Training of Basic Skills of Writing Scientific Using Mendeley Software and Pharaprase Techniques

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ABSTRACT

Community Service is a form of response from a lecturer to Contribute to Improving the quality of the community. Community services be wrong one obligation a lecturer that Stated of deep Tri Dharma College Tall. Lecturer Required can Increase quality self and customize with development science knowledge. Activities community services be container Distribution science knowledge. Lecturer transfers knowledge that is Owned through Activities that are Compiled automatically methodical. Harapanya with the existence of Activities that are already Structured with good Expected transfer of science knowledge get executed automatically optimally. Community services that already Implemented be enter Into Devotion regkognisi. Community services this Implemented at the University Halu Oleo, STIE Pertiwi, and STIAB Lampung which already have Collaborate with Faculty Economics State University of Jakarta. Community services that Themed regkognisi be wrong one proof that there is Follow further from collaborated that already Done. As for the Activities that are Done be given Training Form Skills Use software mandelay and Engineering phrase with method Talk, practice and ask and answer. The aforementioned training Expected will be able to Increase the quality or ability of lecturer deep write scientific work.

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INTRODUCTION

Jatmika (2017) in kompas.com in a year Indonesia was only able to produce 6,260 researches. While Malaysia was able to make 25,000 researches, Singapore 18,000 research, and Thailand 12,000–13,000 research. There are several reasons underlying the lack of publication of lecturers' scientific work in Indonesia. Lecturers are less encouraged and supported to be motivated in making scientific work. There should be various trainings and journal access facilities as a form of strategy to improve the competence of lecturers in the implementation of scientific articles (Rohmah & Huda, 2016) The work environment also affects the performance of lecturers assessed through the activities of tridharma universities (Pramudyo, 2010).

In the scope of ASEAN Indonesia is currently ranked 1st in terms of the number of lecturers and researchers making international publications with 31 thousand publications per year. However unlike Malaysia's 70% of articles, we have only 40% of that number of articles, the rest are proceedings. So the quality is still inferior (A. hari Mukti, 2019) Unfulfillment of research performance burden will have an effect on increasing the level of lecturer rank. According to the Minister of Research and Technology (Menristek) and Head of the National Research and Innovation Agency (BRIN) Bambang Brodjonegoro revealed the publication of Indonesian research among Asean countries was second in 2016 - 2020 with a total of about 46 thousand more publications produced. The details are 23,607 publications in the form of journal articles, 22,906 publications derived from conference papers in 2020 have experienced a significant increase in publications.

In accordance with Permenristekdikti No. 20 of 2017, a scientist should develop science and technology, and disseminate it to the public. Unfortunately, out of the 5,366 professors in Indonesia, there are still about 3,800 people who have not published an international scientific journal and That is, there are only about 1,500 people who have fulfilled their obligations as professors (Novia Intan, 2019). Indonesia's weakness is the habit of writing it is still lacking . The highest habit of writing it was Malaysia and Singapore. It is a pity because there are still some professors who are reluctant to write scientific works for various reasons, such as the use of English as well as journals of scientific publications that must be indexed Scopus (A. G. Mukti, 2018).

The Community Service Team held initial discussions with several lecturers from several universities that have cooperation with the Faculty of Economics, State University of Jakarta. The Community Service Team offers programs to several universities such as Halu Oleo University, STIE Pertiwi, and STIAB Lampung . The lecturers explained their desire to get training skills using the application related to research. The lecturers also realize that the use of software in order to improve the quality of articles is still rarely used. Article writing using Ms. Office can be combined with other software such as Mendeley or gremmerly. E-training flyer as can see in Figure 1.

Figure 1.
E-training flyer.

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The features in Ms. Office vary widely. There are still many things that need to be explored for the ability to use software in collaboration with Ms. Office is very useful for the writing of scientific works both for the lecturers themselves and for the transfer of knowledge to students.

Based on the analysis of the situation described above, there are partner problems in this PPM activity, among others:

1. Lack of skills of lecturers in using applications that support research;
2. Lack of knowledge of lecturers in overcoming plagiarism at the time of writing articles or scientific works;
3. Still the lack of lecturers doing publications, especially publications in international journals

The expected achievement targets in this activity are:

1. Partner capabilities increase in terms of *Mendeley software* application
2. Partner capabilities increase in terms of finding quality library resources (scientific articles)
3. Partner's ability to gain knowledge of Pharaprase Technique

This community services activity is themed research bootcamp. This Research Boothcamp activity is a devotional activity intended for lecturers from State Universities or Private Universities who have co-operation with FE UNJ in the form of training:

1. *Referencing Manager Software* dengan Mendeley
2. Technical Pharaprase

The lack of expertise of lecturers in applying the software *manager referral* application can be overcome by the software *manager referral* training solution through the Mendeley application. Mendeley appeared in 2008 and featured a combination of desktop and website applications (Yamakawa et al., 2014) Kebayakan literatura mambahas Mendeley usability in the context of citation management software (MacMillan, 2012). Mendeley application is very helpful for lecturers to do citations so that no citation source is leftbehind. Mendeley application can also be used by lecturers to collect references in one folder.

Mendeley's app can also be used to search for needed articles. Mendeley's application can also be used to *highlight* words or sentences that make it easy to know where the sentence will be positioned. And mendeley application still many features that can be used for the purposes of making it easier to write scientific works. Mendeley's enticement to participate is its citation management tolos (Reiswig, 2010).

Each journal has terms and conditions for the similarity of an article or the plagiarization rate of an article. One of the challenges in writing an article is the lack of plagiarism levels in an article. This plagiarism is considered important because it belongs to the unlawful act and academically it belongs to an unappreciativeact. From this of course pharaprase technique is considered very important in order to avoid the action of plagiarism. Paraphrasing is a sentence or phrase that conveys the same mean-

ing by using different words (Bhagat & Hovy, 2013).

Paraphrasing plays an important role in the diversity and complexity of a sentence (Shinyama et al., 2002) Pharaprase technique is one of the ways that can be used in the writing of scientific articles. So the pharaprase technique is able to lower the percentage of plagiarism figures. Pharaprase technique is able to increase the number of vocabulary owned (Pratama & Zahra, 2020) This technique is also able to present new sentences without compromising the essence or important points in the citation that we will use in the writing of scientific works. Parafrase sentence level is a phenomenon that is different from and more difficult than paraphrasing the level of a word or phrase (Barzilay &Lee, 2003).(Barzilay & Lee, 2003).

METHOD

Training activities will be conducted by classical methods with a lecture approach (material exposure), practice, and discussion with the intention that the material can be received by participants well. The target of the participants was a number of lecturers from state universities and swata universities who have cooperation with the Faculty of Economics, State University of Jakarta. In determining the participants, we first identify campuses that have cooperation with developing conditions. Then we establish communication with related parties such as the deputy dean or head of the Institute for Research and Community Service. At the communication stage, we seek information related to the problems often faced by lecturers related to the Tri dharma of higher education. Types of activitiesvitas that will be carried out in this series of PPM activities include:

1. ldentification and determination of participant targets
2. ldentification of needs
3. Trainingfacilities
4. Evaluation of activities.

This activity was organized by the team of advocates because of the lack of skills oflecturers related to research support applications and lack of qualified references in scientific articles and research. The following responsibilities and participation of lecturers in the service program: Aditya Pratama, S.Pd., M.Pd as Implementer and speaker delivered basic research ability material (Mendeley application) while Dr. Christian Wiradendi Wolor, SE, MM Implementer and speaker who delivered material on paraphrase Techniques.

The implementation plan of the activity consists of several activities. The initial activity is the registration of participants. In the registration activity mechanism is to contact the campus that has become a partner by offering several programs in the form of training activities. For lecturers who are interested in attending the training will be allowed to fill out the link form that has been created.

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The core activity is the implementation of the activity "Training Basic Skills of Scientific Writing Using Mendeley Software And Pharaprase Techniques". In this core activity consists of the opening ceremony contains speeches from representatives from the campus who are partners in the implementation of this activity. Furthermore, this core event contains material and practical exposure by the resource person as well as a question and answer session. And in the last session is the closing ceremony with prayer readings. In the core event the method used is more emphasized on the practice method. Partners are required to bring their own *laptops* so as to facilitate the training process of various basic research support applications.

The final activity is the distribution of certificates. For participants who have registered, attend the event "Training Basic Skills Writing Scientific Works Using Mendeley Software And Pharaprase Techniques", and have filled out the presence list presensi will obtain a certificate from the committee.

RESULT AND DISCUSSION

This section describes the steps in implementing the solutions offered to solve partner problems. Description of the activities of the review team and obligations in this devotional program, the participation of partners in the activities. This implementation is carried out onlie considering that in the third week of March 2020 community activities are limited and the implementation of work from home (WFH) due to the COVID-19 virus outbreak. This does not allow such activities to be done face-to-face.

The target partners of this community service implementation activities are lecturers in the territory of Indonesia. Participants who attended the Basic Skills Training activity of this research amounted to 236 lecturers and students. The number of participants who took part in the event came from Halu Oleo University, STIE Pertiwi, and STIAB Lampung who felt they had not optimized the use of technology or software assistance in improving the quality of scientific articles. The distribution of information is through e-flyers distributed to each campus that has cooperation with FE UNJ. This activity was held on Friday, June 18, 2021 which was conducted online using zoom application starting from 08.00 – Finish WIB. Preparation for Training Implementation as can see in Figure 2.

The course of Research Boothcamp activity began with a speech from STIAB jinarakkhita for a speech from Mr. Taridi, S.Ag., M.Pd., M.Pd.B. (Vice Chairman I of Academic Affairs) and the next speech from STIE PERTIWI delivered by Rustomo, SE, MM. Head of LPPM STIE PERTIWI. After the word sambuatan has been given continued with the exposure of material from the source, and the last session is a discussion of the material described. Mr. Taridi—STIAB Welcome as can see in Figure 3. Greetigs from Mr. Rustomo LPPM STIE Pertiwi as can see in Figure 4.

Software manager referral material using Mendeley system was presented by Mr. Aditya Pratama, S.Pd., M.Pd. This aims to help partners in signaling good quality to support partner research writing.

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Figure 2.
Preparation for Training Implementation.

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Figure 3.
Mr. Taridi—STIAB Welcome.

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Figure 4.
Greetigs from Mr. Rustomo LPPM STIE Pertiwi.

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Mr. Aditya Pratama,S.Pd., M.Pd also uses método direct interaction with participants in practicing mendeley application. Mendeley material as can see in Figure 5.
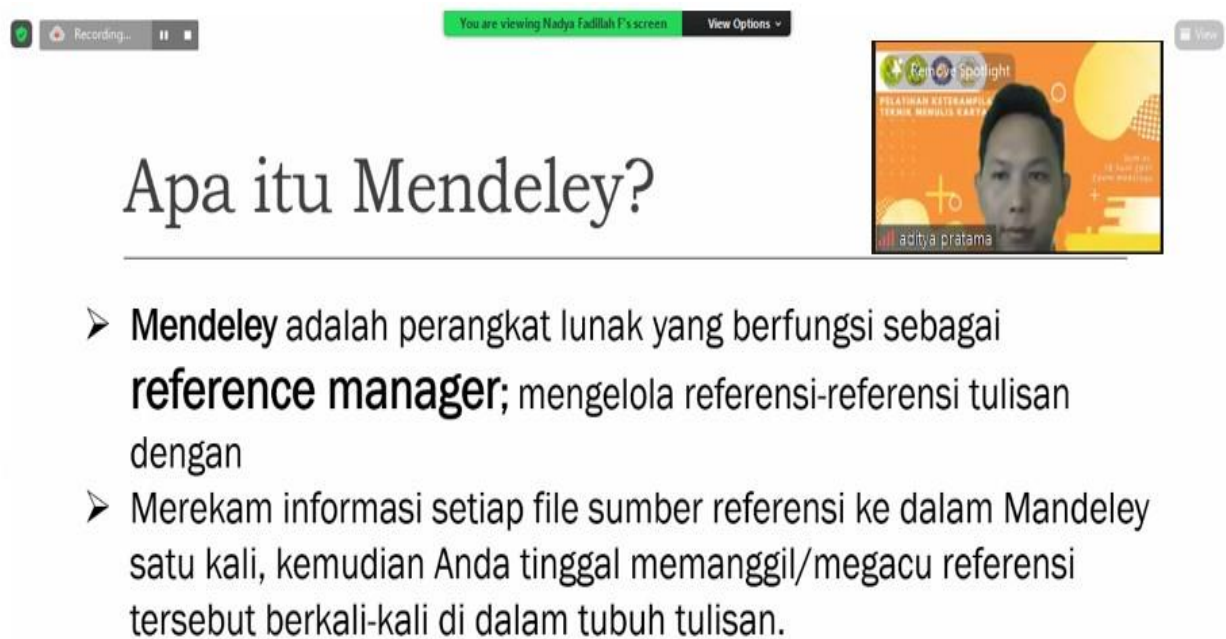

Figure 5.
Mendelay Material

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Furthermore, the material was presented by Dr. Christian Wiradendi Wolor, SE., MM to explain about Pharaprase Technique. It aims to assist partners in writing articles in English and to lower the level of similarity or plagiarism of partner writing articles. Finally, continued the question and answer discussion between partners and resource persons about the material that has been described. Pharaprase Material as can see in Figure 6.

Figure 6.
Pharaprase Material.

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Overall, the partners of this activity are satisfied with this training. It is seen from the aspects of material importance, material benefits, clarity of material exposure, as well as satisfaction with the implementation of training. This is known based on surveys conducted after the event. The results of the evaluation of activities can be seen in the survey results below.
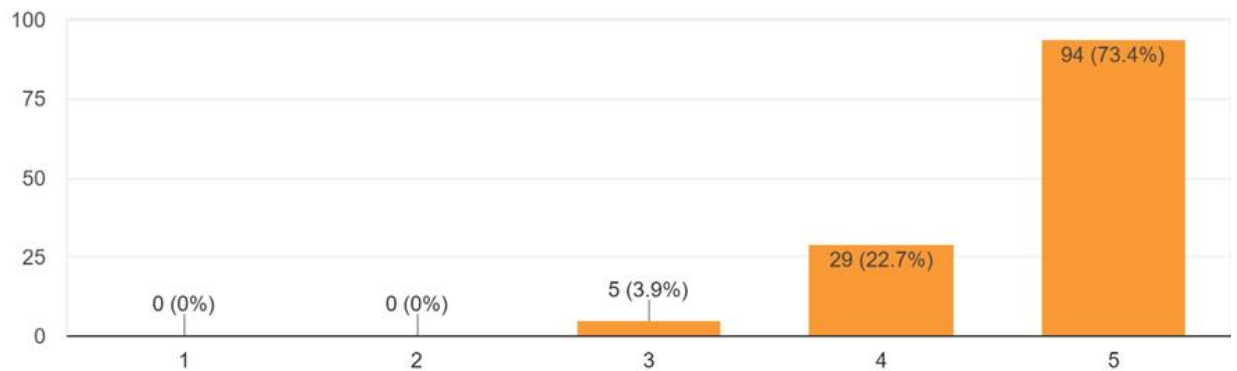
Figure 7.
Use of Materials.

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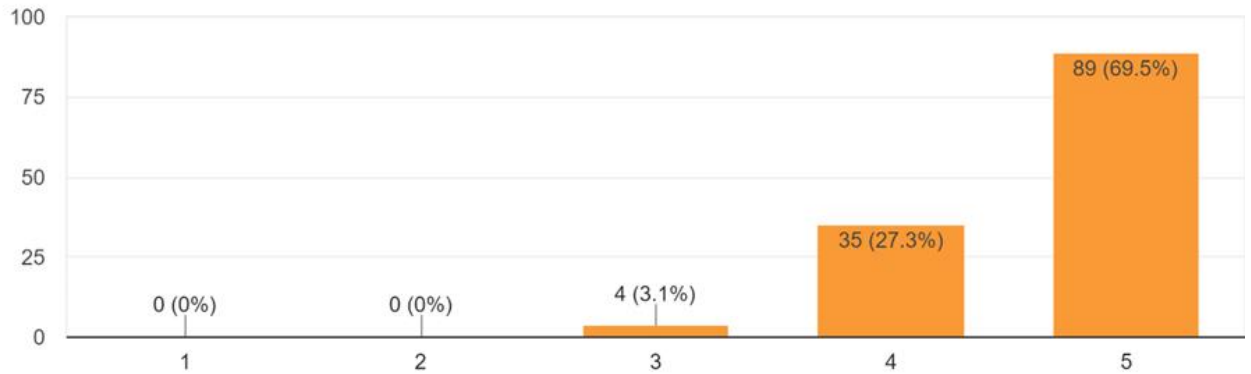
Figure 8.
Language Usage.
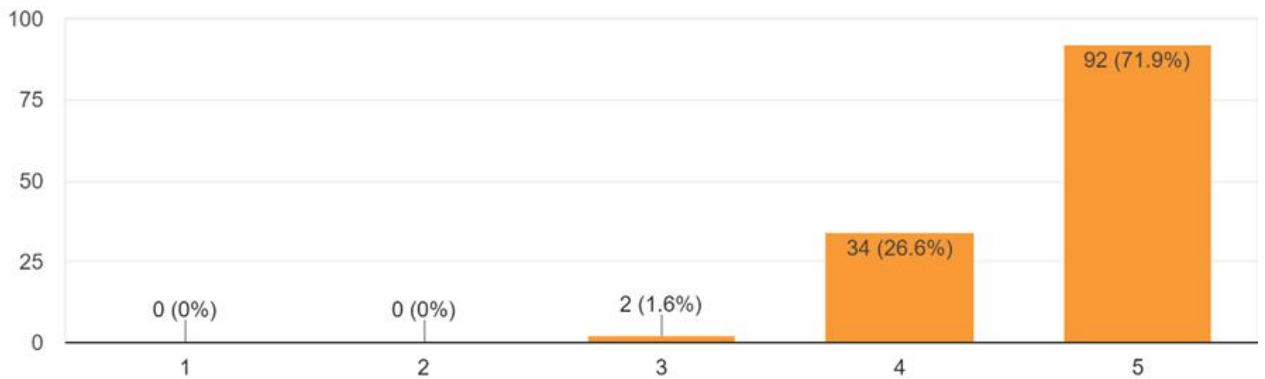
Figure 9.
Easy to Understand Material.

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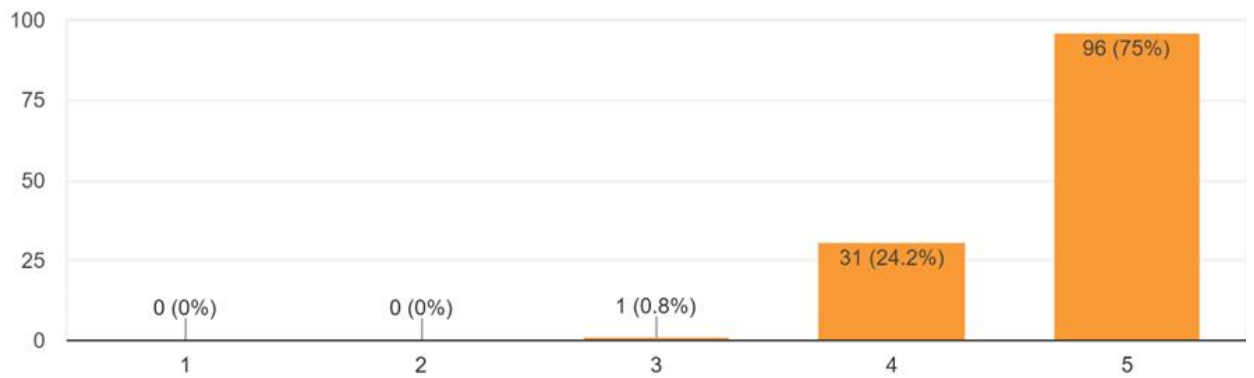DOI: doi.org/10.21009/JPMM.006.1.04

Figure 10.
Improved Knowledge and Skills of Participants.

At the end of the event the service team handed over material digitally in the form of google drive links and YouTube videos to participants for audience learning materials in the future. This material is expected to be useful for partners in starting research.

The end of the main series of community service activities is the closing activities. The closing activity was conducted at around 11.30 am led by Aya. In closing he delivered a related flashback about training activities or community service and thanked him for the participation of partners.

CONCLUSION

The implementation of this activity took place smoothly through online workshops. Participants are lecturers from all over Indonesia who know this event through the distribution of information from e-flyers on social media. Community Service Implementation in the form of Basic Skills Training Activities Writing Scientific Works Using Mendeley Software And Pharaprase Techniques is very useful for all partners, namely lecturers. Of the 128 participants who have filled out the survey, 96(75%) were very satisfied, 31 (24.2%) were satisfied, 1 (0.8%) was sufficient and after participating in this event they experienced an increase in knowledge and skills. With the training activities carried out by this devotional team can improve the basic capabilities of partners in making research. The implementation of good research will be an advantage for lecturers to improve publications and help lecturers improve career levels.

SUGGESTION

After this training activity, it is necessary to practice and implement continuously so as to help lecturers get used to making good research. Topics - training topics related to the basis of further research can also be developed again so that the benefits of community service activities can be felt continuously by the participants of the activity.

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