

## **Training Mendeley Application and Strategy for Writing Scientific Articles**

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**Abstract** This scientific article emphasizes the important role of individual researchers in contributing to the development of science and technology on a wider scale. The strategy for writing scientific papers is an innovation in writing with research trends. Scientific papers also relate to tools with applications such as Mendeley. While Mendeley serves as a valuable reference management tool, limited knowledge and skills among researchers can pose significant obstacles. This article highlights the importance of in-depth understanding and optimal use of the Mendeley tool, and proposes training initiatives to improve the digital literacy of researchers in the strategy of writing scientific papers.

**Keywords:** Mendeley Applications; Scientific Article Writing; researcher Training

### **1. INTRODUCTION**

Enhancement quality research and publications scientific signify step positive in guard Power competitive in the world of science continued knowledge and technology develop fast. Focus on aspects This No only covers aspect quantitative, but also qualitative, with evaluate impact real thing that can be produced by a study (Teknoin 2008). In measuring to what extent a research give contribution means, publication scientific in journal leading ones indexed Good national until scopus become a highly appreciated benchmark. Existence research that can found inside index national until Scopus give legitimacy and recognition to contribution given science (Pramaswaradana 2017).

Therefore that's, effort for ensure that study reach standards and criteria writing article scientific No only become must practical, but also a step strategic for researchers and academics who want to carve the trace in the world of knowledge (Darmalaksana and Y Suryana 2018). In facing the demands increasing quality research, writing article scientifically adequate scopus standards and criteria are not simply formality, but rather a need urge. Writing process must put forward thoroughness, openness, and a strong methodology in order to be able to reach confession in community global scientific (Darmalaksana 2017). Therefore that, researchers and academics need keep going hone Skills writing they do not only for fulfil condition publication index national until scopus only, but also for prove relevance and contribution real from study they to development knowledge knowledge and technology. In context This is collaboration between researchers, institutions education, and publishing journal scientific play role crucial in develop ecosystem healthy and quality publications (Retnowati, Mardapi, and Kartowagiran 2018).

Researcher no only expected for focused on improvement quality research, but also work the same for build bridge between research conducted in various parts of the world. With thus, publication scientific journals leading no only become objective end, but also becoming step beginning going to formation public inclusive science and global impact (Muhidin 2022). As cover,

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effort for increase quality research and publications scientific no only benefit researchers and academics in a way individual, but also provide significant contribution to development knowledge knowledge and technology in a way whole (Salam and Akhyar 2017). With understand importance standards and criteria writing article scientific as guide, researchers can form strong footing for face challenge complex and dynamic in the world of research. With so, they are no only contribute to improvement reputation individual, but also becoming an integral part of evolution positive in knowledge knowledge and technology that transcends geographic and disciplinary boundaries knowledge (Simanjuntak, Syaefuddin Sa'ud, and Komariah 2019). Challenge faced by researchers No only lies in improving quality research, but also on understanding and optimal use of tools supporter such as Mendeley (Abdurachman and Arifiani 2022). Although Mendeley has prove himself as tool management very useful reference in the writing process article scientific, limitations knowledge and skills among researcher can become obstacle significant.

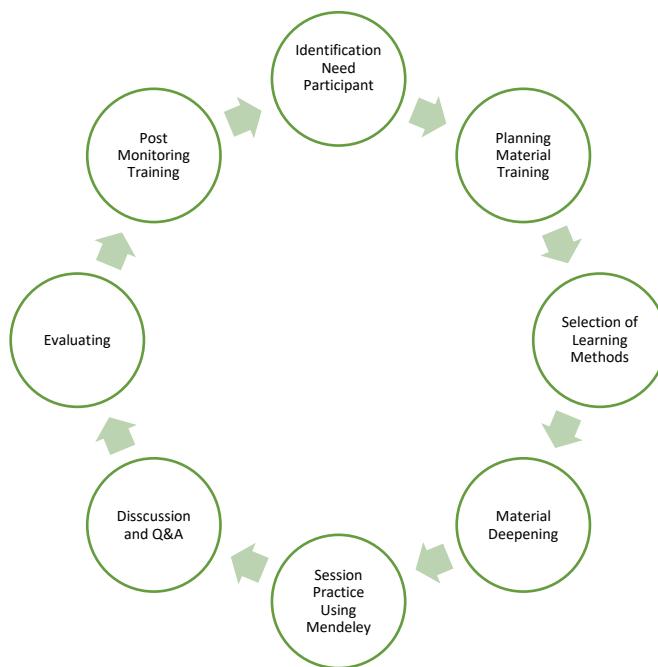
Mendeley, as tool management reference, no only simply save and organize reference (Hafid et al. 2018). More from that is, Mendeley facilitates the writing process with possible user insert and refer reference with easy, saves time and reduce risk error in preparation of bibliography. However, optimal use of Mendeley requires understanding deep about the features it has (Anoesyirwan and Madiistriyatno 2020). In an attempt increase digital literacy and mastery of Mendeley, provision training and resources power educative can become effective solution. Institution education and institutions study can initiate regular workshops or seminars that focus on the use of Mendeley and techniques management reference other (Darmalaksana 2016). With so, researchers can increase skills they in use tool this in a way effective and efficient (Subekti 2018). Additionally, encourage collaboration and exchange knowledge between researchers who have proficient in using Mendeley and colleagues those who still are need guidance can help overcome this constraint (Zulkifli and Sanjaya 2023). Online discussion forums or group studies small can become the ideal container for exchange experience and solve problem together, make sure that knowledge about Mendeley use is widespread widespread among community study (Paramita 2023).

Important for acknowledged that understanding and optimal use of Mendeley is not it only simply for fulfil condition formality, but also for increase efficiency and accuracy in the research process (Nofirman and Zulkifli 2023). Therefore that's, effort together for overcome limitations knowledge and skills in use application supporter like Mendeley would help create environment more research productive and organized. With so, researchers can focus on substance study they without disturbed by obstacles technically as it should be can overcome with understanding and optimal use of available technology (Effendi, Tawakkal, and S Sahri 2021). Related issues with problem this covers low understanding about technique writing article scientifically adequate standard, lack of mastery to use Mendeley applications, as well lack of awareness will importance research that can accessed and indexed in a way national and international (Nur'aini Krisna et al. 2022).

Activity training Mendeley applications and writing strategies article scientific by the Indonesian Lecturer Collaboration Forum (FKDI) which was held on 02 September 2023 via Google Meet app is expected can become solution concrete in overcome the problem. With give understanding deep about technique writing article scientifically adequate criteria good index national until Scopus as well as give guide practical in using Mendeley, hopefully participant can increase ability they in compile and publish study in a way effective. Involvement of 63 participants from various circles, good academics, researchers, and student, shows exists broad and urgent needs among public academic for increase competence in matter writing article scientific and application Mendeley. With thus, activities this expected can give contribution positive to enhancement quality research and publications scientific level national until international.

## **2. IMPLEMENTATION METHOD**

Method used in training Mendeley applications and writing strategies article scientific by the Indonesian Lecturer Collaboration Forum (FKDI) below This as following.



**Figure 1.** Research flow

An explanation of the research flow is presented below as follows.

- a. Identification Need Participant: Do survey beginning for identify level understanding participant related writing article scientific and deep use Mendeley application. Next, analyze survey results for determine focus and level of complexity material to be be delivered
- b. Planning material training: Choose appropriate material with need participants, incl technique writing article scientific, structure writing, and implementation use Mendeley application. Next, make a plan structured and appropriate learning with duration time activity
- c. Selection of Learning Methods: Use method learning various, such as presentation, discussion, study cases, and practice direct use Mendeley application. Next, adjust method with characteristics participants and materials that will be be delivered.
- d. Material Deepening: Convey draft base about writing article scientific, criteria writing index national and international, as well benefit use Mendeley application
- e. Session Practice Using Mendeley: Guide participant in steps use of Mendeley, incl management references, preparation of bibliography, and collaboration in team
- f. Discussion and Q&A: Provide time for discussion interactive between participants and resource persons. Next, answer questions participant related material training
- g. Evaluation: Do evaluation formative through quiz short or task practice for measure understanding participant. Next, use bait come back from participant for improve and perfect material training
- h. Post monitoring training: Carry out regular follow up periodically for monitor progress participant after training, and offers session consultation If required.

- i. Documentation: Record all over activity training, incl presentations, discussions and sessions practice. Next, create report covering ending results evaluation, participant feedback, and recommendations for repair in the future.

### **3. RESULTS AND DISCUSSION**

Result of activity this reflect contribution positive to enhancement competence and quality research among participants, with hope that impact can felt in publication more scientific quality and measurable. Issues related with writing article scientific and utilization tool management reference like Mendeley beyond simply constraint practical its essence reflect change dynamics evolution knowledge and ways study acknowledged as well as be measured (Firmansyah, Qadri, and Pengabdian 2020). As it increases competition in the academic world, ability Compiling scientific articles is not only limited to meeting national standards, but also demands relevance and openness for collaboration which is increasingly becoming a necessity (Wardhana and Library 2022).

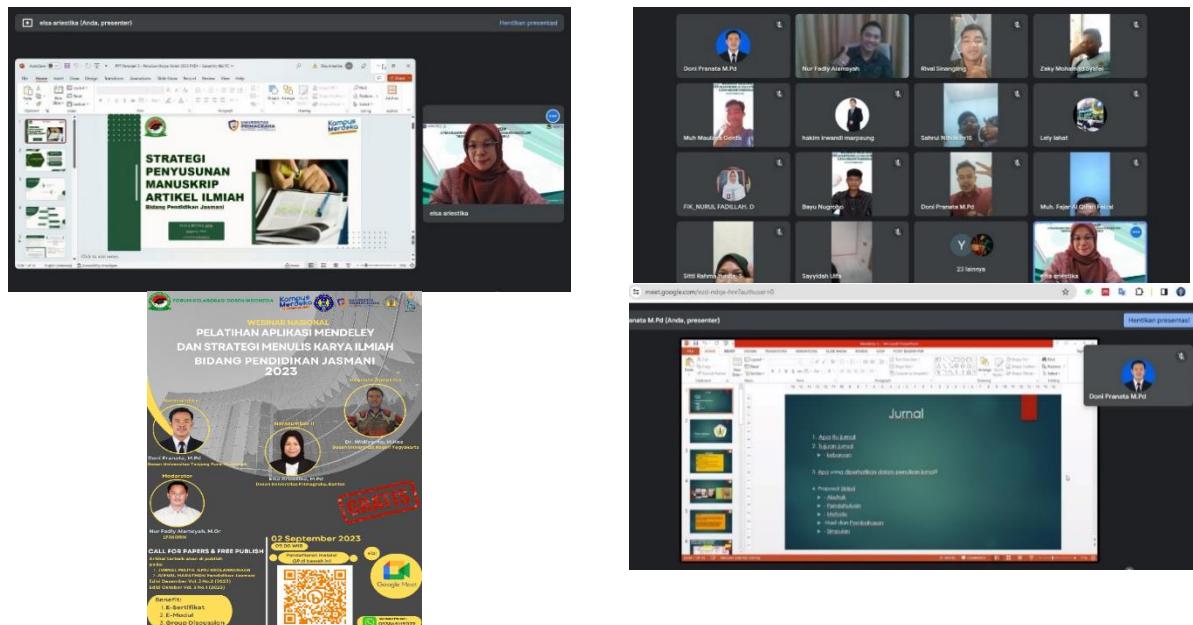
Importance topic This the more revealed when We realize that ability writing and management reference No simply related with affairs academic just. In context globalization research, produce research that can indexed in a way international involve more from simply fulfil criteria technical (Purnomo and Usman 2020). Writer article scientific, with ability write and manage optimal reference, too role in build image positive for institutions and communities research at the level local. With thus, improvement ability this can interpreted as significant contribution to power global competitiveness and position strategic something entity in realm research and innovation (Syaharuddin and Mandailina 2021). Not only simply understand method navigate Mendeley or fulfil requirements, researchers moment this also faces demands for produce research that can works as pusher collaboration cross disciplines and across geographic boundaries (Mahyuni 2021). With thus, writing article scientific no only about confession individual, but also about build bridge between community global scientific. In more perspective broad. This reflect evolution paradigm increasing research value diversity and contribution together.

By improving the ability to write scientific articles and manage references, researchers not only secure their place in academic competition, but also support the formation of a positive identity for the institution or research community where they belong (Syaharuddin and Mandailina 2021) By highlighting their international presence through indexed publications, they indirectly raise the image of their entity in the global arena of research and innovation. Thus, issues related to writing scientific articles and the use of reference management tools are becoming an integral part of the larger transformation in the world of research (Suseno et al. 2022). Increasing this ability is not only a goal for individual achievement, but also a step towards a more meaningful contribution at the community and even global level (Kurniawan et al. 2022) In the context of Mendeley, understanding and mastery application This no simply focuses on skills technical just. More from that, the use of Mendeley becomes A manifestation from Spirit openness research and collaboration are the main pillars in the modern academic world. Application this no only become tool help, but also become catalyst in rally participant study For bridge understanding and cooperation between fellow researcher (Suseno et al. 2022). Important For realize that Mendeley is not only simplify management processes reference, but also form aspect cultural and collaborative in practice study. With utilise features like distribution references, online discussions, and access open to literature, Mendeley helps create progressive and open environment to development scientific (Simanjuntak et al. 2019). With there is Mendeley, researcher can no only arrange reference they with more efficient, but also can share knowledge and views they with fellow researcher globaly. This matter no only increase quality study through collaboration cross disciplined, but also stimulating possible exchange of ideas produce innovation new (Suseno et al. 2022). Mindset progressive and open to development scientific become essence from use of Mendeley. When researchers understand that success in study No only lies in achievement individual, but also on contributions together in advance knowledge knowledge, arises Spirit deep collaboration. Through Mendeley, learning no again confined to the wall class or institution certain, but rather become a journey together going to understanding and discovery more scientific wide. With integrate Mendeley into in practice

research, researcher no only obtain profit technical, but also involved form culture collaboration required for face challenge complex in the world of modern research (Purnomo and Usman 2020; Teknoin 2008). With this, Mendeley became more from simply tool management reference, He be a facilitating medium exchange of ideas, development culture inclusive research, and achievement collective in answer questions increasingly scientific deep and complex. Through understanding deep about complexity topic this, activity training writing article indexed scientific helpful the Mendeley application appears as effective vehicle for overcome various challenges faced by researchers (Suseno et al. 2022). Within the framework this, activity training no only focuses on aspects technical only, but also trying approach issues related fundamentals with writing article science and use of Mendeley. With explore and discuss aspects critical in writing article scientific and utilization of Mendeley, participants No only improved in capacity technical them, but also encouraged for adopt attitude proactive to evolution constant in standards and trends global research (Dwi Rahmayantis et al. 2022).

Training This become more from simply transfer of knowledge. He become a platform for push participants for more sensitive to change and innovation in practice study. With so, topic this no only become focus activity training, but summarize essence from journey going to enhancement quality and impact more research wide. Participant no only invited for understand the procedures writing article appropriate scientific knowledge with standard national until scopus, but also for see it as more contribution big to progress knowledge knowledge in a way whole (Pramaswaradana 2017). In training this, researcher invited for no only view Mendeley as tool management reference, but rather as available means open door collaboration cross discipline and improve visibility study they. With strengthen understanding they about utilization of Mendeley, participants expected can make tool this as catalyst for expand network study them and enter the global arena with more impact big. As conclusion, activity training writing article scientific indexed with help Mendeley applications are not only just a practical agenda, but also a effort comprehensive in face dynamics complex world of research. With Keep going hone ability writing and utilizing technology supporters, participants expected can give significant contribution to enhancement quality research and advancement knowledge globaly.

Under this documentation activity training Mendeley applications and writing strategies article scientific by the Indonesian Lecturer Collaboration Forum (FKDI) as following.



**Figure 2.** Documentations

Figure 2 above shows the mendeley application and scientific article writing strategy training activities carried out by two resource persons, namely manuscript preparation strategy material and Mendeley application training material. Apart from that, an audience consisting of students, teachers and lecturers was obtained.

## **4. CONCLUSION**

With the end activity Training Mendeley applications and writing strategies article scientific by the Indonesian Lecturer Collaboration Forum (FKDI), can concluded that activity This has succeed give contribution significant to enhancement understanding and skills participant. Evaluation result show exists positive improvement in quality writing article scientific as well as mastery use of Mendeley. Participant no only obtain knowledge practical, but also internalized importance openness research and collaboration in create more impact wide. Hopefully, success activity this can become encouragement for participant for keep going develop Skills study they, make they more contributors effective in advancing the academic world.

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