

Mendeley: An Introduction To Online Citation In Writing Research Article As The Implementation Of The Three Missions Of Universities At Nasional University

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ABSTRACT

This present community service activity aims in giving an understanding of the use of Mendeley application comprehensively in a research article for the lecturers of the Faculty of Language and Literature at Nasional University. Mendeley is a reference extraction and automatic metadata application that can be operated through Mendeley Desktop and social networking and academic reference search engines that can be operated through Mendeley Web. Mendeley Desktop and Mendeley Web are very helpful for users in managing and dividing research article to find research data and collaborate online. The method of implementing this activity was divided into three steps in workshops model: (1) practical guidelines and tips on how to write at national accredited journals, (2) introducing Mendeley, and (3) practice of Mendeley. The result of the community service activity indicates that this activity help the lecturers in the citation writing process in case of in writing bibliography. Mendeley makes writing bibliography more effective and efficient. In understanding the citation process, verification will be more accurate and easier for other researchers to trace research. From these result, it can be concluded that the majority of the lecturers get new information and knowledge about Mendeley's citation and citations application. The lecturers felt the positive impact of the activities held with the aim of facilitating the writing of citations and citations in research articles. The positive feedback of the lecturers is shown interactively during the implementation activities. It can be seen through their testimonials.

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A. INTRODUCTION

The lecturer as a part of a college has the main responsibility in carrying out its duties. One of them is implementing the *Tri Dharma Perguruan Tinggi* (three missions of universities). One of the points of *Tri Dharma Perguruan Tinggi* stated that lecturers are required to write a research that must be published in a publication journal. They are required to produce research article every semester, because this is one of the three missions of universities beside teaching and implementing community service. But in fact, in point of research, according to (Mulyana, 2017) stated that (international) journals indexed by Scopus in Indonesia are the lowest one if it is compared to another countries. Only several lecturers in Indonesia write an article in international journals. The problem is writing in English. In this case, some reputable journals require that the article must be written in English. Also there are a 3 guideline in writing

research article as what mentioned by Farr in (Harahap & Yunita, 2021) which is formulated by acronym IMRAD (introduction, materials and methods, results, discussion). Then, there must be a several steps to improve the ability of lecturers in writing in journals. Some of them did workshops in case to prepare their article. In addition, there must be several concrete steps from the ministries, universities, faculties and departement itself. Mulyana assessed that the ability of each lecturer in writing was different. In order to write an article in Indonesian, in writing, they needs to be trained, because it takes time flight. Therefore, every lecturers must have the ability and skill in preparing their writing through accredited journal or open journal system (OJS). In addition, reputable journals also require that their writings must be indexed by citation applications such as mendeley.

Based on data are obtained from the results of preliminary observations, the faculty of language and literature as partner in implementing community service, has several lecturers in the fields of literature, linguistics, and translation. Some lecturers have already written in various reputable journals and internal journals such as *Pujangga*. But on the other hand, at the observation stage, the team observed that there were some lecturers who were still very unfamiliar with citation applications such as Zotero and Mendeley. One of the online citation applications that should be known by researchers is Mendeley. Mendeley is a citation application that allows researchers to store all of their references online. The pattern of citations in current research still uses manual or conventional citation methods.

According to the observation, the team assumed that the importance to contribute in terms of introducing Mendeley application for the lecturers. In this public service activity aimed in giving an understanding of the use of Mendeley application comprehensively in a research article for the lecturers of the Faculty of Language and Literature at Nasional University. In line with (Sari, 2021) stated that the lecturers should use other media to overcome the their problem. (Rahmawati, Ikashaum, Wahyuni, & Cahyo, 2022) also stated training on using interactive media for writing is very necessary. With technology in citation that allows them to be active, to ease in writing.

B. LITERATURE REVIEW

The writing process is the process of expressing thoughts, ideas, ideas, and concepts. In the process, a lecturer is expected to be a good writer through qualified works so that his research can be useful for his readers. With the research that has been done, it is expected to be able to provide benefits and real contributions to society. In addition, it can be a reference and reference material for further research. Research on articles today has several rules that must be followed. One of them is the citation process. The process of citing online has become a requirement that must be fulfilled by the lecturers.

Mendeley is a reference extraction and automatic metadata application that can be operated through Mendeley Desktop and social networking and academic reference search engines that can be operated through Mendeley Web. Mendeley Desktop and Mendeley Web are very helpful for users in managing and dividing research article to find research data and collaborate online (Patak & Akib, 2016).

Mendeley combines mendeley desktop as a PDF and reference management application available in versions of Windows, Linux and Mac with Mendeley as a social network for researchers (Henning & Reichelt, 2008; Hull, Pettifer, & Kell, 2008; Palmer, 2009). Mendeley provides intriguing features for developing one's professional research network. Mendeley consists of two main programs: a desktop citation and PDF manager and an online companion

that can also manage citations while sharing user-defined pieces of information about one's research with others (Mendeley, 2009) in (Zaugg, West, Tateishi, & Randall, 2011). On September 23, 2013, Mendeley announced that Mendeley could be installed free on iPhone and iPad (Dennis, 2013). Mendeley requires users to store all citation data on the server along with documents in PDF form text. During registration, Mendeley free up 2GB of online storage capacity (Patak & Akib, 2016).

The social reference sharing site Mendeley allows registered users to share their references with other users (Gunn, 2013; Henning & Reichelt, 2008; Zaugg et al., 2011). A by-product of this is that, for any paper, Mendeley records the number of users that have listed it, describing them as *readers*, whether or not they actually read it. Presumably, listing an article in Mendeley tends to reflect that an article has been read or will be read in the future, although there is no evidence that this assumption is true (Thelwall & Maflahi, 2015).

C. METHOD

An introduction to online citation mendeley in community service activities was carried out for one day. Starting on September 6th, 2018, 09.00 am - 03.00 pm. It is located in block IV 106 of the Nasional University with the following steps (Workshop):

a. Practical Guidelines and Tips on How to Write at National Accredited Journal

At this stage, the implementation team provided material in the form of methods, tips on how to write in a reputable or accredited journal and gave an understanding of the importance and process of research publication in OJS journals or reputable and accredited journals. In addition, this section, team also provided several links and journals which were certainly needed by the lecturers. Afterward, the team also presented a number of reputable language journals that required Mendeley as its requirement. Some of them are *Lingua Cultura* (Bina Nusantara University), *Language and Art journal* (Malang University), *E-Dimas* (PGRI Semarang), *Deixis journal* and *Scope* (University of Indraprasta PGRI). This stage was the first activity for the lecturers, where an understanding of how to write an article to reputable journals.

b. Introducing Mendeley

Introducing Mendeley is an activity carried out to provide an introduction to Mendeley for lecturers in using Mendeley in article writing or research. At this stage, also an introduction a number of features in the mendeley application by the team in this stage.

c. Practice of Mendeley

At this stage, the team practiced some steps to use the Mendeley application for the lecturers. At this stage, the lecturers are expected to be able to pay attention and use Mendeley directly by referring to what has been displayed at the stages of previous activities.

D. RESULT AND DISCUSSION

This activity was divided in three stages of activities, including practice in guidelines and tips on how to write at reputable journal. At this stage, the implementation team provided material in the form of a list of names of reputable journals and how the publication process from the editor to the reviewer. The team also conveyed tips and experiences on how to get the article accepted. This is one of the important points, so that the article can be accepted and it is a strong reason for the article to be published.



Figure 1. Team explained how to publish an article in a reputable journal

In the second stage, an introduction of Mendeley is done by giving modules related to Mendeley. At this stage, the team explained Mendeley and how to use it. The team also introduced features which is available in the Mendeley application such as author's name, year, book or title, city, publisher and url link.



Figure 2. The speaker explained Mendeley's features

Lastly, practice of Mendeley. At this stage, the team gave a demo how to use Mendeley together with lecturers. First step, the lecturers have to download several research sources in the form of ebook or pdf and put them in the Mendeley, then filled in the bibliography information in the Mendeley detail panel located on the right of the Mendeley screen and the team also showed how to cite in Mendeley by pressing (alt + m) on the keyboard and how to insert bibliography on the Mendeley application. In addition, citation styles can be choosed by the lecturers in Mendeley such as APA, MLA, Harvard, Vancouver, etc.

Through this activity, the team helped the lecturers in using Mendeley application. The positive impact from this activity helped the lecturers in order to use Mendeley. At this stage, the team found interactive feedback from the lecturers in each activity. In the final stage, the team provided feedback on several questions from the lecturers (sharing session). In addition, the team also helped and re-practiced the use of Mendeley comprehensively.



This activity is expected to provide an information and understanding of Mendeley for the lecturers. The team produced output as the product at the end of the activity. Product entitled *be a professional researcher with mendeley: Booklet* for lecturers how to use mendeley in booklet. This booklet is conducted in order to provide feedback on the activity.

E. CONCLUSION

In using Mendeley application in research article, it helps to assist lecturers in terms of citation and citation writing process in the bibliography. By using Mendeley, verification is considered more accurate and ease for other researchers to trace the research. From these results it can be concluded that there is still a need for intensive socialization and training for lecturers about the use of Mendeley as an effective and efficient application of citations for lecturers in research article. In general, the results of the implementation of community service activities for lecturers in Faculty of Language and Literature Nasional University can be summarized as follows: The majority of the lecturers get new information and knowledge about Mendeley's citation and citations application. The lecturers felt the positive impact of the activities held with the aim of facilitating the writing of citations and citations in research articles. The positive feedback of the lecturers is shown interactively during the implementation activities. It can be seen through their testimonials.

Abdimas activities ran smoothly in accordance with good communication between the team and partner. The introduction of this application is expected not only to be introduced for lecturers in the Faculty of Language and Literature Nasional University, but also can be introduced for the lecturers in other faculties. However, it needs cooperation from all of the stakeholders in case to increase a number of research articles published by lecturers in reputable journals which use Mendeley as its citation.

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