

## **Mendeley Application Training for Teachers of MI Humaira**

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**Abstract:** Many instructors do not use automatically quoting and producing bibliographies, the present service is attempting to assist teachers in using the Mendeley program. This workshop seeks to increase MI Humaira instructors' abilities to cite and write bibliographies using the Mendeley program. The course takes a performance-based approach, although it begins with explaining and providing examples before assisting with installation and sync to Microsoft Word. There were 20 instructors from MI Humaira who took part in this training. The outcome of this exercise was that the participants were able to master Mendeley when writing scientific articles.

**Keyword:** Mendeley Application, Teacher, Training

### **1. Introduction**

Mendeley application training is essential for instructors to receive; the objective is for teachers to be able to reference and produce bibliographies automatically. This training is required in order to perform community service. Many services related to Mendeley application training have previously been carried out, including (Windarto, Hartama, Wanto, & Parlina, 2018), who concluded that training on the use of Mendeley desktop can increase knowledge as well as provide a stimulus for students to be more creative in creating bibliographies of scientific works. The positive actions carried out (Windarto et al., 2018) seek to assist students in appropriately handling references in order to

improve education quality in Indonesia. Next, (Rahmawati et al., 2018) demonstrated that the participants were able to create citations and bibliographies using Mendeley and would utilize them for the next publication as a consequence of his training. Finally, the findings (Anwar, Sabrina, & Cahyani, 2021) reveal an improvement in participants' comprehension and ability to utilize Mendeley software. During the software installation, there was an increase of 100% of participants being able to install. Then, as much as 100% has been able to quote accurately, and participants like to utilize Mendeley as a medium for composing their final assignment. However, 35% of users encountered issues while installing and synchronizing programs on Microsoft Word.

Elsevier created Mendeley, a computer and web tool for managing the sharing of research papers, searching for research data, and working online (Pahmi et al., 2018). Mendeley is a popular citation software that is simple to use, making it a favorite among authors, especially novices. Finally, as of August 1, 2019, Mendeley outperformed various software like Zotero, EasyBib, EndNote, RefWorks, Paperpile, JabRef, Sorc'd, Citavi, Biblioscape, figshare, Reference Manager, Citationsy, cite4me.org, Cite This For Me, and citeulike. The simplicity of use of this program is a factor to consider while teaching in the context of serving good and correct citations utilizing Mendeley software (Yusdita & Utomo, 2019).

Citation is a crucial part of writing a scientific article. The availability of tools such as Mendeley can make writing citations easier, allowing authors to handle their reference papers more rapidly. Mendeley, on the other hand, can verify that the bibliography and citations are in sync. Any citations utilized in the text must be included in the bibliography, and vice versa (Ngibad, 2020).

Mendeley training for teachers, and the outcomes were extremely effective in assisting instructors to be more productive in writing and creating more scientific works (Pahmi et al., 2018). It is envisaged that the present training would be able to alter professors who were previously tough and did not have scientific publications to have scientific articles. Furthermore, it will provide insight and disseminate how to utilize the Mendeley program so that all instructors in Indonesia feel comfortable writing. One way to increase the quality of educators is to help them write scientific articles. Teachers must have strong writing abilities in order to create scientific articles. Educators can begin writing by learning how to utilize the Mendeley program (Pahmi et al., 2018).

Teachers must be able to write in order to increase the quality of instruction. According to various surveys, writing is the most commonly utilized language skill in communication. However, after observations and according to the Head of MI Humaira, the teachers at MI Humaira Bengkulu City, there are still many who do not understand how to write a good scientific paper, including how to automatically cite and create a bibliography using the Mendeley application. Therefore, this community service, which is packaged in the form of Mendeley application training, is carried out at MI Humaira.

This type of training has been done by many earlier writers, but it still has something fresh to offer because it has not been done in all provinces in Indonesia, particularly in MI Humaira. This program helps MI Humaira instructors improve their writing abilities and will assist all MI and RA teachers in Bengkulu Province because MI Humaira has always been a pioneer in developing and enhancing the quality of teachers and institutions.

This project seeks to educate MI Humaira instructors how to use Mendeley to write citations and bibliographies. This is a service activity performed by mentoring instructors, such as those performed by (Pahmi et al., 2018) and (Rahmawati et al., 2018). In addition to coaching Mendeley, he has also trained teachers for kids (Aransyah, Bharata, Aulia, Maulidia, & Ismaliana R, 2021; Idris, Hendratmoko, Lestari, Agus, & Mulyono, 2021; Imam, Astuty, Samsir, Basra, & Albi, 2019; Sujianto, 2021; Wahyuningsih, Sugianto, & Wardiningsih, 2021).

According to (Kosasi, 2019), the Mendeley application is simple to use; the synchronization process can be completed at any time and in a short period of time; it is simple to share articles with others; and it is simple to quote or cite articles to support research needs. The Mendeley program also makes it simple to add suitable references to reference materials. The program then ensures the appropriateness of the citation or citation with the bibliography to avoid plagiarism. The Mendeley program also makes it easy to establish the style of the required bibliography in a precise and consistent manner, such as the American Psychological Association, IEEE, Modern Language Association, and so on. Then, according to (Somantri, Pratiwi, & Ikhtiagung, 2020), the development of a good citation necessitates the use of a tool that may aid in its administration; one application that is now commonly used is Mendeley.

Several service activities relating to Mendeley training have been carried out, including (Anwar et al., 2021; Kosasi, 2019; Ngibad, 2020; Pahmi et al., 2018; Rahmawati et al., 2018; Windarto et al., 2018; Yusdita & Utomo, 2019).

PPM is not only limited to giving content in this training, but also assists participants in writing, then participant performance such as installation, etc., as was done by (Anwar et al., 2021; Kosasi, 2019; Somantri et al., 2020).

The phrase (Sujianto, 2021) has become a worldwide standard, and publishers frequently need the Mendeley application in the bibliography for publishing in scientific publications. When an author does not utilize Mendeley to write his journal, it is not unusual for submitted articles to be returned or even rejected. This is also the foundation for considering Mendeley application training at MI Humaira.

The issue formulation in this essay were how to implement Mendeley application training at MI Humaira? What challenges did you confront during the training? How did the Mendeley application training go down with the participants?

## 2. Methods

Mendeley application training is required to create an effective scientific report. As a result, MI Humaira teachers must be proficient in producing citations and bibliographies using Mendeley. This course was created in the goal of assisting MI Humaira teachers in creating effective and proper citations and bibliographies. This activity is intended to last six months, beginning in March and ending in October 2022. The following are the activities' outline details:

**Table 1. Details of Activities**

No	Activity	Description
1	Preparation	The implementation team prepares everything for the activity, including the schedule, tools and materials for the activity.
2	Explanation	Management of Reference
4	Training	Create Account, Install, Sync Mendeley Application on Microsoft Word, Add Database Reference on Mendeley Application, Insert Citation, Style, Insert Bibliography
5	Demonstration	Show off the results of the training
6	Evaluation	Record the results of the participants' work

Teachers at MI Humaira are willing to provide rooms and other supporting facilities such as WiFi, projectors, markers, and whiteboards for activities, and all participants bring laptop computers. MI Humaira instructors learn how to 1) create an account; 2) install; 3) sync the Mendeley application on Microsoft Word; 4) import other documents; 5) insert citations; 6) styles; and 7) insert bibliographies. Evaluation occurs both throughout the activity phase and at the conclusion of the training. The assessment procedure was carried out to determine the degree of knowledge of the participants. The script generated by the participants is then examined for the final judgment.

### **3. Results and Discussion**

The author has performed service activities at MI Humaira with extremely positive effects. The participants were able to create a Mendeley account, install the Mendeley application on their laptops, then synchronize the Mendeley application on their Microsoft Word, add a reference database to the Mendeley application, insert citations, change the APA style to IEEE and others, and finally bring up a bibliography of all the citations they took.

This exercise drew 20 participants, all of them were MI Humaira instructors. This session was successful in teaching the participants Mendeley. The attendees were animated and clearly grasped how to utilize Mendeley as a tool for drafting scientific articles. The author shows the outcomes of the exercises in Figures 1 and 2.



**Figure 1. Atmosphere of Participants Participating in the Training**



**Figure 2. Participants Listening and Viewing the Presentation of Resource Persons**

The attendees appeared to be taking the instruction seriously. They listened while while running tests on their laptops. Figures 3, 4, and 5 indicate how excited the participants were about taking part in the training.



**Figure 3. Participants Follow the Training Carefully**



**Figure 4. Participants Participate in Training and Performance**



**Figure 5. Participant Performance Successfully Operates Mendeley**

The Mendeley application training exercise was then concluded with a group shot. Here, the author poses for a portrait with all of the training participants.



**Figure 6. Group Photo of the Training Participants**

This Mendeley application training is also available on YouTube, where you may find it at <https://www.youtube.com/watch?v=Oc3-VfNFIsW>. Other researchers have conducted Mendeley application training in the past, including (Bachri & Lonik, 2021; Harared & Iriyansah, 2021; Harared, Wahyudi Utomo, Somba, Pendidikan Bahasa Inggris, & Bahasa, 2022; Suswandari, Siwi, Mahendra, & Mulyati, 2020), and their findings support the findings in this study that the Mendeley application assists teachers and lecturers in writing citations and bibliography. Mendeley improved the effectiveness and efficiency of bibliography authoring (Harared et al., 2022). After attending Mendeley citation application course, the majority of professors and lecturers gained new information and knowledge (Harared & Iriyansah, 2021). Then (Bachri & Lonik, 2021) noted that the Mendeley application assists students in finding references for both national and international periodicals. Mendeley also teaches about worldwide standard citation practices.

Another research (Kosasi, 2019) demonstrates that educators and students are still exploring and tracking the reference categories of their scientific works manually. They may organize references, synchronize, and cite strategies in completing theses, dissertations, or final assignments after learning the Mendeley program (Cahnia, Darubekti, & Samosir, 2021).

According to (Asemi & Heydari, 2019), the Mendeley application provides benefits, including being an ideal tool for evaluating the study activity of academics, universities, and countries. Mendeley is commonly used to preserve collaborative documents (Zahedi & Haustein, 2018). Mendeley as a scientometrics tool and a useful tool for identifying extensively cited articles (Zohreh Zahedi, Rodrigo Costas, 2017). Mendeley is an online reference manager that allows users to save papers in libraries and share them with others. Then there's Mendeley.com. service is a free social reference sharing site that individuals mostly use to keep track of things they have read or plan to read (Nabeil Maflahi, 2017). [www.mendeley.com](http://www.mendeley.com) is a website and a desktop program that helps researchers maintain, exchange, and locate material and contacts (Singh, 2010). Everyone who has examined Mendeley agrees that it is simple to use and highly useful for producing bibliographies and making no changes to bibliographies made using Mendeley (Cahnia et al., 2021). Mendeley, according to (Cahnia et al., 2021), can reduce mistakes in citation and bibliography writing.

Mendeley and related apps will usher in a new era of social networking for scientists and researchers (Singh, 2010). Mendeley is a reference manager with

online, desktop, and mobile applications (Patak, Naim, & Hidayat, 2016). According to (Patak et al., 2016), one of Mendeley's most appealing characteristics for many users is a web interface with a social-media flavor. Mendeley's reference management software provides substantial citation writing accuracy as well as reference lists that assist writers in producing journals and/or final projects (Iskandar & Patak, 2019). Mendeley offers a number of citation style forms that may be switched between automatically. The American Medical Association, American Political Science Association, American Psychological Association, American Sociological Association, Chicago Manual of Style, Harvard, IEEE, Modern Humanities Research Association, Modern Language Association, National Library of Medicine, Nature, Vancouver, and many other styles can be found in Mendeley reference management software (Iskandar & Patak, 2019).

#### **4. Conclusions**

This article concluded that Mendeley application training is essential for instructors. The results of this activity succeeded in making the participants master Mendeley in writing scientific papers.

#### **5. Acknowledgement**

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