

# CHAPTER I

## INTRODUCTION

### 1.1 Background of Study

Writing scientific papers is one of academic requirement that student must do, especially when they will finish their study program as part of their final assignment. A student is a person who is studying at a University by studying a certain program, whereas the senior class was one in the process of working on the final assignment. The final assignment is a thesis writing made by a final semester student from a university. The final task is based on the results of the study, on the problems of the study. Writing science as a final task is every student's duty at the end of the course. One form of academic writing that became a student's masterpiece is thesis.

It is not easy to complete a senior thesis. A senior year is fraught with challenges. Students, in general, are lazy to read scientific articles, lazy students write scientific articles, their lack of understanding of articles in foreign languages, particularly English, which has become the language of science and technology, students have difficulty composing scientific technical terms, not knowing the ordinance of writing a sound science/good/right, the difficulty of finding material resources, the student's limitations reveal an idea, Students struggle to discover references that fit the title, as well as proof in research or data that supports it.

The student's underlying aspect is a lack of drive in creating scripts, a lack of knowledge of the issues in writing scientific works, and a lack of desire to meet with academics. The student body's external aspect is: assisting parents at work, and a lack of parental assistance. in Korea the problems in writing scientific papers are: it is difficult to find scientific papers because it is in a foreign language, namely English because Koreans rarely speak English.

Writing is a revealing of a person's mind/ideas in the form of writing. Writing activities are not separated from high-level student activities. The quality and quality of a paper is very determined by the ability of the author.

Writing of scientific work has a very important role in the development of science, technology and art. Each student is required to have the ability to write various types of scientific work, such as papers, research reports, thesis, journals, dissertations and thesis.

Reporting of the final tasks produced by students at the English education department in the documentation in 2 (two) forms, namely in the form of hard in the form of books (if hardcover) and in the form of soft in the form of word files. This is done because of the provisions of the English education department.

Thesis has the potential to be a burden for students so as to tend to be used as origin as a requirement of graduation. The worse, the thesis even leads to unhealthy practices among students for example the fabrication of the thesis. Many of the above opinions show that actually behind the objective of the thesis is the government regulations that the reality of the fields of students tends to assume thesis as a load. I think the fact that scientific writing skills would be useful in the future would not be sufficient motivation to practice those skills.

The ability to write research in the form of papers that can survive in the peer review exam is very important and critical terms for all academics, not just to socialize their work but also to advance their careers. The purpose of this project is to develop and assess students' abilities to address problems utilizing the Scientific Writing papers approach. I conducted research in the eighth semester of English education.

## **1.2 Identification of Study**

Based on the background of the study above, the researcher identified some potential problems of the study as follow:

1. Science articles are not read by students.
2. College students are lazy to write science papers
3. Difficulty of comprehension of articles written in foreign languages, particularly English
4. Students have a hard time comprehending technical scientific.
5. The majority of students do not know how to create scientific articles that meet applicable requirements or that are good and correct.
6. Sources of material are difficult to come by
7. Pupils' limitations when it comes to expressing their thoughts
8. Finding research proof or data is tough for student.

### **1.3 Limitation of Study**

To limit the scope of the research and to be focused, the researcher concentrates this study on students' problems in using English references due to students' lack of skills in using them in their scientific writing. This study will specifically investigate students' problems in searching for English resources, locating resources, and using the resources in their writings. Further, this study will also investigate how students cope with their problems through observation and interviews.

### **1.4 Formulation of Study**

Based on the limitations of the study above, the research formulated the study into research question as follow:

1. What problems do students of eight semester face in using English resources in writing scientific papers at the Department of English Education of Tarbiyah Faculty, Universitas Islam Negeri Sumatera Utara Medan?

2. How do students of eight semester solve the problems in using English resources in writing scientific papers at the Department of English Education of Tarbiyah Faculty, Universitas Islam Negeri Sumatera Utara Medan?

### **1.5 Objectives of Study**

The objectives of this study are two folds:

1. To find out problems faced by the students of eight semester in using English resources in writing scientific papers in the Department of English Education of Tarbiyah Faculty, Universitas Islam Negeri Sumatera Utara.
2. To find out students' strategies to overcome the problems in using English resources to write scientific papers in the Department of English Education of Tarbiyah Faculty, State Islamic University of Sumatera Utara.

### **1.6 Significance of Study**

The significance of the study are the followings:

1. For the faculty of Tarbiyah and Teacher Training, this research can be used as evidence to develop training programs for students to improve their writing skills for academic purposes. Students must be equipped with tools for writing scientific papers.
2. For English Department, this research can be used as a baseline for developing curricula that integrate academic writing skills for students of the English Department. Students must be facilitated with scientific resources such as electronic journals and are trained to search for those journals.
3. For English teachers, this research can provide an insight into how to conduct research-based instruction in teaching English. English teachers must address students' problems in understanding English texts, especially journal articles. English teachers can also

provide writing assistance for their students in expressing ideas in academic writing as well as applying rules and procedures in writing.

4. For other researchers, this research can be used as a reference to conduct further research or other relevant studies.

