

How to Use "Publish or Perish" to Raise the Standard of Scientific Writing at State Administration Study Programme Students, Sultan Syarif Kasim Riau State Islamic University

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Abstrak

Kegiatan ini bertujuan untuk meningkatkan kemampuan mahasiswa Program Studi Administrasi Negara Universitas Islam Negeri Sultan Syarif Kasim Riau dalam pembuatan karya tulis ilmiah. Masalah yang lumrah ditemukan yakni kesulitan memperoleh teori relevan dalam penelitian. Hal ini telah berdampak pada penggunaan produk perundang-undangan sebagai teori penelitian sehingga berpengaruh terhadap kualitas karya tulis ilmiah yang dihasilkan. Untuk mengatasi permasalahan tersebut maka dilakukan kegiatan pendampingan penggunaan aplikasi Publish or Perish. Melalui penggunaan aplikasi ini, peserta akan dengan mudah memperoleh artikel ilmiah dalam jumlah yang besar dan waktu yang sangat singkat. Artikel ilmiah tersebut dapat digunakan sebagai teori penelitian. Sebelum dilakukannya kegiatan ini, tidak ada peserta yang mengetahui aplikasi ini. Berdasarkan pada hasil evaluasi, setelah dilakukan kegiatan ini peserta mengetahui fungsi dan seluruh fitur yang terdapat pada aplikasi ini. Selain itu peserta juga telah mampu melakukan instalasi secara mandiri dan telah dapat menggunakan aplikasi ini secara baik. Dengan demikian dapat disimpulkan bahwa kegiatan ini telah berhasil meningkatkan kemampuan peserta dalam pembuatan karya tulis ilmiah.

Abstract

This activity aims to improve the ability of State Administration Study Program students at Sultan Syarif Kasim Riau State Islamic University to make scientific papers. A common problem found is the difficulty of obtaining relevant theory in research. This has had an impact on the use of statutory products as a research theory, so much so that it affects the quality of the scientific papers produced. To overcome these problems, mentoring activities are carried out using the Publish or Perish application. Through the use of this application, participants will easily obtain a large number of scientific articles in a very short time. The scientific article can be used as a research theory. Prior to this activity, none of the participants knew about this application. Based on the results of the evaluation, after this activity, the

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participants will know the functions and all the features contained in this application. In addition, participants have also been able to install this application independently and use it properly. Thus, it can be concluded that this activity has succeeded in increasing the ability of participants to write scientific papers.

1. INTRODUCTION

Since writing involves more than merely repeating someone else's words and sentences, it is the most difficult type of language proficiency to acquire (Heriyudananta, 2021; Supriani et al., 2020). Students in the first year of college at many universities are expected to submit research articles to peer-reviewed publications or local media (Hudaa et al., 2021; Mahsusi & Hudaa, 2022).

Scientific writing is the product of writing activities that adhere to scientific principles, place an emphasis on rationality, and deal with issues from a purely factual and empirical perspective (Hanafiah et al., 2021; Harared & Iriyansah, 2021). There are three main facets to scientific writing that all work together to form a whole: the ability to conduct a literature search, the ability to conduct research actions, and the ability to write effectively (Afandi, Aswad, et al., 2022; Puspita et al., 2021; Putra, 2019).

When preparing research papers, students in the State Administration Study Programme at Sultan Syarif Kasim Riau State Islamic University often struggle to identify applicable theories. As a result, there are fewer scholarly papers based on renewable theory. Because of these constraints, statutory products are increasingly being used as research theories.

Because of this, it becomes more challenging for students to publish their research in peer-reviewed publications. However, as an alternative to taking a thesis test, the university now requires students to submit works to national journals with a Sinta 2 or higher accreditation. Students who have their research published in such journals will not need to defend their theses. In light of this, it is crucial to train students to write better scientific publications. One way to do this is to encourage the use of ancillary software to aid in the production of scholarly articles. It's Publish or Perish for the apps discussed here. For students, this software can be a lifesaver when trying to locate applicable theories for use in writing research papers.

Whether or not a piece of research is published has a significant impact on its credibility (Hodiyanto & Alimin, 2020; Maulyda et al., 2022). Theoretical constructions are an integral part of high-quality scientific writing (Abdusshomad et al., 2022; Daumiller et al., 2019). Quality research can be measured by the number of articles published in peer-reviewed scientific journals. The spread and practical application of beneficial ideas will be greatly aided by their publishing in scientific journals (Afandi, Afandi, et al., 2022; Lambovska & Todorova, 2022).

2. METHOD

This activity employs the Participatory Learning Method (PLM) approach. This approach emphasises the learning process by basing training activities on participant participation in activities so that two-way interactions develop (Supriani et al., 2020; Vaughn & Jacquez, 2020). This task was completed in December 2022. These participants were undergraduates in their sixth semester of the State Administration Study Programme at Sultan Syarif Kasim Riau State Islamic University.

In general, this activity involves socialising the use of the Publish or Perish application, guiding the installation of the application, and providing education on the use of the application to participants. The tools used in this activity are laptops and Infocus. The stages of this activity are:

1. Finding the problems faced by the participants
2. Determine problem-solving solutions.
3. Activity planning
4. Implementation of activities
5. Evaluation of the implementation of activities

3. RESULTS AND DISCUSSION

The purpose of this event is to help students in the State Administration Study Programme at Sultan Syarif Kasim Riau State Islamic University write better research papers for their last semester of school. Students' struggles to locate applicable theories for use in scientific paper writing constitute the difficulty to be solved in this exercise. The Publish or Perish mentoring programme will be used to address this issue.

Publish or Perish is an efficient application that quickly compiles scientific articles from Google Scholar, Crossref, PubMed, OpenAlex, Scopus, Semantic Scholar, and the Web of Science databases. In less than one minute, this application is able to compile up to one thousand scientific articles. This application's features can assist students in composing scientific papers, including the identification of pertinent theories.

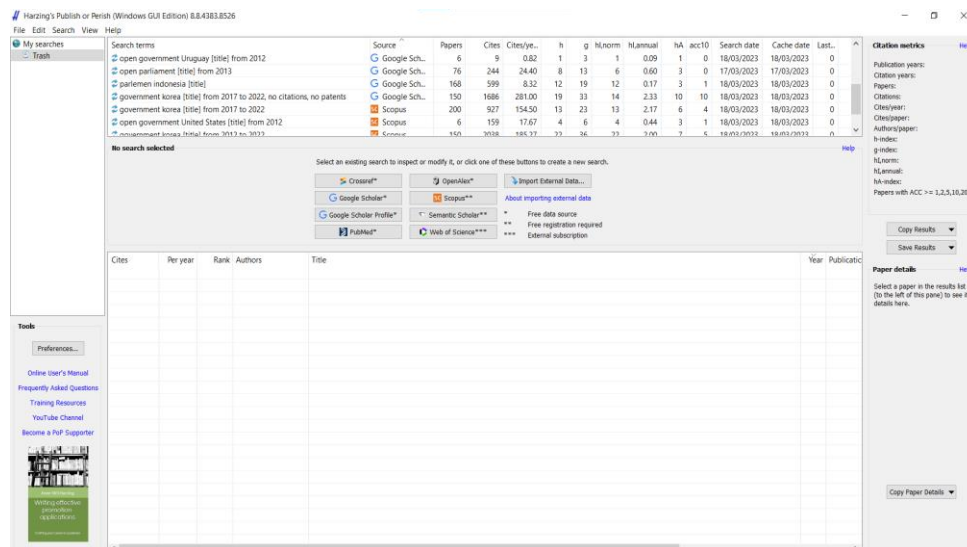


Figure 1. Display of the application Publish or Perish

Besides functioning effectively to collect scientific articles in large numbers and in a very short time, this application is also able to help researchers analyse and evaluate the scientific articles they have published. This application is able to calculate the hierarchical index (h-index) and the citation index (i10-index). The hierarchical index (h-index) is a measure of researcher performance that measures the number of publications that have been published and the number of citations that have been obtained from these publications. The citation

index (i10-index) is a measure of researcher performance that measures the number of publications that have been published with a minimum of 10 citations.

This application has been equipped with features that can be used to compare scientific publications that have been published by a researcher with scientific publications published by other researchers in the same field, find out which scientific journals have published a lot of someone's research, find out the sources of citations that are most used by researchers, and know the number of scientific publications that have been published by researchers in different categories (e.g., international journals, national journals, international conferences, and national conferences).



Figure 2. Activity Implementation

This activity was carried out for one day on December 5, 2022. The number of participants in this activity was 15 people. Participants in this activity were 6th semester students at the State Administration Study Programme at Sultan Syarif Kasim Riau State Islamic University who wished to publish scientific papers in Sinta 2 accredited national journals as a substitute for thesis exams.

Prior to this activity, based on the assessment conducted, the participants did not know about the Publish or Perish application, so no participants had ever used this application. This activity began with introducing the Publish or Perish application to the participants, who were then guided to install the application on their laptops. After all participants have successfully performed the installation, they are guided on how to use all the features contained in this application.

At the end of this activity, an evaluation was carried out to measure the abilities of the participants. All participants are instructed to use all the features contained in this application. The result of the evaluation of this activity is that all participants understand the features of this application and are able to use it.

4. CONCLUSION

This activity is based on the phenomenon of State Administration Study Programme students at the Sultan Syarif Kasim Riau State Islamic University who have difficulty writing scientific papers, especially in finding relevant theories. The solution provided to solve this problem is assistance using the Publish or Perish application. This activity begins with introducing application functions, installing applications, and guiding the use of applications.

Prior to this activity, none of the participants knew about the Publish or Perish application. Based on the results of the evaluation carried out at the end of the activity, all participants knew the Publish or Perish application function and were able to use it to obtain scientific articles that could be used as theories in research. Based on this, this activity is considered to have succeeded in increasing the ability of participants to write scientific papers.

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