

Training and Assistance in Publication of Scientific Articles of Research Results for Improving Teacher Professional Competence in Boalemo Regency

Pelatihan dan Pendampingan Publikasi Artikel Ilmiah Hasil Penelitian Untuk Peningkatan Kompetensi Profesionalisme Guru di Kabupaten Boalemo

Frida Maryati Yusuf, Herinda Mardin^{*}, & Masra Latjompoh

*Biology Department, Faculty of Mathematics and Natural Science, Universitas Negeri Gorontalo, Jl Prof.Dr.Ing.B.J.Habibie, Kabupaten Bone
Bolango, Indonesia*

Abstract

Writing and publishing scientific articles is a must in increasing professional competence for teachers. Various efforts have been made so that teachers have the ability to write and publish scientific articles resulting from research that has been carried out. One of the efforts is by training and assisting the publication of scientific research articles for teachers. The training and assistance for the publication of scientific articles resulting from research for teachers was carried out at Madrasah Tsanawiyah Negeri 2 Boalemo, Gorontalo Province. The method used in this activity is the Participant Active Learning method (Participants actively participate in conducting training and mentoring during the activity) and the training, mentoring and technical guidance approach (BIMTEK). Training and assistance in publishing scientific articles for teachers in Madrasah Tsanawiyah Negeri 2 Boalemo, Boalemo Regency, Gorontalo Province, is able to increase insight and knowledge as well as teacher professionalism competence in publishing scientific articles with direct learning and practical experience. This of course has a very positive impact on the progress of education and the improvement of teacher professional competence.

Abstrak

Menulis dan mempublikasikan artikel ilmiah merupakan suatu keharusan dalam meningkatkan kompetensi profesionalisme bagi guru. Beragam upaya yang dilakukan agar guru memiliki kemampuan dalam menulis dan publikasi artikel ilmiah hasil penelitian yang telah dilaksanakan. Salah satu upaya dengan pelatihan dan pendampingan publikasi artikel ilmiah hasil penelitian bagi guru-guru. Pelatihan dan pendampingan publikasi artikel ilmiah hasil penelitian bagi guru-guru ini dilaksanakan di Madrasah Tsanawiyah Negeri 2 Boalemo Provinsi Gorontalo. Metode yang dilakukan dalam kegiatan ini adalah metode *Participant Active Learning* (Peserta berpartisipasi aktif dalam melakukan pelatihan dan pendampingan selama kegiatan berlangsung) dan pendekatan pelatihan, pendampingan serta bimbingan teknis (BIMTEK). Pelatihan dan pendampingan publikasi artikel ilmiah bagi guru-guru di lingkungan Madrasah Tsanawiyah Negeri 2 Boalemo Kabupaten Boalemo, Provinsi Gorontalo mampu meningkatkan wawasan dan pengetahuan serta kompetensi profesionalisme guru dalam melakukan publikasi artikel ilmiah dengan pengalaman belajar dan praktek langsung. Hal ini tentu saja berdampak sangat positif bagi kemajuan pendidikan dan peningkatan kompetensi profesionalisme guru.

Keywords: Accompaniment; Scientific Publications; Training

1. Introduction

Teacher competence includes 4 (four) aspects, namely pedagogic competence, professional competence, social competence and personality competence. A teacher is required to always make efforts to improve his competence as a

^{*} Corresponding author: herindamardin@ung.ac.id

teacher. At this time teachers are required to be more professional, reliable and competent so that writing and publishing research articles is very reasonable in order to increase professional competence and develop their profession as a teacher. Scientific publications of course depart from research and conduct literature studies. Teachers can conduct research in class through classroom action research (CAR). PTK is an appropriate form of research because the teacher acts as a researcher as well as implementing the course of learning (Hunaepi et al., 2016). In addition, teachers can conduct research related to their scientific fields as well as related to learning models, approaches, strategies and methods used in learning. Many things can be the object of research for a teacher.

Scientific publication is an attempt to disseminate a work of thought or idea of a person or group of people in the form of scientific reviews and research reports, both simple ones such as Classroom Action Research (PTK) or more complex research, papers, books or articles. Oemar Hamalik (2003) states that teachers are obliged to build scientific traditions and culture. The teacher acts as a scientist, not only transferring the knowledge he has to students, but the teacher must also carry out the development of his knowledge continuously.

In conducting scientific publications, a teacher of course faces several obstacles. The obstacles faced by teachers in carrying out scientific publication activities are: 1) limited time; 2) low teacher motivation; 3) lack of understanding of the procedures and flow of scientific publications; and 4) limitations in developing ideas for writing scientific papers (Risminawati, 2017). It is difficult to divide time in carrying out daily routines, namely teaching (Krismanto, 2018).

The importance of scientific publications for teachers (Hasan, 2021; Rahyasih et al., 2020) in supporting teacher activities because by carrying out scientific publication activities a teacher is able to increase his scientific insights and update the latest information and scientific developments. A teacher is also able to develop creativity and be innovative in applying models, strategies, methods and learning media according to the demands of the times. In addition, by conducting scientific publications, teachers are also able to update their insights in terms of researching and writing as well as sharing ideas related to research results and various learning developments that have been carried out while being a teacher (Krismanto, 2016). In addition, through scientific publications, teachers can raise their rank, which has been a problem due to the lack of scientific publications (Sutanta et al., 2021; Haerazi et al., 2020).

Teachers must have skills in writing before doing scientific publications. The importance of writing scientific paper skills cannot be separated from scientific publication activities (Sumarni et al., 2020). Training and mentoring activities in compiling scientific papers are urgently needed by teachers (ZR et al., 2020). In compiling scientific papers, you really need a computer device that makes it easy to write as well as reference applications/software in writing and scientific publications (Hafid et al., 2018; Dwiningasih et al., 2019). One application for compiling references that makes it easy to write scientific papers is Mendeley (Mardin et al., 2020; Mardin, H., & Nane, L., 2021). After writing scientific papers, they will be published in both national and international journals. For this reason, through training and mentoring activities for the publication of scientific articles, it is hoped that it will be able to increase teacher insight and motivation in carrying out scientific publications.

2. Methods

The method used in this activity is the Participant Active Learning method (Participants actively participate in conducting training and mentoring during the activity) (Fakhriyah et al., 2018) and the training, mentoring and technical assistance approach (BIMTEK) (Junaid et al., 2020). This activity was carried out on July 9 2021 at the Madrasah Tsanawiyah Negeri 2 Boalemo, Gorontalo Regency, Gorontalo Province. Participants who took part in this activity totaled 27 people who were teachers and educators in the Madrasah Tsanawiyah Negeri 2 Boalemo, Gorontalo Regency. During the process of training and mentoring scientific publications for teachers, the method used was the technical guidance method (BIMTEK) lectures, questions and answers and discussions. The training is carried out for 1 (one) day and the assistance is continued for 1 (one) month after giving the material during the training.

The stages in the process of implementing training activities and assisting the publication of scientific research articles for teachers are 1) the preparatory stage which begins with preparing tools and materials for participants; 2) providing material (technical guidance) to participants using the lecture method; 3) after giving the material, it is continued with a question and answer session regarding the material explained by the resource person; 4) providing assistance for 1 (one) month to the participants through the whatsapp application with the question and answer method and discussion related to the method and flow of scientific publications.

3. Result and Discussion

Training and mentoring for the publication of scientific research articles for teachers began with the opening activity which was opened solemnly by the Head of the Ministry of Religion of Boalemo Regency. The activities of opening training activities and assisting the publication of scientific research articles for teachers can be seen in Figure 1 as follows.



Figure 1. Opening Activities

After the opening activity, it is continued with the provision of material (Technical Guidance) related to the general description, method and flow of scientific article publication in national journals. The material presented by the resource persons used language that was easily understood by the training participants and guided as well as direct practice/simulation on how to publish scientific articles in national journals. Technical guidance activities for providing material by resource persons to training participants can be seen in Figure 2 as follows.



Figure 2. Activities for Providing Scientific Publication Materials and Guidance for Teachers.

In the process of technical guidance in providing material and the practice of publishing scientific articles in national journals, the participants were very enthusiastic about listening and listening to the flow of scientific publications. After the resource person gave an explanation regarding scientific publication material, the participants were given the opportunity to ask questions in the question and answer session. Questions from participants were answered by resource persons and mentoring activities will continue for 1 (one) month starting from the delivery of training materials.

During the mentoring process, discussion groups and questions and answers were created via the WhatsApp application. Participants are also assisted in publishing scientific articles (Submit Articles) in national journals. The results of observations during the process of training activities and mentoring the publication of scientific articles on research results for teachers are: 1) The training participants were very enthusiastic about listening to explanations regarding the

general description of scientific article publications; 2) The participants were very enthusiastic in listening to an explanation regarding the procedure for publishing scientific articles; 3) The participants actively participate when given the opportunity in the question and answer session to ask the speakers; 4) The participants are active in the discussion group following the process of mentoring the publication of scientific articles.

Training and mentoring for the publication of scientific articles for teachers at Madrasah Tsanawiyah Negeri 2 Boalemo, Boalemo Regency, Gorontalo Province was able to increase the insight and knowledge as well as the professional competence of teachers in publishing scientific articles with direct learning and practical experience. This of course has a very positive impact on the progress of education and increasing teacher competence. scientific publication training and mentoring activities make teachers more professional and increase teacher knowledge regarding scientific publications (Benardi et al., 2019; Junaid et al., 2020). In addition, the development of teacher professionalism can be carried out through various efforts, one of which is by participating in training activities and mentoring scientific writing and publication (Noorjannah, 2014).

4. Conclusion

Based on the results of the training and mentoring activities for the publication of scientific research articles for teachers, the following conclusions can be drawn: 1) that through training and mentoring for the publication of scientific research articles for teachers, teachers can increase insight and knowledge regarding the publication of scientific articles. 2) increasing teacher professional competence through training and assistance in terms of publication of scientific articles.

Acknowledgements

Thank you to the Principal of Madrasah Tsanawiyah Negeri 2 Boalemo, Boalemo Regency, Gorontalo Province, Mr. Erman Hubu, S.Pd., M.Pd, who has supported and assisted during the training process and assisted in the publication of scientific research articles.

References

- Benardi, A. I., Hariyanto, H., & Putro, S. (2019). Pelatihan Penulisan Publikasi Jurnal Ilmiah Terakreditasi Nasional Bagi Guru di MGMP Geografi SMA Kota Semarang. *PANJAR: Pengabdian Bidang ...*, 1(1), 50–54. <https://journal.unnes.ac.id/sju/index.php/panjar/article/view/28684>
- Dwiningsih, K., Tukiran, T., & Made Sanjaya, I. gusti. (2019). Peningkatan Kualitas Publikasi Ilmiah Dan Penelitian Bagi Guru SMA Melalui Pelatihan Pemanfaatan Software Zotero. *Jurnal ABDI*, 4(2), 85. <https://doi.org/10.26740/ja.v4n2.p85-90>
- Fakhriyah, F., Wanabuliandari, S., & Ardianti, S. D. (2018). Pendampingan Publikasi Karya Ilmiah Bagi Guru SDN 5 Karangbener Kecamatan Bae, Kudus. *Jurnal Pengabdian Pada Masyarakat*, 3(1), 93–98. <https://doi.org/10.30653/002.201831.44>
- Haerazi, H., Irawan, L. A., Rahman, A., Jupri, J., & Warta, I. K. (2020). Publikasi Ilmiah Untuk Akselerasi Kenaikan Pangkat Guru Bahasa Inggris SMP Negeri Se-Lombok Tengah. *Sasambo: Jurnal Abdimas (Journal of Community Service)*, 2(1), 33. <https://doi.org/10.36312/sasambo.v2i1.191>
- Hafid, A., Mukhtar, H., Hayami, R., Fatma, Y., & Unik, M. (2018). Peningkatan Kualitas Publikasi Ilmiah dan Penelitian Bagi Guru SLTA dengan Pemanfaatan Software Referensi. *Jurnal Pengabdian Untuk Mu NegeRI*, 2(2), 77–82.
- Hasan. (2021). Publikasi Ilmiah Bagi Guru Sekolah: Antara Realita dan Harapan. *Jurnal Ilmiah: Cross Border*, 4(2), 154–164. <https://guruberbagi.kemdikbud.go.id/aksi/publikasi-ilmiah-bagi-guru/>
- Hunaepi, Prayogi, S., Samsuri, T., Firdaus, L., Fitriani, H., & Asy'ari, M. (2016). Pelatihan Penelitian Tindakan Kelas (PTK) dan Teknik Penulisan Karya Ilmiah Bagi Guru di MTs. NW Mertaknao. *Lumbang Inovasi: Jurnal Pengabdian Kepada Masyarakat*, 1(1), 38–40.

- Junaid, R., Baharuddin, M. R., & Ramadhana, M. A. (2020). Bimbingan Teknis Penulisan Artikel Ilmiah Bagi Guru-Guru SMP Negeri 8 Palopo, Sulawesi Selatan. *Abdimas Siliwangi*, 03(01), 49–59.
- Krismanto, W. (2018). Meningkatkan Kemampuan Publikasi Ilmiah Kalangan Guru Sekolah Dasar. *Dedikasi*, 20(1), 112–118.
- Mardin, H., Baharuddin, B., & Nane, L. (2020). Pelatihan Cara Menulis Sitasi dan Daftar Pustaka Jurnal Format Apa Style Menggunakan Aplikasi Mendeley. *Jurnal Abdidias*, 1(3), 137–143. <https://doi.org/10.31004/abdidias.v1i3.37>
- Mardin, H., & Nane, L. (2021). Improving Reference Management Skills Through Mendeley Training and APA Style Citation Techniques and Submitting Articles to OJS-Based Journals. *Fisheries and Society*, 1(6), 157-162.
- Noorjannah, L. (2014). Pengembangan Profesionalisme Guru Melalui Penulisan Karya Tulis Ilmiah Bagi Guru Profesional di SMA Negeri 1 Kauman Kabupaten Tulungagung. *Jurnal Humanity*, 10(1), 97–114.
- Rahyasih, Y., Hartini, N., & Syarifah, L. S. (2020). Pengembangan Keprofesian Berkelanjutan: Sebuah Analisis Kebutuhan Pelatihan Karya Tulis Ilmiah Bagi Guru. *Jurnal Penelitian Pendidikan*, 20(1), 136–144. <https://doi.org/10.17509/jpp.v20i1.24565>
- Sumarni, Prayitno, A. T., & Adiastry, N. (2020). Pendampingan Penulisan Artikel Ilmiah Bagi Guru-Guru Sma Kecamatan Jalaksana Kabupaten Kuningan. *Al-Khidmat: Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 3(1), 15–24. <https://doi.org/10.15575/jak.v3i1.6243>
- Sutanta, E., Iswahyudi, C., Raharjo, S., Rusianto, T., Utami, E., & Darmanto, E. (2021). Kolaborasi PKM: Program Peningkatan Kemampuan Guru Dalam Publikasi Ilmiah Jurnal Nasional. *Jurnal Abdimas PHB: Jurnal Pengabdian Masyarakat*, 4(2), 21–34.
- ZR, H., Syafruddin, S., & Muntari, M. (2020). Pendampingan Penyusunan Karya Tulis Ilmiah Bagi Guru-Guru SMA/MA di Kecamatan Narmada Lombok Barat. *Jurnal Pengabdian Magister Pendidikan IPA*, 3(2), 137–141. <https://doi.org/10.29303/jpmipi.v3i2.514>