

STRENGTHENING COMPUTER APPLICATION CAPABILITIES FOR CIWARINGIN VILLAGE STAFF FOR EXCELLENT SERVICE

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Abstract

development in the city of Bogor programs must be able to be socialized to the government at the lowest level closest to the community, namely the village. In practice, there are often obstacles in the implementation of administrative development programs and services to the community in urban areas related to the unequal mastery of information technology, especially computers, so it is necessary to strengthen in the form of computer training activities for village staff. The objective to be achieved from the community partnership program (PKM) is to increase the mastery of computers for village staff who are the spearhead of regional development to improve the quality of public services to support development programs for the welfare of the community

Keywords: computer; community service.

I. INTRODUCTION

Ciwaringin Village is located on Jalan R.E. Martadinata No. 40 has an area of + 65 Ha is one of the villages located in the district of Central Bogor. Ciwaringin Urban Village is led by the current Lurah named Mr. Yayat Supriatna assisted by 6 staff and has 12 RW and 43 RT. The number of family heads is 1,997 households and the population density is 11,001.54 per kilometer [1].

Ciwaringin is one of the urban villages in Central Bogor Subdistrict located in the center of Bogor City and at the same time the center of government. In addition to the central government, this region is also the center of a rapidly growing economy, so that it can be an indicator of regional and economic development and progress. Improvement of Kelurahan services to the community to support the acceleration of development is one of them by mastering information technology.

Based on the meeting with the Lurah and on-site observations on August 3, 2018, information was obtained on several partner issues:

1. The utilization of computers by the village staff is only 1 person.
2. Coordination with RT / RW is routinely carried out, in making invitations letters are still made one by one not yet utilizing the RT / RW database.
3. Village budgeting and financial reporting have not been fully computerized automatically.

II. METHODS

The PKM activities in the Ciwaringin village are as follows [2]:

1. The timing and technical implementation of the activities are adjusted to the activities and service activities in Ciwaringin Village. It was decided that the activities would start on March 12, 2019, the implementation would be 2 (two) weeks, Tuesday and Friday 14.00 hours to 17.00 hours after community service hours so that the activities This does not interfere with community activities that require services in Ciwaringin Village. The number of meetings ended 14 (fourteen) times on May 10, 2019, the activity was postponed for 2 (two) weeks in April because activity in the Kelurahan was very crowded during the Presidential and Legislative Elections.
2. In the implementation of PKM involving Electrical Engineering Pakuan University students as many as 2 (two) people who help from the beginning of the preparation until the implementation of the activity, but at the time of the activity there are 10 (ten) students who take turns to accompany the trainees so that it is expected that the training material can be conveyed well, students can help trainees if participants have difficulties or have questions.
3. 10 (ten) trainees consisting of 6 village staff, 2 Family Welfare Empowerment (PKK), 1 Karang Taruna, and 1 Babinkamtibmas. In conducting the

training, each participant is given a training module that contains material accompanied by practice questions to measure the understanding of the training participants. Each participant was also facilitated by a laptop as a training facility, all of which with their electrical equipment was provided and installed by the PKM team assisted by students.



Figure. 1 Implementation of computer training

III. RESULTS AND DISCUSSION

Questionnaires were given before and after training to determine the percentage increase in outcomes. Participants' interpretations of the material provided, based on the questionnaire can be seen in the graphic image below

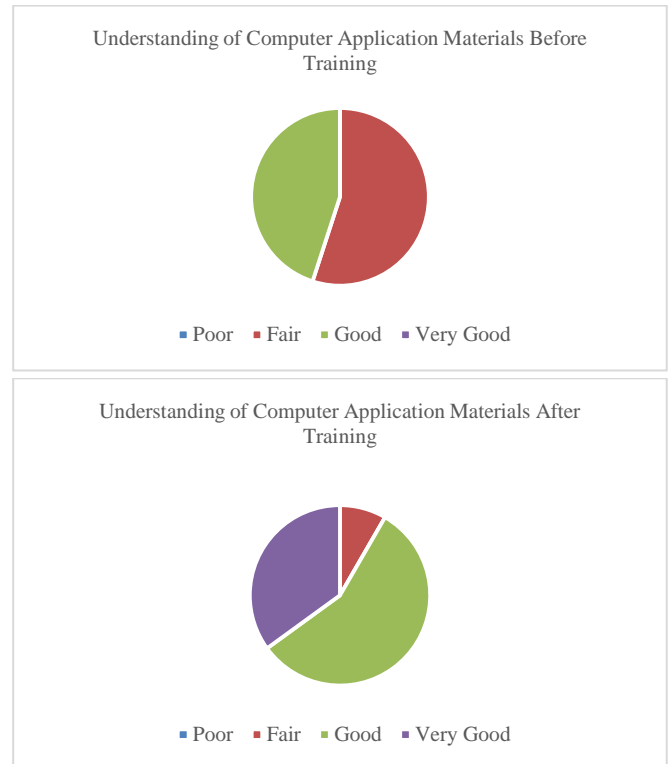


Figure. 2 Computer training results chart

On the graph it can be seen that the program's achievement of increasing computer capability can be achieved by shifting understanding of Fair to Good or Very Good, although there are still some points of material that are Fair or still constant, due to the level participants' understanding was not uniform, but overall the improvement was quite significant.

Participant's interpretation of the training material can be represented in percent scores based on the following interval table [3]

Table 1. Interval table

Percent Score	Category
0% - 24,99%	Poor
25% - 49,99%	Fair
50% - 74,99%	Good
75% - 100%	Very Good

As for finding the score using the % index formula [4]
 The formula index % = Total Score / Y x 100

Where Y= the highest score Likert x 10
 = 240 (highest score for Very Good items)

Score 1 = Poor; Score 2 = Less; Score 3 = Good; Score 4 = Very Good

- Score before training
 $147/240 \times 100 = 61.2\%$ (Being in the Good category)
- Score Value After Training
 $196/240 \times 100 = 81.6\%$ (Being in the Very Good category)

IV. CONCLUSION

With the implementation of Ciwaringin Village Staff Computer Application training can be concluded as follows:

1. There is an increase in the computer application capabilities of Ciwaringin Village staff from the Good to Very Good category
2. Increase the percentage score by 20.4% to increase the ability of computer applications in the Ciwaringin District staff
3. The implementation of PKM has not yet reached the stage of knowing the relationship between increasing the computer capabilities of Ciwaringin Kelurahan staff and Service Improvement for Ciwaringin Communities in Kelurahan.

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