interview is adapted from a book written by Patton. Interview is one of three kind techniques to collect data beside questionnaire and observation.[10] In this study, the researcher analyzes the data by using descriptive qualitative. All the data obtained by the researcher are presented in the form of description.

The researcher analyzes the data which is earned from the study document and interview. The score of document is identified by the researcher in order to know the abilities of students in speaking by percentage. The result of percentage in their speaking score is to answer research question number one about the percentage of students' confidence in learning speaking. Interviewing the students is the next step in order to acquire the data on what causes the students' lack of confidence when they speak English.

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[10] Michael Quinn Patton, *Qualitative Research and Evaluation Method,* (London: Sage Publication)2002 p.4

After identifying the data which are obtained from study document and interview, the researcher describes the information concerning with the students' lack confidence in speaking. The data obtained from interview is used to strengthen the information from study document.

To find out the percentage of the students' confidence in speaking, the researcher calculates how many students who get low score in speaking. To calculate how many students who face the same lack score, the researcher has to get the percentage of each student's grade from the document. To get the percentage of students' who got low score, the researcher uses the formula from Suharsimi as stated below:[11]

$$P = \frac{F}{N} \text{ X } 100\%$$

P = the percentage of students with low medium and High score

F = the number of frequency of students with low medium and High score

N = the number of with low medium and High score

This formula is only used to find out the lowest confident percentage in order to know the dominant problem in speaking English of English Teacher Education Department students.

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[11] Suharsimi Arikunto, *"Prosedur Penelitian (Suatu Pendekatan Praktik)",* (Jakarta: Rineke Cipta, 2006. P.152

In conclusion, the researcher begins to describe the findings in a chart percentage and present the data obtained descriptively. The description made by the researcher based on the data collection. Then, the researcher analyzed the data in specific but brief and clear description.