

TRAINING IN THE PROCESSING OF WASTE PAPER INTO RECYCLED PAPER WITH SELLING VALUE

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Abstract

The community service was carried out on July 20 2020, the location of the activity was the East Nagahuta Village Head Office, Jl. IN Panjaitan Kelurahan No. 45, Nagahuta Timur, Siantar Marimbun District, Pematang Siantar City, North Sumatra, 2114. This recycled paper can also be used to make various handicrafts that can be made by people who have creative values and an artistic spirit. Products made from recycled paper can be used as home decoration knick-knacks, stationery and office supplies, and unique and creative multi-purpose containers can be made that housewives are interested in. In addition, they can be used for craft assignments for students and school students. . Paper waste management certainly requires more attention,

Keywords : Paper Waste, Recycling, Selling Value

INTRODUCTION

Paper is one of the most common wastes produced by humans, this paper waste is often found in household activities as well as offices and schools. Processing recycling of paper can add many advantages including being able to reduce waste in the environment, save energy, reduce the impact of global warming and can also generate income. In household activities, there are many activities that produce paper and even newsprint, unused children's books and other items that can be used as raw materials that can be used. This recycled paper can be useful and worth selling because it is currently quite popular in the market. This recycled paper can also be used to make various handicraft products that can be made by people who have creative values and an artistic spirit. Products made from recycled paper can be used as home decoration knick-knacks, stationery and office supplies, and unique and creative multi-purpose containers can be made that housewives are interested in. In addition, they can be used for craft assignments for students and school students. In addition, paper waste is also very easy to find, even at home it can be seen such as unused children's books, used wrapping paper, newspapers, old magazines and others that can be used or actually can be reprocessed and add value to used goods. that was. This paper waste problem certainly requires extra attention to be resolved. Paper waste management certainly requires more attention, this can be overcome by efforts to reduce it by converting paper waste into recycled paper which has a selling value and is useful.

IMPLEMENTATION METHOD

1. Target population.

PKK members of Nagahuta Timur Village were voluntarily invited to attend seminars and training on Processing Waste Paper into Recycled Paper with Resale Value, this activity is both

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educational and at the same time provides training. The target number of participants in the activity is 25 people.

2. Brochure

The brochure will contain information on management knowledge regarding paper waste and there are steps for making/processing paper that was initially not useful into recycled paper that has sales value.

3. Counseling Methods in the Form of Education

Counseling on paper waste processing which is also training is carried out by presenting the material in a powerpoint slide. The material presented included information about paper waste and how to deal with it. Then proceed with training on processing waste paper into recycled paper. Give the steps of manufacture and practice processing directly. The success parameters of this community service activity can be seen at the end of the activity, namely:

1. The activity participants attended and participated in the training from the beginning to the end of the event.
2. The activity participants were actively involved in the training and put into practice what they had been trained on.

RESULTS AND DISCUSSION

The training activities for processing waste paper into recycled paper in the East Nagahuta Village can be said to be successful, this can be seen from the enthusiasm of the activity participants when the training was carried out. In addition, according to the participants' confessions that they did not think that the ordinary paper waste they had at home could be reprocessed even without large capital but could add value to paper files. The background to the implementation of this training was the concern of Efarina Siantar University Lecturers, especially the Faculty of Economics Lecturer as the executor of activities to educate about current waste reduction. Invite participants to participate in environmental sustainability, especially in 3R activities, namely Reduce, Reuse, and Recycle. In this training activity, in addition to material regarding the environment and expectations for caring for the environment, the resource persons also provided training on how to make recycled paper. Participants were told the materials and equipment they usually use, namely materials they often find at home, such as used paper (in the example HVS/A4 paper), wood glue and water. Besides that, tools such as buckets/basins, belnder, plywood and screens (paper printers). Then proceed with the process/work steps which include cutting the paper into small pieces and then soaking it overnight, then soaking the paper in a blender so that it becomes softer and resembles paper pulp. Next prepare a basin that has been filled with water and mix the paper pulp earlier then add the wood glue, stir until evenly distributed and well mixed. Prepare screen for printing paper, flatten and press to reduce water content. Then, we stick the paper prints on the plywood provided, dry them for 4-6 hours under the sun until they dry and you can get recycled paper.

Participants in the activity practiced making recycled paper themselves, several groups successfully carried out experiments. Results are checked after one day of manufacture as the drying process requires sufficient sunlight for the recycled paper to dry and be usable. Through this

activity, it is hoped that the participants will be able to try it themselves, and even try to make this a form of concern for the environment and if it is continued and continues to be developed it can provide a selling point for used paper so as to increase the independence of PKK mothers.

CONCLUSION

1. This activity can educate participants about concern for the environment, as well as processing waste paper and participating in reducing paper waste.
2. This activity can provide motivation for participants to try their hand at making recycled paper, the raw material used is
3. It is hoped that this activity can be developed so that the recycled paper that has been made can have a sale value as a raw material for making various creations made from recycled paper so as to increase the independence of the PKK women participating in the activity.

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Hendri Mayanta, Romauli Pakpahan, Maswan

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4

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