FACE SHIELD MAKING TRAINING FOR PKK WOMEN IN THE VILLAGE OF BUGUL LOR PASURUAN

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Abstract: This article is the result of Community Service (PkM) at the Office of Religious Affairs (KUA) Panyangan District, Jambi City. KUA Panyangan as one of the public service agencies must be able to provide public servants, especially digital public services, which at this time have become a necessity for people in the digital era. One alternative form of service digitization is by applying the Quick Response Code (QR Code). The PkM team provided assistance to Panyangan KUA employees to utilize the QR Code in serving the community. By using the Asset Based Community Development (ABCD) method which has the principle that everything leads to the context of understanding and internalizing assets, potential, strength and utilization independently and maximally. The process of implementing this service activity is carried out by observation, socialization, discussion, mentoring, monitoring and evaluation. The results of this PkM program assistance show that KUA employees, as potential human resources, are able to adapt well to understand and even apply the QR Code in services. Not only the KUA, the community also gave a positive response to the use of QR Code in the current digital era.

Introduction
At the beginning of 2020 the world was shocked by the outbreak of the corona virus (Covid-19) which infected almost all countries in the world (WHO, 2020a). Especially in Indonesia, it has been almost 6 months since it was announced on March 2, 2020. Indonesia is one of the many countries in the world that has been affected by the outbreak of the corona virus (Covid-19). COVID 19 or the abbreviation for Corona Virus Disease 2019 is a new type of disease caused by a virus from the coronavirus group that can cause respiratory system disorders, ranging from mild symptoms such as the flu, to lung infections, such as pneumonia.

The spread of this corona virus is transmitted between humans very quickly and spread to dozens of countries including Indonesia even in just a few months. The Covid-19 pandemic does not only occur in big cities, but even on a small scale, such as in Bugul Lor Village, which is located in the Panggungrejo sub-district, Pasuruan City, East Java Province. This Coronavirus virus has contributed to making people feel insecure which has caused the impact of the pandemic to become more widespread. This is due to their lack of self-awareness to implement clean living and health protocols. Starting from washing hands, using masks, maintaining distance, and other health protocols. Of course this was done to prevent the spread of the Covid-19 pandemic. However, not a few among the public showed their indifference towards the Covid-19

pandemic. In fact, they are reluctant to implement the health protocol recommended by the government. This is what then becomes our attention together. Especially in Bugul Lor Village which is located in the Pargungrejo sub-district, Pasuruan City, East Java Province.

The Covid-19 pandemic will never end if there is no awareness and concern from all levels of society. Prevention and handling of this virus is of course not only the obligation of the government and medical personnel, but also our collective duty to always implement health protocols. The impact of the lack of public awareness and concern for the Covid 19 pandemic is still relatively low. Moreover, with the lack of correct and proper understanding of the transmission of Covid-19, the community itself is not disciplined in implementing health protocols. In fact, there are still many of our people who do not have self-awareness, making this virus increasingly increasing the number of patients exposed to it. Therefore, the public is required to comply with all preventive measures aimed at reducing and breaking the chain of the spread of the plague.

As for efforts to reduce and break the chain of the spread of this outbreak, RT 02 in Bugul Lor Village collaborated in the field of research and community empowerment with the Mathematics Education Study Program, Faculty of Pedagogy and Psychology, PGRI Wiranegara University, Pasuruan. One of the results of research conducted by the Mathematics Education Study Program in Bugul Lor Village found that the level of awareness of taking care of themselves during a pandemic was still low. Such as, the lack of implementing physical distancing, the use of masks, hand sanitizers, and other personal protective equipment. The results of this study indicate that there is a need to increase self-awareness within them by providing insight to training participants regarding the importance of PPE during a pandemic and making PPE training needed during a pandemic.

This service activity took the theme "Face Shield Making Training". This activity aims to increase the knowledge and skills of the community, especially RT/RW: 02/02 in Bugul Lor Village, Bugul Lor Village, Pargungrejo District, Pasuruan City, East Java Province in making face shields. It is hoped that this training can also encourage RT 02 in Bugul Lor Village to develop their creativity and also raise awareness within them of how important PPE is during a pandemic so that we can achieve our shared aspirations to quickly get rid of this pandemic.

Method

This activity is a collaboration between the Mathematics Education Study Program, Faculty of Pedagogy and Psychology, PGRI Wiranegara University Pasuruan and RT 02 in Bugul Lor village, Pargungrejo District, Pasuruan City, East Java Province. The activity was carried out in August 2020. Community empowerment activities were carried out using the training method. The training conducted was training in making face shields. This training activity was

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8 Maya Sari Dewi, “FACE SHIELD 1 WUJUD IBU DAN REMAJA KREATIF, SEHAT DAN BERKUALITAS DI ERA COVID-19,” n.d.
10 Muhammad Arwari, “Training On Making Face Shields That Are Easy And Economical As A Tool To Protect Themselves From Covid-19,” 2021, 144–47.
carried out by female students at the Mathematics Education Study Program, Faculty of Pedagogy and Psychology, PGRI Wiranegara University Pasuruan. The training activity was attended by 10 PKK RT/RW: 02/02 who lived in Bugul Lor Village.

The stages in implementing activities consist of preparation for activities, implementation of activities, monitoring and evaluation, and preparation of activity reports. In carrying out the activity, the method used is the demonstration method. During the activity, the implementation team observed and recorded the responses of the training participants. The trainees were also given the opportunity to practice making face shields. The data collected was processed and analyzed descriptively.

Result and Discussion

The initial step taken in the implementation of this activity is the preparation of the activity design. After that, the activity is continued with product trials. The product trials carried out were trials in the manufacture of face shields. Through product trials, the implementation team hopes to find tricks and methods that are suitable for use in training activities. An overview of product trial activities can be seen in Figure 1.

Figure 1. Test product manufacture

The implementation team also coordinated the location of the training activities with the local RT, especially RT/RW: 02/02 in Bugul Lor Village, Panggunrejo District, Pasuruan City, East Java Province. In addition, the implementing team prepares and sets up the tools and materials that will be used to carry out training activities. The results of coordination with RT 02 in Bugul Lor Village became material for the implementation team’s consideration in improving

the design of training activities. After that, the implementing team prepared training materials, materials, and also the tools needed for the implementation of training activities.

As a form of concern for residents of RT/RW: 02/02 Bugul Lor Kelurahan for the spread of covid-19 which is increasing day by day causing anxiety to residents in carrying out their activities, this PGRI Wiranegara Pasuruan University student created a program on preventing covid-19 as well as understanding about new normal accompanied by training on making face shields as simple PPE. This training aims to increase the creativity of the community to make simple PPE, namely face shields. Because in Bugul Lor Village it is still difficult to find face shields, so with this training the target community can make face shields at home with easy materials obtained. Thus, training activities for making face shields can be a solution to create awareness in every citizen of the importance of PPE, namely face shields in this new normal era, reducing the risk of spreading Covid-19, and creating a healthy and prosperous society.

Before carrying out core activities, don't forget to pay attention to the health protocol in the form of checking body temperature, giving hand sanitizer and ensuring residents use masks properly. Pictures of checking body temperature, administering hand sanitizer and ensuring residents use masks properly can be seen in figure 2.

![Figure 2. Checking body temperature](image1)

![Figure 3. administering hand sanitizer, and ensuring residents use masks properly](image2)

After that, the material that will be delivered in the training activities is material about making face shields. On the sidelines of the presentation of the material, there was an opportunity to ask questions and answers about the importance of the PPE. After the question and answer session was over, the implementation team presented the tools and materials needed to make face shields. After that, the implementation team demonstrated how to make a face shield by showing a video tutorial on how to make a face shield. After observing the video and being able to understand the manufacturing process through the video shown, then assisted in making face shields. After that, each trainee was asked to try to make a face shield.

To make a face shield, tools and materials must be prepared. The tools needed to make a face shield are scissors, cutter, ruler, glue gun, staples. The materials needed to make a face shield are sheet foam, mica plastic with a thickness of 0.3 mm, rubber, stickers. Pictures of tools and materials can be seen in Figure 3.
The steps involved in making a face shield are as follows: 1) Prepare tools and materials, (2) prepare foam that is as thick as needed with a length of 30 cm and a width of 3 cm. then cut it according to the size you want, (3) make a pattern with manila paper, (4) prepare the pattern that has been made to measure mica plastic. Then cut according to the pattern. Remove the remaining markers on the mica so that it is clean and neat, (5) Prepare a rubber for the headband (medium size). Cut a length of 30cm for 1 face shield. Then burn a little on both ends so that the threads on the rope do not come off. (6) Prepare mica plastic. Then take the rubber and staple the ends. After that take the sponge that has been cut. Attach it to the mica plastic using glue, (7) Paste the Sticker. The implementation of face shield training can be seen in Figure 4.

This activity received a positive response from the training participants. This can be seen from the expressions shown by the participants during the activity. The training participants were enthusiastic in participating in a series of training activities. At first, the participants underestimated PPE\(^\text{19}\) those used during this pandemic, especially face shields. Even the participants did not know how important it was to take care of themselves during this pandemic. Such as implementing physical distancing, using masks, hand sanitizers and other personal protective equipment.

Each trainee tries to make a face shield. After the activity was carried out, the training participants had good knowledge about the importance of taking care of themselves during this pandemic. Like using a face shield for activities outside the home. In addition, trainees are also able to make their own face shields which are safe and economical to use.

**Conclusion**

The material presented in the training activities is material on making face shields. The implementation team presented the tools and materials needed and demonstrated how to make a

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\(^{19}\) Windirah, Romdhon, and Ernis, “Pelatihan Pembuatan Face Shields Bagi Masyarakat Di Kecamatan Sukaraja Kabupaten Seluma.”

face shield. Each trainee was asked to try to make a face shield. This activity received a positive response and was able to increase the knowledge and skills of the trainees in making face shields. This activity can be continued with the training participants making their own safe and economical face shields at their respective homes so that our shared aspirations are created to quickly get rid of this pandemic. Thus there is no concern in the community in all aspects.

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