

CHAPTER I

INTRODUCTION

Discuss about research context that tell us about the phenomena in problems of study, research focus of the problem in research, research objective tell about the aims of the researcher, significance of study tell about the benefit of the research, such us for the researcher, the students, the readers, tec. The scope and limitation of the research that make the research have the main problems of the research and definition of key terms tell about the explanation of the title of the research based on the researcher perspectives

A. Research Context

In 2020, the world was shocked with outbreaks of pneumonia new starting from Wuhan, Hubei Province which then spread quickly to more than 190 countries and territories. This plague was given the name of coronavirus disease in 2019 (Covid-19) caused by Severe Acute Respiratory Syndrome Corona virus-2 (SARS-CoV-2). The spread of this disease has been provided a broad impact socially and economically. Still a lot of controversy surrounding this disease, including in the aspect of the enforcement of the diagnosis, procedure, to prevention. Therefore, we conducted a review of studies related to Covid-19 which has been widely published since the beginning of 2020 and then until the end of March 2020.¹

¹ Susilo Adityo, C. M.. *Jurnal Penyakit Dalam Indonesia. Coronavirus Disease 2019: Tinjauan Literatur Terkini*, 2020, p. 45.

Various policies have been issued by the government of Indonesia to reduce the rate of spread of the virus corona with imposed social distancing, physical distancing to the implementation of PSBB (restrictions on large-scale social) in some areas. Policies are issued to limit the spread of covid-19 impact on various fields throughout the world, especially education in Indonesia .²

The schools get instructions for compliance with government directives concerning distance learning or commonly known as online. online learning is a solution that should be taken as a sudden and forced, of course, not all schools are ready both in infrastructure and SDM resources of the school. Then students also do not have the readiness in terms of motivation to learn independently without the teacher directly, and the control of the parents the less to always accompany your son/daughter to learn online, parents during this leave his son to school because parents are busy working to meet the needs of the family. The success of online learning can be achieved if the three components work in synergy, namely the schools, students, parents/guardians of the students, outbreaks in children. The solution given, namely withenforce learning at home by utilizing various support facilities support³

The utilization of electronic technology in teaching and learning reinforces the patterns of change in the learning paradigm. An E-Learning system is a form of implementation of learning that utilizes technology

² Luh Devi Herliandry, N. M, *Jurnal Teknologi Pendidikan. Pembelajaran Pada Masa Pandemi Covid-19*,2020, p 66.

³ Ibid, p 66

And is not limited by time and space. Thus the process of learning this can be done either synchronous or asynchronous. However, E-Learning can also be implemented as an alternative to learning. Because of one thing and another, the learners are unable to follow the learning face-to-face. In connection with the last thing, E-Learning serves as an option (choice) for students

Many supporting media learning in E-learning such as Edmodo, WAG (WhatsApp Group), zoom meeting. supported with audio-visual not uncommon in the process of learning teachers often share video explanation of the material in the WAG so that students can listen and summarize the results the material described

Learning statistic research is one of the subjects that should be learned before creating a research paper. Statistics will help the researcher to analyze the numerical data easily. Learning statistic research should be interesting because not all college students like numerical data.

Statistics one of the subjects that are often considered students to be the lesson of the scourge/difficult, because in the concept of students 'understanding the lessons of statistics is just about counting and memorizing formulas then when the count not get answer of the question, felt that it was no other way and the student much away lesson statistics

Statistical research is a collection of data that use numerical form. It is suitable for Drs. Anas Sudijono's statement in his book that

Statistical research is a collection of numerical data that shows information of a Certain situation, statistical research is a branch of science wherein it there are many formula to solve a research problem⁴

Class statistic research was another compulsory subject that must be followed by the students of the sixth semester, in a class of statistics we will learn how to process research data correctly better to use how to calculate manually or with the help of an SPSS, not infrequently also the students put into practice the results of the material directly in class, but in the situation of pandemic current class statistics in the fox into the class of e-learning which uses media WAG to be able to explain the material in each chapter

The same thing that was done by IAIN Madura are also implementing online learning which is the average of the students are students from outside of Madura, which is currently doing a distance learning or learning online, online learning very easy for students to still get the material during the pandemic covid19, that is where the lecturer-class statistical research using e-learning WAG as a tool learning to share the results of the video record learning already summarized in some of the sub-chapter material but learning online have adverse implications for Sstudents as the less optimal

⁴ Anas Sudijono, *Pengantar Statistik Pendidikan* (Jakarta: PT Raja Grafindo Persada, 2014), hal,2.

Way of delivering the material and also the limited time to ask researchers found some cases in-class statistical research done in E-learning this tika as a student IAIN Madura said “ I do not understand the Material that is given the lecturers even though has been described in the form of video and also summarizes the result” many students are less to understand in the explanation of the lecturer because there can be interaction directly as it should so that the response of students is less than the maximum top distance learning as well as the lack of explanation which is less than the maximum on some formula.

Based on the description above the researcher will conduct the different research on type of E-learning that use by English lecture during lecturing process and the perception of students responses when their lecture use E-learning. This study was conducted to find out how to use E-learning in the class of statistic research. So, researchers interested in the study with. The tittle " **The Students' Responses On E-Learning Media Used By English Lecturer to Teach Statistic Research In The Sixth Semester In English Department Of IAIN Madura**".

B. Research Focus

Another term of research focus is called research problem that refers to question raised in a research project which clearly reflects what kind of answer is Research problem also expected to be

Discovered through the process of research defined by Donald Ary that research problem is the first step in the scientific method as the Recognition of a felt difficulty and obstacle or problem that puzzles the researcher⁵.

Based on research context as explained above, researcher can formulate the following problem namely:

1. How does lecturer teach statistical research by use E-learning as media in the six semester of English Department in IAIN Madura?
2. How do students response on the use of E-learning as media in teaching statistic research ?

C. Research Objectives

Research Objectives is a statement of intent used in Qualitative research the specifies goals that the investigator plans to achieve in a study. So, it will be focus on the researcher to doing the research. It means that research objective is to find out the problem solving and to give a short answer to research problem.

Based on the research focus above, the writer can determine the research objective of the study namely:

1. To know the techniques or how did the teacher give the material in the class of statistical research in e-learning

⁵ Donald Ary, *Introduction of Research in Education*, Eighth Edition (Wadsworth: Cengage Learning, 2010), 43

2. To determine the extent to which the response of the students in the learning of statistics research conducted in the form of e-learning

D. Significance of the Research

This step explains about the usefulness or importance of research, both scientific uses and social use. Scientific use is in the development of science, while social use is directed at effort and stages in solving social problems.⁶ In conclusion, it consists of the reason of feasibility of the problem that will be study.⁷

1. For the reader

Researcher hopes this research result of the research will improve the reader in getting knowledge and add the statistic research by use E-learning as media.

2. For students

Researcher hopes this research result will give the contribution to the students sixth semester IAIN Madura and to move motivate the students in order to make the students easy in teaching statistic research use of E-learning as media.

3. For teacher

Researcher hopes this research result will improve the way of teach statistic research by using E-learning as media.

⁶*Pedoman Penulisan Karya Tulis Ilmiah Edisi Revisi, Sekolah Tinggi Agama Islam Negeri (Pamekasan: STAIN PMK Press, 2015), hlm, 18.*

⁷Mohammad AdnaLatief, *Tanya JawabMetodePembelajaranPenelitianBahasa*, (Malang: UM press, 2010) page19.

E. Scope and Limitation of Research

The scope is a limitation which will be explained of the variable on other variables in research, population or research Subject, and research localization, it can also explain variable become sub variable espouse the indicators⁸.

The researcher has the scope of this research focus on lecture teach statistic research and students respond *E-learning* in class statistic research. While the researcher has also a limitation of this research only focus at sixth semester IAIN Madura in class statistic research

F. Definition of Key Term

The researcher tries to avoid the readers misunderstanding of this research. Creswell suggests we are better to begin our research by narrowing our topic to a few key terms using one or two words or short phases.⁹ In this research the are some definitions that are used avoid misunderstanding, they are:

1. *E-Learning* as media is system learning utilizing electronic media as a tool to help the learning activities.¹⁰
2. Students Responses is instant response of gathering student feedback in the classroom

⁸ *Pedoman Karya Tulis Ilmiah Edisi Revisi IAIN Madura*, (Pamekasan: IAIN Madura, September 2020), 19.

⁹ Creswell, 82.

¹⁰ Daryanto. *Media Pembelajaran Peranannya Sangat Penting Dalam Mencapai Tujuan Pembelajaran* (Yogyakarta : Gava Media ,2010).168

3. Statistic Research is knowledge related to numerical data, information or results from these data can be used to conclude or describe a research that is examined.

