



MENDELEY REFERENCE MANAGER TRAINING TO CREATE CITATIONS USING LATEX AND BIBTEX

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Abstract

Along with the rapid advancement of technology, several computer applications have emerged that can make it easier to create bibliography. This community service is focused on final year students, in order to make it easier for students to prepare final assignments and compile bibliography. The application used in this training is the Mendeley Reference Manager where this application can be downloaded for free. The method of activity carried out in community service is in the form of technical guidance related to how to use the Mendeley application. The participants in this training are open in general, but are specifically for final year students. The conclusion obtained in this service is the result of the evaluation of activities given in the final session, in general, the evaluation results from the activity survey carried out showed input from participants who were already very good and appreciated the committee during the activity. Starting from the ability to master and deliver the resource person's material to the committee's service to the participants during the activity. The follow-up required is to hold advanced training for participants by providing case studies or assistance in compiling the final project / thesis of students or lecturer research.

Keywords— *Mendeley Reference Manager, Training, Bibliography, LaTeX, BibTex*

PRELIMINARY

The campus as an educational institution as a whole has a function and purpose of providing services to stakeholders which include the community, government, companies, students, prospective students and parents. The campus through its units is tasked with providing maximum service to its target targets according to the function of the organizational structure. In this case, the Institute for Research and Community Service periodically carries out community service activities involving lecturers and students. The activity, which was held on November 24, 2022, at the STMIK Amika Soppeng Computer Laboratory, carried the theme Mendeley Reference Manager to Create Citations Using LaTeX & BibTex targeting participants in general ranging from students, lecturers, or teachers within the Soppeng Regency(Asnawi & Alber, 2021; Perdana, 2020).

Mendeley is a computer and web program developed by Elsevier that assists students and faculty in insertion, writing, and formatting citations. With this application we will no longer have difficulty in making citations which maybe we still use manual methods in inserting citations and creating bibliography. One of the problems faced by lecturers and students when writing is to paraphrase, cite, and find relevant references. To help lecturers and students overcome these problems, LPPM STMIK Amika Soppeng held training on the use of the Mendeley program(Aransyah, 2021).

This training is equipped with facilities such as the availability of laptops / PCs, air-conditioned rooms, LCD / Projectors, komumsi / snacks, and can consult directly for free after the activity. This activity was attended by dozens of participants and attended by students and

lecturers within the scope of Soppeng Regency. This training received good appreciation from the participants as seen from the results of the survey who were satisfied and judged this training to be very useful. This is in line with our expectations as training organizers and resource persons of course. The head of the committee thanked all participants who had enthusiastically participated in this activity, hopefully activities like this can continue to be carried out in the future (Anam, 2022; Santoso, 2022).

RESEARCH METHODS

The satisfaction survey of the Mendeley Reference Manager to Create Citations Using LaTeX & BibTex training activities was filled by 32 participants. The population in this survey is the respondent of the trainees. The data collection method used in this research is the Survey method with an online questionnaire as a tool. The questions in the distributed questionnaire consist of open-ended questions. This questionnaire has been prepared and distributed at the end of the activity session.

RESULTS AND DISCUSSION

Evaluation of Resource Persons/Trainers

1. Material Mastery Ability

The survey on the point of material mastery ability from the source / trainer, the survey results found that 62.5% of respondents were very good, 34.4% of respondents were good, 3.1% of respondents were quite good and 0% of respondents were not good.



Figure 1. Material Mastery Ability

Based on this, it can be concluded that the ability to master the material by the resource person / trainer is very good.

2. Material Delivery Ability

The survey results on the point of the ability to deliver material by the resource person / trainer clearly and easily understood found that 53.1% of the 32 respondents were very good,

40.6% of respondents were good, 6.3% of respondents were sufficient, and 0% of respondents stated that they were not good.

Kemampuan Penyampaian Materi oleh Narasumber/Trainer Secara Jelas dan Mudah Dipahami
32 jawaban

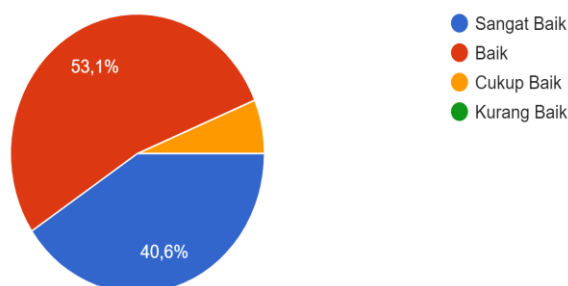


Figure 2. Material Delivery Ability

Based on this, it can be concluded that the ability to deliver material by the resource person / trainer is very good in delivering the material clearly and easily understood.

3. Intraction Ability

On the point of the ability of the resource person / trainer in interacting with participants during the activity, the results obtained stated that 50% of the 32 respondents stated that they were very good, 50% of respondents were good, 0% of respondents were enough, and 0% were not good.

Kemampuan Narasumber/Trainer dalam berinteraksi dengan Peserta Pelatihan
32 jawaban

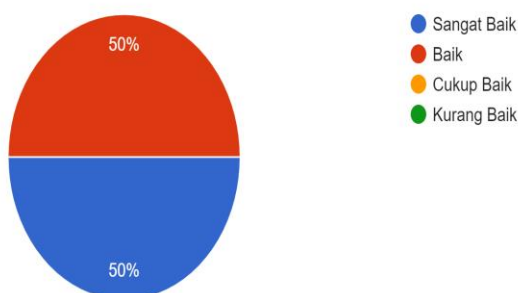


Figure 3. Intraction Ability

Based on this, it can be said that the ability of the resource person / trainer is good in interacting with participants during the activity.

4. Ability to Provide Feedback

At this point, the results of the 32-participant survey stated that 50% of respondents were very good, 46.9% of respondents were good, 3.1% of respondents were sufficient, and there were 0% of respondents who were not good.

Kemampuan Narasumber/Trainer dalam Menjawab dan Memberikan Feedback Pertanyaan dari Peserta
32 jawaban

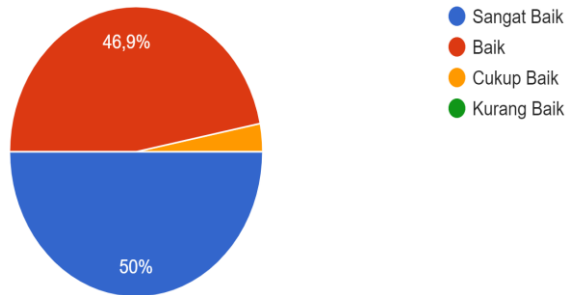


Figure 4. Ability to Provide Feedback

Based on this, it can be said that the ability of the resource person / trainer in answering and providing feedback on questions from participants is good.

5. The Ability to Create an Attractive Atmosphere

At this point, the results of the 32-participant survey stated that 56.3% of respondents were very good, and 43.8% of respondents were good, 0% of respondents were sufficient, and there were 0% of respondents who answered not well.

Kemampuan Narasumber/Trainer dalam Menciptakan Suasana yang Menarik Selama Kegiatan
32 jawaban

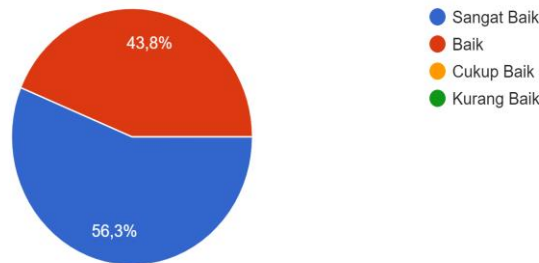


Figure 5. The Ability to Create an Attractive Atmosphere

Based on this, it can be said that the resource person/trainer's ability unit in creating an interesting atmosphere during the activity has been very good.

Evaluation of Activity Implementation

1. Timeliness of Activities

Surveys on the point of timeliness and duration of implementation of activities, the survey results found that 31.3% of respondents were very good, 65.6% of respondents were good, 3.1% of respondents were quite good and 0% of respondents were not good.



Figure 6. Timeliness of Activities

Based on this, it can be concluded that the timeliness and duration of the implementation of activities are good.

2. Facilities an Infrastructure

At this point, the results of the 32-participant survey stated that 53.1% of respondents were very good, and 46.9% of respondents were good, 0% of respondents were sufficient, and there were 0% of respondents who answered not well.



Figure 7. facilities an Infrastructure

Based on this, it can be concluded that the facilities and infrastructure of the training activity environment are very good.

3. Committee Services

At this point, the results of the 32-participant survey stated that 59.4% of respondents were very good, and 40.6% of respondents were good, 0% of respondents were sufficient, and there were 0% of respondents who answered not well.

Pelayanan Panitia terhadap Peserta Pelatihan
32 jawaban

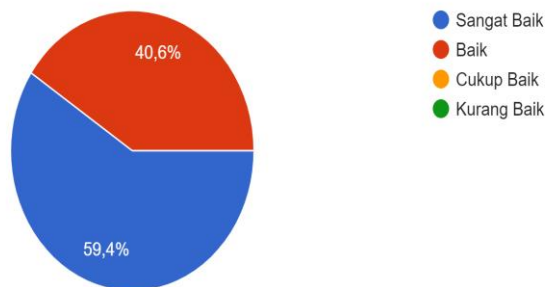


Figure 8. Committee Service

Based on this, it can be concluded that the committee's service during the activity to the training participants has been very good.

4. Consumption of Activities

At this point, the results of the 32-participant survey stated that 65.6% of respondents were very good, and 34.4% of respondents were good, 0% of respondents were sufficient, and there were 0% of respondents who answered not well.

Tersedianya Komsumsi/Snack pada Kegiatan Pelatihan
32 jawaban

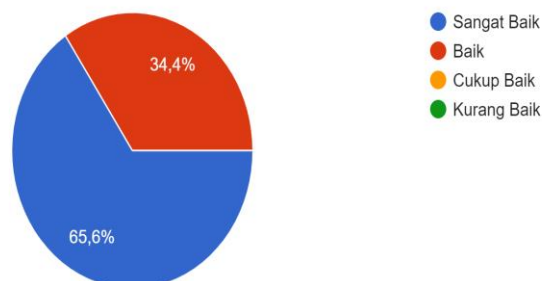


Figure 9. Consumption of Activities

Based on this, it can be concluded that the availability of consumption / snacks in training activities is very good.

5. Response Speed

At this point, the results of the Survey of 32 participants stated that 46.9% of respondents were very good, and 46.9% of respondents were good, 0% of respondents were sufficient, and there were 0% of respondents who answered not well

Kecepatan Respon dan Penyampaian Informasi Panitia kepada Peserta Pelatihan
32 jawaban

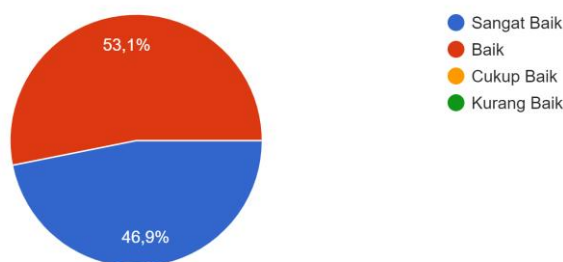


Figure 10. Response Speed

Based on this, it can be concluded that the speed of response and delivery of committee information to training participants is good.

CONCLUSION

The results of this training participant satisfaction survey will provide direct benefits, especially in improving the quality of activity implementation, besides that this survey is also useful as feedback or input to find out the shortcomings of the activity so that in the future it runs optimally.

In general, the evaluation results from the activity survey carried out showed input from participants who were already very good and appreciated the committee during the activity. Starting from the ability to master and deliver the resource person's material to the committee's service to participants during the activity. Participants from students are very enthusiastic about participating in the training because so far they still use bibliography citations manually, besides that it is very useful for final year students in completing the final project / thesis writing. Unlike the participants who come from among lecturers, this mendeley training is very much needed in conducting research and publication of their research works, and can conduct training independently to their students in their respective universities.

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