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Utilization of waste fabric as a learning media to grow students' entrepreneurial soul

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ABSTRACT

The problem of the study is a lack of information about waste management, as well as a lack of entrepreneurial spirit. The purpose of this research is to foster an entrepreneurial spirit and to foster the development of an entrepreneurial spirit. Respondents were FKIP Universitas PGRI Palembang students. The descriptive technique was utilized. The debate analysis approach may be used to integrate research analysis in the context of this subject on how to generate creative goods from patchwork trash. Documentation, questionnaires, and interviews are used to collect data. The results revealed that (a) utilizing patchwork waste is a form of concern for the surrounding environment; (b) providing learning media by utilizing patchwork waste is a learning designed to increase students' motivation and entrepreneurial spirit; and (c) good implementation from planning to processing to marketing and preserving has obstacles and challenges, specifically how students are consistent with the products made and increase creativity in processing. This study provides an alternative media on growing students' entrepreneurship skill.



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Introduction

Indonesia, a country with a dense population, confronts a number of issues, particularly in terms of trash or rubbish. The government must resolve the issue as soon as possible, and the local government must take measures to alleviate the area's garbage problem. As a youthful generation, we must be ready to seize the moment, even if it is only trash, since trash can be a blessing and a starting capital to create with waste into unique things. Based on research (Fitriyani, G, 2019) waste generated by growth needs immediate care, particularly from the government. In dealing with these issues, the government of Bandar Lampung City made efforts to overcome them, one of which was the issuance of the Bandar Lampung City Regional Regulation Number 05 Years 2015 concerning Waste Management, which established regional regulations to regulate how to manage waste in order to solve the waste problem, and what is happening in Bandar Lampung City requires innovation into creative products.

Furthermore, according to (Purbadi, Y.D & Lake R.C, 2019) waste management in Karangwaru Riverside as a village-city has the potential to be developed further with the concept of a creative pilot village of waste management based on local potential, community participation, creative economy, environmentally friendly

green development, and digital economy support. Meanwhile, based on research (Habibah, E., Novianti, F., & Saputra, H, 2020) according to data from the Departments of Public Works, Housing and Energy, and Mineral Resources, the volume of garbage increased from 2015 to 2018. To combat the waste problem, government laws have been put in place, and many initiatives have even been developed. However, the reality on the ground did not match the government's objectives or intentions. Yogyakarta's waste management system is inadequate. Some of the contributing variables include government regulations that are not completely understood, a culture of waste care and public awareness that is still low, and inadequate dumping facilities.

This study is motivated by (Conilie et al., 2021) in general, all human activities generate garbage. Excessive trash production may cause environmental difficulties, particularly inorganic garbage, which takes a long time to disintegrate and cannot even be degraded organically by nature. The findings suggest that in an effort to reduce home trash, plastic and fabric waste may be turned into a variety of items with economic value. If you have any questions, please do not hesitate to contact us. Many fashion and souvenir items contain all plastic and cans.

Further research (Rathinamoorthy, 2018) Springer, Singapore, if you want to learn more about Mathematics, you must first learn more about Mathematics. This is due to the fact that departures can be a combination of things that can be added to the product as well as the limbo. Fabrics account for around half of garment expenses and are a significant factor to garment costs. The works of this prison were employed for the objective of influencing enterprises so that they might be used for replication. As the globe becomes more ecologically friendly and sustainable, the fashion and garment industries are following suit, generating organic materials. This penalty is intended to encourage the recycling of discarded fabric into fiber. There is still more effort to be done to lower the risk of seizures. Furthermore, they supply items with the help of some waste revenue and make it possible to spice up trash management and disposal.

Based on research (Arico&Jayanthi, 2018) further evaluation results were also recorded, as were some practical benefits obtained by mothers in Kuala Langsa Village, namely clear and complete information about the essence of community empowerment in terms of knowledge and skills. The following phase is support in processing plastic trash into a product to obtain quality standards, both in terms of quality and quantity of product quality and quantity, as well as program assessment to determine how far the program benefits women in Kuala Langsa village. Then the results (Hartiningrum et al., 2021) this activity takes the shape of 1) student counseling and knowledge of entrepreneurship, 2) product manufacturing practice and help, and 3) monitoring and assessment. As a consequence of these exercises, students may turn patchwork trash into one-of-a-kind items such as 1) brooches, 2) key chains, 3) tablecloths, and other creative products with selling points. It is believed that this exercise would inspire students' entrepreneurial spirit while also minimizing ad hoc trash and transforming it into a more usable product.

The penitentiary (Thompson et al., 2013) is Nigeria's largest pennant and one of the most popular enterprises in the country. In this way, in the long term, we will be able to make the most of the penguins and chemistry of the lingual and professional professions of the global economy and the economy of some very much. First and foremost, you will be able to study this program and commence a solution; nevertheless, the solution will be extremely straightforward and professional, utilizing a number of terms that will make you feel better and more effective. Please do not hesitate to contact me if you have any queries. Furthermore, the Nigerian government and commercial organizations should encourage entrepreneurial education in Nigeria through investing.

Further research (Septiawati et al., 2019) using community garbage to sharpen creativity that is worth selling among students and the larger community, bringing up economic opportunities to increase community welfare and teach students' entrepreneurial spirit. This activity employs the Strength, Weakness, Opportunity, and Threat approaches for issue identification and resolution. The activity's execution is separated into two stages: design and craftsmanship. This activity is excellent for student business chances; consequently, assistance with business continuity is critical, given the possibility for big business growth based on sales performance and consumer demand/interest.

Furthermore, based on research (Munir et al., 2021) marketable and aesthetically pleasing items This service activity works with the PKK Ormas in Bugel village, Kedung district, and Jepara district to recycle patchwork trash into goods that have a market value and are helpful in everyday life, such as masks, tissue holders, and mask connectors, among other things. create awareness and concern for PKK Ormas about the presence of inorganic trash in the environment, particularly patchwork, and train creative women in the processing of patchwork waste into items with a market value so that they may support the family economy. Based on research (Fitria, S., & Yustisya, P.Z, 2021) environmental challenges have recently risen to the

forefront of the international community's attention. Batik, which is also one of Indonesia's cultural and economic assets, has significant potential in the worldwide market by standardizing the 'environmentally friendly' designation. As a result, increasing the standardization of the batik industry's quality must be improved in order to achieve a 'environmentally friendly' label.

In addition, there is also a panelist (Sugiharto, DYP, & Kusumandari, 2016) Vocational Goats and Vocational Carpentry. In this country Gemawang, Communities Learning Center (CLC) Media Gema Alam Gemawang village, education Semarang Regency Package A, B, and C, with 111 fingers. Young Entrepreneur Group There are 14 rice fields growing in accordance with the wealth of Gemawang village. Example: Implementation of this program includes changes to the program, each village implements its own regional pokesan development program, and the program will be updated soon. Based on the results from (Rizos, V., Behrens, A., Van der Gaast, W., Hofman, E., Ioannou, A., Kafyeke, T., & Topi, 2016) Several supporting factors that helped the adoption of circular economy practices were identified, that although various policy instruments were available to help ukam incorporate the principles of circular economy into the bus model. Penalties will be extended to Europe and other countries to focus on their preferred preferences for consoles, market value chains and corporate culture, and support the penguin business model in the SME. These are just some of the goal setting shareware that you can use.

Creating creativity for the younger generation by utilizing waste is also a solution to create a safe environment, maintain sustainability and apply local wisdom and teach to use everything as a new capital for creative thinking. (Lestari & Masnunah, 2019) "Suggestions were given so that students are more motivated again to entrepreneurship, because the benefits could be very large and promising, students could become young entrepreneurs who are creative and innovative".

The problem of the study is the lack of knowledge about waste management and the lack of entrepreneurial spirit. This study aims to create the Entrepreneurial Spirit of FKIP Students, PGRI Palembang University in the utilization of patchwork waste. With this study, it can educate and grow the entrepreneurial spirit of students to become young entrepreneurs. textile waste utilization for students, particularly those who have obtained social education or recycling waste skills, because the use of textile waste can draw the attention of others, particularly those who can develop new goods. This is in line with the opinion (Astuti, 2012) that globalization and innovation via creativity Using garbage is a global problem with limitless global concerns. Then according to (Suryani, H., Dirawan, G. D., Tahmir, S., & Yahya, M, 2017) patchwork craftsmen in Makassar City have been making patchwork goods from discarded textile industry trash for years and from generation to generation. The main differences between the two types of items are the themes and colors used, the stitching techniques used, and the neatness with which they are finished. As a result, the finished products of these handicrafts have no monetary value.

Studies conducted by (Masnunah, Lestari, N. D, & Aradea, 2020) regarding the Utilization of South Sumatran Traditional Cloth Waste as Entrepreneurship Learning Media show that there is motivation and the growth of an entrepreneurial spirit in students. Someone who has an entrepreneurial spirit must be forged with these activities based on research (Vatankhah & Moghaddam, 2015) entrepreneurial spirit is seen in students who carry out cooperative activities, namely as cooperative members so that cooperative members have more courageous behavior taking risks and creativity. Also the average creativity of students who take entrepreneurship courses is more than other students. Training classes, entrepreneurship workshops and encouraging students to join agricultural cooperatives will increase students' entrepreneurial spirit for entrepreneurship.

Waste is resulting from activities, some waste can be recycled, some cannot be reused. Patchwork waste is inorganic waste or solid waste. According to (Lestari & Toyib, 2017) Solid waste, for example, waste from the environment, namely waste paper, cardboard, cloth, egg shells, plastic waste, plant seeds such as rubber seeds, palm oil, salak seeds and motorcycle tire waste. The waste is easy to get and find around where we live. Based on a literature survey (Ahmad & Danish, 2018). The prospect of future waste research has a significant impact on future research strategies.

Utilization of environmental waste can also be Effective towards a Cleaner Environment based on research (Doifode & Matani, 2015) It is estimated that 60 percent of all hazardous industrial waste in the United States is disposed of by a method called well injection. in. With this technique, wastewater is injected into wells located in a type of rock formation that keeps the effluent isolated from groundwater and surface water. Other underground burial methods are also used for hazardous industrial waste and other types of hazardous waste. Hazardous waste is disposed of in specially designed landfills and incinerators. This paper highlights the various sources of industrial waste and their consequences for environmental damage, this paper also highlights the latest developments in the utilization of industrial waste in various parts of the world.

Furthermore, based on research (Mair et al., 2012). Change the typology of social entrepreneurship model. This theologian will help you to understand the modalities that can be understood: social, economic, humanitarian, and political. However, we also want to make it easier for the model to become more sophisticated in its own right, with logical representations that are more likely to be made by a penguin or a non-profit organization. Penalty Innovation as a process of turning opportunities into complex ideas or ideas but can also be a simple idea as long as its manufacture seeks to change the new one for the better so that it can and is worth selling. Innovative advocacy is a key characteristic of an entrepreneurial business that affects business performance (Hadiyati, 2012). Meanwhile, according to (Bishop, 2016) Innovation has four main aspects of innovation which include collaboration, ideas, implementation, and value creation. Explore these aspects from different perspectives influenced by diverse technical or business backgrounds. In addition, we will discuss the impact and importance of innovation on society, technology, the entrepreneurial technology industry and education.

According to (Arsyad, 2014) that the use of learning media in the teaching and learning process can generate new desires and interests, generate motivation and stimulation of teaching activities, and even affect the psychological influence on students. Next based on the results of other studies that learning media are very useful for motivating entrepreneurship (Syuraini& Yolanda, 2019) the learning media used by tutors in the learning process at PKBM FarillaIlmi really attracts the attention of the learning community. This study has a population of 60 students from Package C equivalent to high school. While the sample is 30 people who are following the research target using a classified random sampling technique so that it is representative in representing each class. The results of this study are in accordance with the expectations of researchers in the introduction about the success of the Package C program in achieving high scores on the subject of Entrepreneurship. Meanwhile (Hamdani, 2017) Association Of Education And Communication Technology (AECT) says that learning media are everything that is used to convey learning messages. Based on the above opinion, it can be concluded that the use of cloth waste as a learning medium to foster an entrepreneurial spirit is as a form of creative ideas in utilizing cloth waste as a quality use value that is worthy of being sold.

Method

The descriptive study approach was utilized, including questionnaire analysis utilizing the word analysis method. The method of discussion analysis on how to make creative products from patchwork waste, which is a participatory action study, can be combined with research analysis in the context of this question, namely to improve the quality and creativity of production by training and assisting in mixing and matching techniques and materials, as well as improving the soul creative students. The entire population consisted of 210 students from the Accounting education study program at FKIP Universitas PGRI Palembang, whereas the research sample consisted of just 36 students from the 5th semester who did the Entrepreneurship Study and Practice Course. This study employed phases.

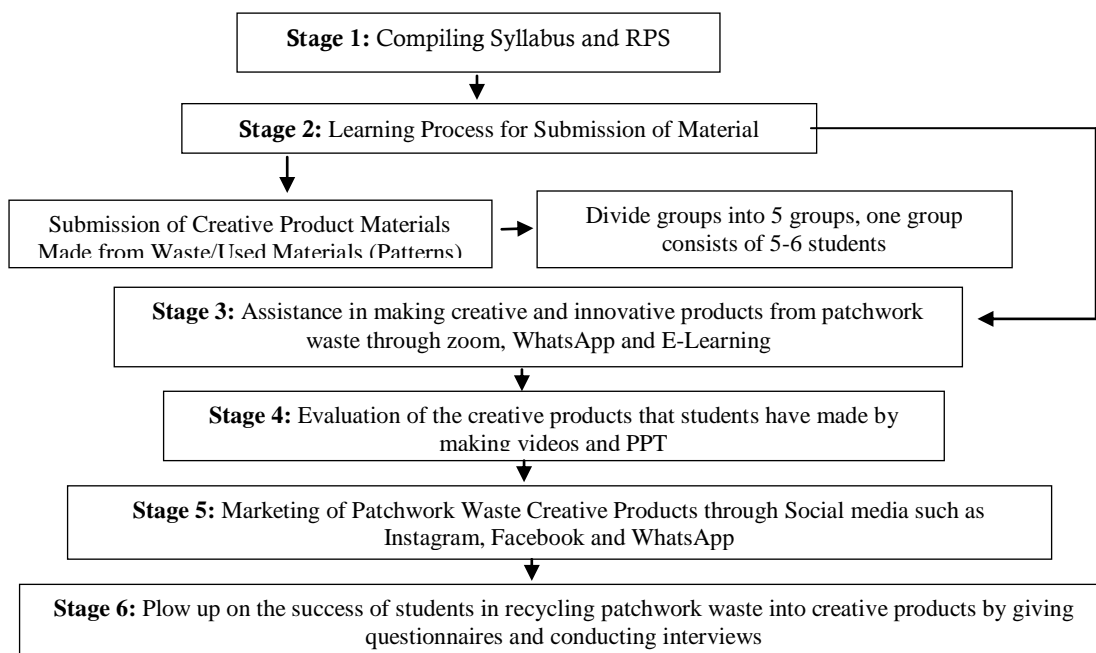


Figure 1. Research Flowchart

Technically, data documentation and information may all be used to create the data. Documentation that can be done on a shoestring budget, such as Syllabus, RPS, Studio and Student Entrepreneurship Practices Study Results, Photos of inventive goods, and videos on how to manufacture innovative things from patchwork trash. Please contribute to the improvement of this page or section by extending it. If you want to keep track of the procedures and issues that need to be tracked, use these guidelines to help you get the most out of your business. Techniques are created by comprehensive technical explanations that include views.

Percentage analytics is used to analyze research data. The calculation results in percentages are interpreted using the criterion table for the degree of Fabric Waste Utilization, which is then expressed using qualitative phrases. See the table for instructions on how to write a review for a pencil handle. Penalties can be calculated at different intervals (Azwar, 2014).

Results and Discussions

Waste is relatively simple to collect, and we must manage or use it in order to protect the environment. Textile or patchwork waste is very easy to obtain; students can find it at tailors, where it is sometimes not recycled but is thrown away or burned, despite the fact that textile waste can be used as a learning medium as a material for creating creative and innovative products such as souvenirs, accessories, places pencils, bags, wallets, and so on. Although these raw resources are readily available, many people are unable to use them owing to a variety of circumstances, including laziness and a lack of awareness of how to process or create garbage into creative goods. The table below contains student statements about the usage of patchwork trash as a medium for entrepreneurship learning.

Table 1. Percentage Of Student Statement Result Conclusion

No	Indicator	%	Desciptoion
1	Product Design	79.63	Very High
2	Processing Products	90.93	Very High
3	Product Marketing	60.83	Height
4	Product Development	73.06	Height
5	Preserving, Maintaining Product/Spirit	75.28	Very High
		71.95	Height
6	Creating an Entrepreneurial Spirit	84.20	Very High
	Average	73.69	Height

According to the table above, product design is 79.63 percent in the very high category, product processing is 90.93 percent in the very high category, product marketing is 60.83 percent in the high category, product development is 73.06 percent in the high category, and product preservation, maintenance is 75.28 percent in the very high category. The height category accounts for 71.95 percent of the total for the five indicators. Meanwhile, in the Very High category, the indicator for the development of an enterprising spirit is 84.20 percent. It can be concluded that the percentage of the six indicators of designing products, marketing products, developing products, preserving, maintaining, and realizing an entrepreneurial spirit has an average value of 73.69 percent in the high category, indicating that the use of patchwork waste as a learning medium can generate entrepreneurial spirit in students of the Accounting Education Study Program, FKIP University, PGRI Palembang. The greatest diagrams for promoting various items may be created by developing creative media that is new in terms of learning and practice.

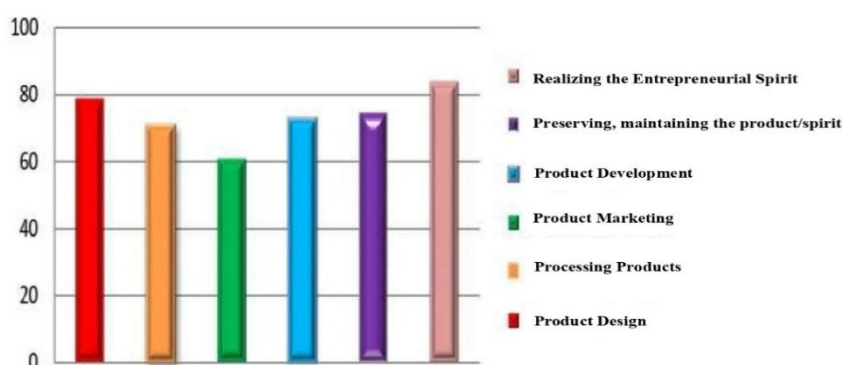


Figure 2. Persistence of People Patchwork Waste as Learning Media

The indicator of the entrepreneurial spirit to motivate oneself has a very high response rate of 84.20 percent. The following is a discussion of the research findings on each indicator, namely; designing products, processing products, marketing products, developing products, developing products, processing products, marketing products, developing products, preserving, maintaining products, student responses in their statements do not experience difficulties.

Product Design

Product design may be defined as the practice of explaining the process of thinking, developing, and repeating goods that address user issues or satisfy spatial demands in a certain market. Students who design goods have a tough time coming up with ideas, but once they do, they are lethargic in developing things, particularly raw resources to manufacture katifat products.

Be aware that some students concluded that creating a product must have a waste utilization that will be made into a product that must be safe and easy to use, as well as the look of the product must be distinctive and attractive so that it becomes a tough to maintain product. Also, if you want to get rid of unnecessary clutter, you just need to be more selective in your assistance to others. Make a brand name out of products, quality control, and other items to keep track of the things you're looking for so you can locate them quickly.

Processing Products

Students in the beginning of processing are fairly tough because of the difficulty in the level of neatness in processing creative goods, notably making quality products, having to process every day if there is an order, and the cohesion of the team in processing the problem. The distance between where students reside during the epidemic and how tough it is to recycle failing items since new innovations must be offered

Based on interviews with numerous students, it was discovered that there must be supports, including Natural Resources, Human Resources, Capital Resources, and Expertise, in order to provide value to a product or service. (1) Natural resources are everything offered by nature that humans may use to attain prosperity, such as the natural environment, land, and the richness contained in the soil. Minerals and other mining materials in the form of fabric waste are one of these natural resources; (2) Human Resources are also one of the components that promote the success of the manufacturing process, as they are the capacity (power) or human effort in the form of physical and spiritual work that is utilized to expand the usage of an item. Separation may be used to improve the quality of human existence and make it simpler for consumers to get the most out of their products and services. (3) Materials Capital, which is a tool or finished items, will be utilized as a method to make things, and this capital must be owned by producers or students as firm owners, rather than urab. Students get the majority of their capital in the form of product tools such as buildings, machinery, and basic materials required in manufacturing processes that they already own. (4) Some of them are based on the fact that we have a lot of elements in the manufacturing process, but we also have to paint separately in order to improve the product's quality. Students describe some of the abilities they have gained via entrepreneurship learning, such as planning, organizing, acting, and regulating. This article or section requires sources or references from reputable third-party publications. These are only a few examples of information and data that may be used in business. Some types of information include forecasts of future market circumstances, statistics, economic information, individual expertise, and so on.

Product Marketing

According to information from several students, there were positive and negative responses from selling the products they made, particularly in the neatness of producing materials, but the people who bought were very responsive to entrepreneurship activities by utilizing cloth waste, the community stated that the students' work was very creative and motivated the community to recycle fabrics into unique and interesting products. We propose utilizing this product to build a product that will help you feel better if you want to generate items online that specialize in responding emotionally to the newest challenges in the country.

According to the researcher's interviews with several students, they said that when they did marketing, they used several concepts such as (1) production. We, as marketers, must be aware of the items that are in high demand among customers at the time. Direct observations should be made in the field. Look at the costs that are being offered on the market as well. This may be used to plan what items the firm will manufacture in the future. (2) merchandise Customers will appreciate high-quality merchandise. As a result, it is vital to increase the product's quality. Create items that are of higher quality than those of other firms. Produce items that are distinct and distinct from rivals. This will be a unique characteristic of our products. As a result, it is intended that consumers would become more interested in the things we produce. (3) Revenue, one aspect of sales is promotion. This activity is carried out in order to introduce consumers to our products. If required, provide bonuses to purchasers who meet certain criteria. This, of course, can entice customers to visit our establishment. (4) Promotion, this notion follows on from the sales concept. The primary goal of marketing

efforts is to meet market demands. In this instance, customer satisfaction with the product is highly important. If we are able to satisfy client wishes, we are said to have effectively met market needs.

Product Development

Product development is comprised of distinguishable items, particularly those with access to a diverse range of accessories, such as long-lasting textile products that may be utilized in a variety of sectors. Many of the children claimed that recycling textile waste was a lot of fun, as well as painting, because throwing away garments was not only bad for the environment, but also bad for society. Students have gained a wealth of entrepreneurial skills by recycling textiles, reusing them, or using them to lower the cost of acquiring materials to create unique goods. Ribbons, headbands, earrings, bracelets, and other distinctive features can be found there.

Learn more about some students' perspectives on developing the products that they create. Students stated that during the product development process, they usually choose to develop new products to replace the old ones. Please again in a few minutes. It is crucial to highlight, however, that items that are not available to the public, such as analytics, should be included in the list of products that are not available at all. If you have any questions, please contact us as soon as possible, and keep up the excellent work. If you are searching for a product that can be launched and made available, we may want to ensure that the product's content is relevant to the product.

Strategies are also available not just for the technique of combining items, but also for the method of combining products. If the product does not have the same design as the peritian consoles or the menace consoles bar, this method might be applied. To get the most out of the best strategies you can use to get the most out of it; (1) Strategies in this field are vital, but not only in the case of the product, but also in the product's quality. And (3) Product style enhancement approach, which refers to boosting the display value of a product by factors such as selecting the proper color, good design, and appealing packaging.

Preserving, maintaining the product/spirit

Preserving the archipelago's originality by minimizing fabric waste via creative and inventive items tailored to the distinctiveness of each location, while indirectly presenting the archipelago to the rest of the world through souvenir products. Students acknowledged their appreciation for the diversity that exists in Indonesia as a result of this recycling project, and they were more driven to conserve it.

Based on interviews with various students on how to maintain and preserve the goods they manufacture, some (1) teach the products we have made to others; by teaching our products to others, more and more people will be aware of our own products as well as products made by others. As a result, they and others will be more informed about the nation's culture's native items. (2) We may use social media to upload images or videos of our items; by doing so, we have indirectly promoted our products to other areas and even beyond. This is due to the fact that those who use social media or the internet are not restricted to Indonesians, but to people all over the world, particularly items manufactured by students utilizing patchwork with features of Indonesian textiles like as songket, batik, and jumputan. Although foreign textiles are deemed more current and trendy, Indonesian materials are as suitable for introduction. If foreign textiles are like that, Indonesian culture is diverse. Apart from avoiding being influenced by other materials, we should still study foreign fabrics or civilizations, rather than just choosing and discarding our own cultural identity.

Realizing the Entrepreneurial Spirit

Some students say that the entrepreneurial spirit has begun to form and is eager to become an entrepreneur during the learning process of study and practice of entrepreneurship. Students sense the desire to become entrepreneurs from an early age, especially with the usage of textile waste, which does not take a lot of cash to process. If pupils fail later, they will endeavor to stand up and be disciplined as entrepreneurs, according to the philosophy of never giving up. The public can welcome and buy items manufactured by students of the Accounting Education Study Program, FKIP University, PGRI Palembang.

According to the results of the researcher's interviews with numerous students, they saw the definition of entrepreneurship as emanating from the spirit or within oneself, not from force but from reality or direct practice. Students demonstrate entrepreneurial traits via direct experience with five patchwork fabrics that are turned into creative items, namely; (1) having a sense of responsibility for the business he performs. Introspection, being a part of someone who is in charge of this, and (2) entrepreneurs favor modest risk. In the sense of not picking those with too little or too much risk, (3) having faith that they would be successful, (4) constantly desiring immediate feedback, (5) working hard and enthusiastically to fulfill their ambitions, and (6) having perspective and insight. far ahead, (7) possess abilities in arranging resources to generate additional value, and (8) place a higher priority on success than money.

Conclusions

Based on the findings and discussion, the following conclusions were reached: (a) Utilization of patchwork trash is a type of environmental concern. (b) The distribution of learning media made from repurposed materials is a learning strategy devised by researchers to improve students' motivation and entrepreneurial spirit. (c) Good implementation has hurdles and problems, such as how students are consistent with the goods created and improve creativity in processing creative items, from planning to processing to marketing and preserving. Based on the above arguments, (a) students must be confidence in their abilities to create innovative things from around environmental garbage, particularly patchwork waste. To build an entrepreneurial mentality, self-confidence must be nurtured. (b) Educators must be able to think imaginatively about how to use environmental waste, such as in this study, where goods from a patchwork of garbage may be transformed into products with economic worth rather than being wasted with no value. (c) For future academics, they should look into the characteristic fabric waste of their individual locations, such as the island of Java, and turn it into innovative items with high selling value, so that traditional Indonesian textiles may be identified and conserved by the community.

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