

## Workshop on Classroom Action Research and Preparation of Scientific Articles on Research Results in Rupit District North Musi Rawas Regency

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### Abstract

*The preparation of classroom action research or CAR and writing scientific articles on research results is still a problem for teachers in Rupit District, North Musi Rawas Regency, South Sumatra Province. For this reason, it is necessary to hold community service by means of classroom action research workshops and the preparation of scientific articles on research results in Rupit District, South Sumatra Province. The purpose of this community service was to describe the results of classroom action research workshops and the preparation of scientific articles on research results in Rupit District, South Sumatra Province. The method of community service is carried out by workshops in which the techniques of lectures, discussions, assignments, and practices are used. The results of the classroom action research workshop and the preparation of scientific research articles for teachers which were carried out in the YP Asra Noman High School Hall, Rupit District, Musi Rawas Utara Regency went well. This is shown from the workshop activities providing understanding to teachers on the preparation of class action research proposals, preparation of classroom action research reports, and the preparation of scientific articles to 22 teachers from elementary, middle, MTs, and high school teachers in the North Musi Rawas area and there are from Musi Rawas Regency. The success of this workshop is not only supported by the school which provides infrastructure as well as resource persons who use discussion methods and assignments or practices, the use of power point media, as well as providing workshop materials and examples of both CAR proposals, CAR reports, as well as scientific journal articles to the participants.*

**Keywords:** workshops, classroom action research, scientific articles, research results

### 1. INTRODUCTION

Law of the Republic of Indonesia Number 14 of 2015 concerning Teachers and Lecturers and Law of the Republic of Indonesia Number 20 of 2003 concerning the National Education System, state that teachers are professional educators. The law states that teachers have the right to earn income above the minimum living needs and social welfare insurance, including basic salary, allowances attached to salaries, as well as other income in the form of professional allowances, functional allowances, special allowances, and additional benefits related to their duties. as a teacher who is determined by the principle of appreciation on the basis of achievement.

However, to obtain this must be followed by an increase and commitment to work professionally. Teachers who are learning agents are not only related to students, the classroom

environment, and learning materials, but also need to improve the quality of learning itself (Noermanzah, 2015). One way to improve the quality of learning can be done through classroom action research (Trianto, 2012; Sanjaya, 2011; Muslich, 2009; Arikunto, 2009; Amrolani et al., 2014).

Class action research or better known as CAR according to Akbar (2009) is a series of controlled investigative processes with the aim of finding and solving problems in classroom learning, this process is carried out cyclically with the hope of improving the quality of learning and learning outcomes in certain classes. The same thing was explained by Arikunto et al. (2009) the nature and characteristics of CAR, namely the existence of certain actions (actions) to improve the teaching and learning process in the classroom. Then, it was also stated by Muslich (2009:13) that the characteristic of CAR is the teacher's effort to improve learning practices to be more effective. From this understanding, CAR is actually a routine job done by teachers to improve the quality of learning. For this reason, it is important for teachers to understand the implementation and reporting of CAR as part of a research process.

Based on observations and interviews that have been conducted with several teachers at the elementary, junior high, and high school levels, especially in the Rupit District, Musi Rawas Utara Regency, there are still some obstacles in conducting research using classroom action research. These obstacles, among others, teachers do not know and understand about classroom action research (CAR), resulting in a lack of motivation to conduct research, especially using classroom action research. In addition, teachers still find it difficult to prepare proposals for classroom action research (CAR), especially in stating the background of the problem.

The results of the CAR report writing should also be published in regional, national, and international scientific journals. It is intended that the results of the teacher's research can be a means of conveying ideas and thoughts to the public so that they can be widely used and become reference papers that will break the chain of plagiarism activities (Wibowo, 2006). In addition, both CAR reports and publications in scientific journals can be used for promotion of a teacher. Although there are still many high school level teachers who still have difficulty in expressing the urgency of doing CAR and expressing the novelty of CAR in the discussion section (Wardhana et al., 2020).

Problems that will be answered and explained by community service activities in the form of classroom action research workshops and the preparation of scientific research articles, including:

- 1) What is the understanding of the teachers in Rupit District regarding the preparation of a Class Action Research (CAR) proposal after the workshop?

- 2) What is the understanding of the teachers in Rupit District regarding the preparation of classroom action research (CAR) reports after the workshop?
- 3) What is the understanding of the teachers in Rupit District regarding the preparation of scientific research articles after the workshop?

Some of the objectives of classroom action research workshops and the preparation of scientific research articles are to provide understanding and skills of the following:

- 1) Provide understanding to teachers in Rupit District about the preparation of classroom action research proposals (CAR).
- 2) Provide understanding to teachers in Rupit District regarding the preparation of classroom action research reports (CAR).
- 3) Provide understanding to teachers in Rupit District about the preparation of scientific research articles.

With the workshop on the preparation of classroom action research and scientific articles on research results, it is hoped that teachers will be able to improve their professionalism in teaching, develop scientific writing skills, and solve student problems scientifically. Then, it is hoped that teachers can be more innovative in developing learning activities so that they are able to deliver students to pass school and national exams with good criteria and be able to equip students with skills that can be used in social life, especially in meeting economic needs.

## **2. METHODS**

The approach used in the classroom action research workshop and the preparation of scientific research articles for teachers in the Rupit District, Musi Rawas Utara Regency, is a workshop. Meanwhile, the methods used in the classroom action research workshops and the preparation of scientific research articles for teachers include: lectures, discussions, assignments, and the practice of compiling CAR proposals and scientific research articles.

This workshop was held in the YP Asra Noman High School Hall. The workshop was held for two days, namely on Wednesday and Thursday, 15 until April 16, 2018. Resource persons in the Classroom Action Research Workshop and Scientific Journal Article Preparation for Teachers in Rupit District, Musi Rawas Utara Regency, namely: Dr. Noermanzah, M.Pd. who works as a lecturer in the Indonesian Language Education Masters Study Program, FKIP Bengkulu University.

To measure the achievement of the workshop used an understanding questionnaire instrument on the preparation of CAR and scientific articles from CAR. In addition, it is based on the assessment of the CAR Report and scientific articles prepared by the participants.

The participants of the classroom action research workshop and the preparation of scientific research articles for teachers in Rupit District, Musi Rawas Utara Regency were 22 people. The participants came from elementary, middle, MTs, and high school teachers in the North Musi Rawas area and some from Musi Rawas Regency. Funding for this activity was fully borne by the workshop committee whose funds came from participants, namely elementary, middle, MTs, and high school teachers in the North Musi Rawas and Musi Rawas Districts.

### **3. RESULTS AND DISCUSSION**

Classroom action research workshops and the preparation of scientific research articles for teachers were held in the YP Asra Noman High School Hall, Rupit District, Musi Rawas Utara Regency from Wednesday to Wednesday. Thursday 15 to 16 April 2018. This workshop was attended by 22 participants from elementary, junior high, MTs, and high school teachers not only in the Rupit sub-district, but in other sub-districts in the North Musi Rawas area and some from Musi Rawas Regency. This workshop activity was started from the opening on Wednesday, April 15 2018 at 07.30 until 08.30 WIB and closed on Thursday, April 16 2018 at 20.00 until 20.30 WIB. The length of time seen from the number of hours of Class Action Research workshops and the Preparation of Scientific Journal Articles for teachers in the YP Asra Noman High School Hall, Rupit District, amounted to 24 hours.

From the classroom action research workshops and the preparation of scientific articles, the results of this research resulted in some understanding for teachers, especially in preparing class action research proposals, classroom action research reports, and accredited scientific journal articles. The following is an explanation of the results of the workshop activities obtained by elementary, junior high, MTs, and high school teachers in the North Musi Rawas area and some from Musi Rawas Regency.

#### **a. Preparation of Classroom Action Research Proposal**

The material on the Preparation of Classroom Action Research Proposals (CAR) was held on the first day, namely Wednesday, April 15, 2018 from 08.00 until 20.00 WIB. The material presented by Dr. Noermanzah, M.Pd. on CAR Concepts and Objectives, Types and Designs of CAR Systematics for CAR Writing, CAR Methodology, and Practices for Compiling CAR Proposals.

The workshop activities on the first day were given with the method of discussion and assignment. In addition, the speakers used power point media in delivering the material. From the results of the discussion, it can be seen that the teachers have begun to understand the concept of

CAR, especially regarding the Preparation of CAR Proposals. In addition, after carrying out the practice by giving the task of compiling a CAR proposal, the teachers became more aware of how to compile a CAR Proposal starting from compiling a research title, compiling an Introduction Chapter, compiling a Theoretical Foundation Chapter, to compiling a CAR Methodology Chapter (Arikunto, 2009; Akbar, 2009). 2009). A fairly good understanding was received by the teachers also because the teachers had obtained the initial understanding they received in college and from training held by the education office or related agencies.

The workshop activities on the first day, there were shortcomings, including: there were still teachers who had not focused on listening to the material presented and did not have supporting facilities such as laptops or notebooks so that in the practical activity of preparing CAR Proposals there were still some teachers who had difficulties in compiling them. However, with guidance from resource persons, teachers who have not been able to develop a classroom action research proposal can be overcome.

#### **b. Classroom Action Research Report Preparation**

The material on the Preparation of Classroom Action Research Reports (CAR) was held on the second day, Thursday, April 16, 2018 from 08.00 until 10.00 WIB with resource person Dr. Noermanzah, M.Pd. The method presented by the resource person is in the form of a discussion that begins with the delivery of material through power point media.

Given the limited time, the resource persons did not give the participants time to practice compiling the CAR report, but the teachers were only asked to ask questions about the CAR that had been prepared by the teachers. From some of the questions asked by the teachers, it was quite difficult to analyze the test and observation data and put them in Chapter IV Research Results and Discussion. For this reason, the resource persons focused more on discussion activities and provided explanations regarding the analysis of test and observation data and put them in the form of research results and discussions. Data analysis of test results is explained in detail using simple statistical analysis, analysis of observational data is explained using interpretation results as required in CAR (Sanjaya, 2011). With the explanation given, it is hoped that the teacher will better understand the process in compiling the CAR report.

The resource persons had some difficulties in explaining the material for the preparation of the CAR Report, especially for some teachers who had never prepared a CAR Report. However, the resource person took the initiative for the teacher to provide several examples of CAR reports in the form of files and if there were still difficulties, they were allowed to consult outside of the workshop activities.

### **c. Preparation of Scientific Journal Articles Research Results**

The material on the Preparation of Scientific Articles of Research Results was held on the second day, Thursday, April 16, 2018 from 10.00 until 20.00 WIB at the YP Asra Noman High School Hall, Rupit District. The resource person in delivering the material uses the lecture, discussion, assignment, and practice methods. Then, in delivering the material, the resource person also uses power point media so that the teachers are expected to be able to understand the material optimally.

Materials on the Preparation of Scientific Articles of Research Results start from the Concept and Types of Scientific Journal Articles, Systematics and Format of Scientific Journal Articles, and Criteria for Accredited Journal Articles. Then, it was continued with the Practice of Scientific Article Writing, which was supervised directly by Dr. Noermanzah, M.Pd.

From several sub-materials from the Preparation of Scientific Articles, the teachers have difficulty in converting the CAR Report into Scientific Articles, both from changing Chapter I Introduction, Chapter II, Theoretical Foundations, Chapter III Research Methodology, Chapter IV Research Results and Discussion, and Chapter V Conclusions and Suggestion. For this reason, the resource persons provided several examples of CAR research reports and examples of changing the report into Scientific Articles so that teachers have an idea that how to present scientific articles is more concise, about 10 to 10. 15 pages compared to the CAR Report which is quite long, around 60 to d. 200 pages (Susetyo et al., 2020). Specifically, in writing scientific articles, teachers are given an understanding of 1) making interesting titles, making abstracts with the IMRAD pattern; 2) make an introduction containing the novelty and urgency of doing CAR; 3) presentation of research methods that at least explain research methods and design, population and samples, data collection techniques, research instruments, data analysis techniques, and research data wetness tests; 4) presentation of research results in the form of data descriptions, tables, and pictures; 5) the presentation of the discussion that must compare the research results with relevant research so that there is a novelty of research results; 6) presentation of research conclusions that answer the formulation of the problem according to the results of research and discussion; and 7) an explanation for writing a bibliography according to the format expected by the journal, starting from the APA, MLA, Harvard, Vancouver, Chicago, and IEEE formats (Wardhana et al., 2020; Suryoputro, 2012; Safnil, 2014; Adnan & Zifirdaus, 2005).

Then, the teacher's understanding got better when asked to compile scientific articles from the CAR reports distributed by the resource persons. Although there are some teachers who still have difficulty in converting the results of research and discussion from those in the form of a

CAR report to the results of research and discussion in the form of scientific articles. However, this was tricked by the resource persons to continue learning outside of the workshop activities and to be allowed to consult with the resource persons.

#### 4. CONCLUSION

Workshop activities classroom action research and the preparation of scientific research articles for teachers were held in the YP Asra Noman High School Hall, Rupit District, Musi Rawas Utara Regency from Wednesday to Friday. Thursday 15 to 16 April 2018 went well. This is shown from the workshop activities providing an understanding of the preparation of classroom action research proposals (CAR), the preparation of class action research reports, and the preparation of scientific articles on research results to 22 teachers from elementary, middle, MTs, and high school teachers in the Musi Rawas area. North and some are from Musi Rawas Regency. The success of this workshop is not only supported by schools that provide infrastructure, but also resource persons who use discussion methods and assignments or practices, use power point media, and provide workshop materials and examples of both CAR proposals, CAR reports, and scientific articles on research results. to the participants.

Some suggestions from classroom action research workshops and the preparation of scientific research articles for teachers held in the YP Asra Noman High School Hall, Rupit District, include:

- a. It is better for the workshop to inform the students to bring the workshop equipment, such as a laptop or supporting notebook.
- b. It is better if the workshop activities are carried out regularly, for example once every six months and followed by assistance by a team of experts in their fields so that the program to be achieved can be carried out properly according to targets and targets.
- c. School management, especially to school principals, should direct teachers to the importance of training activities or other activities in improving teacher professionalism so that schools can achieve their vision and mission.
- d. Workshop participants should be disciplined in attending workshops on each material because all materials are interrelated. If you do not follow just one material, you will experience misunderstandings in the next or previous material.

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