



PRODUCTION SUSTAINABILITY OF BATIK CIPRAT DURING THE COVID-19 PANDEMIC IN SPECIAL SCHOOL JEON BLORA REGENCY

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Abstract

SLB N Jeon-Blora is one of the special schools that accommodates all types of disabilities by providing Batik Ciprat skills. Batik Ciprat's skills are carried out at school. Still, during the Covid-19 pandemic, students learned from home so that the production of Batik Ciprat was temporarily stopped, even though there was still a demand for Batik Ciprat from consumers. The tools used by SLB N Jeon-Blora's students in producing Batik Ciprat are straightforward. "Gawangan" means spreading cloth made of paralon pipes arranged like a table frame. These hurdles are inefficient, easily damaged, require ample space in storage. The STT Ronggolawe Cepu made a portable frame from stainless steel, which is designed to be folded so that it is practical and does not require ample space in terms of storage. This program aims to see the sustainability of the STT Ronggolawe Cepu team's activities at SLB N Jeon-Blora. The program's conclusions are as follows: 1) the tools submitted by the STT Ronggolawe Cepu Team still exist and are still being used in the Batik Ciprat production process before the Covid-19 pandemic. 2) the sustainability program has encountered obstacles from external factors, such as the natural conditions of the Covid-19 pandemic, causing the production of Batik Ciprat SLB N Jeon-Blora to be temporarily suspended.

Keywords: Ciprat, Batik, Gawangan

INTRODUCTION

The role of social media in the era of transformation in the village of serab ciledug is still not maximized in the use of social media. As a result, the holding of community service activities is expected to assist taruna taruna kampung parung serab ciledug in increasing productivity and efficiency in using social media. The COVID-19 pandemic, which has been ongoing since March 2020, has prompted the government to take precautions to prevent the coronavirus from spreading. One of the efforts made is temporarily closing schools for an unknown time. There were 646.2 schools ranging from PAUD to tertiary education closed, which resulted in 68.8 million students studying at home and 4.2 million teachers and lecturers teaching from home (Elmira, 2020). This situation impacts the decline in the quality of education and the loss of children's skills (Kurnialam and Maharani, 2020), especially for children with special needs in special schools.

The Special School (SLB) N Jeon, located at Jalan Blora-Cepu Km 7, Jeon-Blora, was established in 1983, is one of the special schools that accommodates all types of disabilities. The subject matter provided at SLB N Jeon is not only academic. Students also get skills training to train their motor skills in the form of skills called Batik.

So far, the batik technique given to SLB N students is Batik Ciprat. It is called Batik Ciprat because, in its production process, it uses a "splash" technique which produces an abstract but unique color pattern on the fabric (Susanto, Triyandari Nugroho, and Lestari, 2020). Almost the same as Batik in general, which also uses wax. Only the difference is that the polish of Batik Ciprat will be melted first and then splashed on a white cloth that has been stretched, then the students color the fabric with

textile dyes.

The materials and tools used by SLB N Jepon students in producing Batik Ciprat are straightforward. It consists of white cloth with perfect thickness and smoothness, which is very suitable for Batik. The next ingredient is a remasol type of fabric dye to give an attractive color to Batik Ciprat SLB N Jepon choosing a synthetic paint of the remasol kind because, in addition to being soluble in water, remasol also has good fastness. SLB N Jepon students use the types of resin in making Batik Ciprat, including *klowong* wax, *blokan* wax, *Biron* wax, and *closure* wax. The wax is used to cover the fabric so that motifs can be formed when the dyeing on the material takes place. The water gloss material is used to fix the coloring of remasol, which is mixed in boiling water during the batik process.

While the tools used are a frying pan to melt the wax. A stove to melt the wax and keep it hot. A pot to boil water and boil batik cloth in the *lorod* process, which aims to eliminate wax splashes. A bucket filled with clean water for washing batik cloth. A container or a plastic cup for mixing the dye and water solution. And a paintbrush for applying the paint to the waxed surface. The other tools used in making Batik Ciprat are sticking for sprinkling the wax onto the fabric and rubber bands for tying and tightening the material attached to the frame so that the surface of the cloth remains flat and does not wrinkle.

This program aims to see the sustainability of the activities that have been carried out by the STT Ronggolawe Cepu team, namely PkM GaBaCi (“Gawangan Batik Ciprat”) at SLB N Jepon. In this activity, the partner is SLB N Jepon, made a portable frame made of stainless steel material (Figure 1) designed to be folded so that it is practical and does not require ample space in terms of storage. In addition, the use of stainless steel material makes the frame more sturdy.

It is not easy to bend, is durable, corrosion-resistant, makes it easier to dry or move undried splattered Batik to a hotter place, and does not require ample space because it can be folded and assembled.



Figure 1: Batik ciprat frame made of stainless steel

This stainless steel frame is the development of the old structure used at SLB N Jepon - Blora from PVC pipe, which is less sturdy, easily damaged, and takes a long time to prepare because it requires assembling the parts to become a complete frame. In addition, it requires ample space for storage. PVC pipe structure can only last for about one year; the rest will be curved so that the stretch of fabric becomes loose, resulting in less good splashed batik results. Batik Ciprat by SLB N Jepon-Blora, there are still not too many when viewed from the production aspect. I can only produce 15 pieces in one month. It also really depends on the level of complexity of the design and the student's readiness.

Splashing batik skills are carried out in schools. Still, during the Covid-19 pandemic, students learn from home so that the production of Batik Ciprat is temporarily stopped, even though there is still demand Ciprat Batik during the pandemic. Before the pandemic, after students finished Batik, consumers immediately purchased it, so there was never any ready stock of Batik Ciprat. If there are consumers interested in buying, they must order in advance for a long time. This condition is an obstacle faced by SLB N Jepon-Blora.

Meanwhile, in terms of business management, the selling price of Batik Ciprat varies depending on the motif and fabric. The selling price of Ciprat Batik is between Rp. 75,000.00 to Rp. 200.000,00 per sheet of cloth. SLB N Jepon students have not implemented good business management. Even financial management (simple bookkeeping) has not been carried out.

The problems of SLB N Jepon students during the Covid-19 pandemic are:

1. The consumer demand Batik Ciprat has not been fulfilled due to the cessation of teaching and learning activities in schools due to the Covid-19 pandemic, which suggests that all activities be carried out from home.
2. Business management which is still very traditional, does not have business books/records even though it is simple.
3. Lack of insight into marketing strategy, even though the market opportunity is still vast. Considering the need for Ciprat Batik for School or Office Uniforms is still needed.

The purpose of this community service activity is to review the continuation of the PkM program held at SLB N Jepon - Blora and provide suggestions for possible input regarding the Batik Ciprat production process during the Covid-19 pandemic.

The sustainability of the empowerment program is thought to be influenced by determining factors, namely internal factors and external factors (Wijaya, 2014). Internal factors come from within partners, for example, the readiness of teachers and students, while external factors come from the role of parents and the current state/situation of society.

METHOD AND PROCEDURES

Based on the problems faced by partners, namely SLB N Jepon - Blora students, the servant team from STT Ronggolawe Cepu - Blora carried out the method of implementing community service program activities based on several stages. The initial step is to identify some of the problems partners face through the initial survey method, interviews with the school, and observing students while doing batik activities to find the most pressing issues. This activity was carried out before the Covid-19 pandemic on 27 June 2019.

Based on the results of identifying several problems faced by partners, several crucial issues that must address immediately were determined, including procurement of appropriate technology, portable batik frames, manufacture of marketing media in the form of banners as promotional media. The manufacture of movable batik frames was also carried out before the Covid-19 pandemic, and tools have also been handed over to partners.

Furthermore, the servant team carried out batik training by bringing in batik experts. The approach method used in this training is the Learning By Doing practice. In this method, students do not have to leave class during the training. However, the training process can be carried out simultaneously when students learn skills. Thus, it is hoped that the training provided can be received and appropriately implemented. This activity also carries before the Covid-19 pandemic.

Besides that, they also held online training on 27 June 2021. This training about marketing strategies using media was easy to make by students of SLB N Jepon - Blora. The selected marketing media are brochures and banners. The final stage is to review the program's sustainability, held at SLB N Jepon - Blora during the Covid-19 pandemic.

No	Jam	Acara	Penanggung Jawab
1	10.00-10.15	Pembukaan & doa	MC Helmi Gunawan, S.Pd., M.Pd
2	10.15-10.30	Sambutan Ketua PKM	Eva Hertnacahyani.H, S.T., M.T
3	10.30-10.45	Sambutan Kepala SLB N Jepon	Satoto, M.Pd
4	10.45-11.45	Penyampaian sosialisasi PKM	Hendri Suryanto, S.T., M.T
5	11.45-12.00	Tanya jawab	M. Slamet Riyadi, S.T., M.T
6	12.00-12.15	Ishoma	SLB N Jepon
7	12.15-12.30	Penutup & dokumentasi	Panitia

Table 1. Rundown of Community Service Program socialization activities on 27 June 2019

No	Jam	Acara	Penanggung Jawab
1	10.00-10.15	Pembukaan & doa	MC Helmi Gunawan, S.Pd., M.Pd
2	10.15-10.30	Sambutan Ketua PKM	Eva Hertnacahyani.H, S.T., M.T
3	10.30-10.45	Sambutan Kepala SLB N Jepon	Satoto, M.Pd
4	10.45-11.45	Penyerahan alat Gawangan Batik Ciprat	Satoto, M.Pd & Hendri Suryanto, S.T., M.T
5	11.45-12.00	Ramah Tamah	Panitia
6	12.00-12.15	Ishoma	Panitia
7	12.15-12.30	Penutup & dokumentasi	Panitia

Table 2. Rundown of the tool handover on July 11, 2019

No	Jam	Acara	Penanggung Jawab
1	13.00-13.15	Pembukaan & doa	MC Helmi Gunawan, S.Pd., M.Pd
2	13.15-13.30	Sambutan Ketua PKM	Eva Hertnacahyani.H, S.T., M.T
3	13.30-13.45	Sambutan Kepala SLB N Jepon	Satoto, M.Pd
4	13.45-14.15	Penyampaian materi perawatan alat	Hendri Suryanto, S.T., M.T
5	14.15-14.45	Penyampaian materi perancangan banner & pemasaran online	M. Slamet Riyadi, S.T., M.T
6	14.45-15.00	Tanya jawab	Eva Hertnacahyani.H, S.T., M.T
7	15.00	Penutup & dokumentasi	Panitia

Table 3. Rundown of the online training activities on 11 July 2019

RESULTS

The program's implementation at SLB N Jepon - Blora, which was held before the Covid-19 pandemic, all went fluently. Principal Mr. Satoto attended the program socialization activities on 27 June 2019. Below is a list of attendance documents for socialization activities

DAFTAR HADIR

Nama Kegiatan : Sosialisasi Program Pengabdian Masyarakat STTR Cepu
 Tanggal : 27 Juni 2019
 Lokasi : SLB N. Jepon Kab. Blora

No	Nama	Instansi / Jabatan	Tanda Tangan
1.	Eva H	STTR Cepu	
2.	Susanto	STTR Cepu	
3.	Sutoto	SLB	
4.	Dewi K	SLB	
5.	Fahrohman	SLB	
6.	Adikha Wulan	SLB	
7.	Anasya Anzi	SLB	

Blora, 27 Juni 2019
 Ketua

 Eva H

Figure 2. Attendance list for community service program socialization

With the funds from these activities, equipment procurement has been carried out, handed over to partners (Figure 3). Below is a documentation of tool handover to partner SLB N Jepon and a list of attendance documents.



Lampiran 4.

BERITA ACARA SERAH TERIMA BARANG

Pada hari ini Kami tanggal sekian bulan Juli tahun dua ribu sembilan belas Kami yang bertanda tangan di bawah ini:

Nama : Eva Hertachayuni, H, S.T., M.T.
 Jabatan : Ketua Pelaksana FBM
 Alamat : Sekolah Tinggi Teknologi Ronggolawe (STTR Cepu)
 Jl. Kampus Ronggolawe Blok B No. 1 Merand Cepu, Blora
 Telp. 0296-422322 Fax. 0296-423429

Selanjutnya disebut PIHAK PERTAMA.

Nama : Drs. Sutoto, M.Pd
 Jabatan : Kepala Sekolah SLB Negeri Jepon
 Alamat : Jl. Raya Blora-Cepu KM. 7 Jepon, Kab. Blora

Selanjutnya disebut PIHAK KEDUA.

PIHAK PERTAMA menyerahkan barang kepada PIHAK KEDUA, dan PIHAK KEDUA menyatakan telah menerima barang tersebut dari PIHAK PERTAMA sebagai berikut:

No	Jenis Barang	Jumlah
1	Gawangan Batik Ciprat	1 unit

Demikian berita acara serah terima barang ini dibuat oleh kedua belah pihak, adapun barang-barang tersebut dalam kondisi baik dan cukup. Sejak penandatanganan berita acara ini, maka barang tersebut menjadi tanggung jawab PIHAK KEDUA, memelihara/merawat dengan baik serta dipergunakan untuk keperluan PIHAK KEDUA.

Yang Menyerahkan :
 PIHAK PERTAMA

 (Eva Hertachayuni, H, S.T., M.T.)








Yang Menerima,
 PIHAK KEDUA
 27 Juni 2019

 Drs. SUTOTO, M.Pd
 NIP. 196201230 198304 1 005.

Figure 3. Team of STT Ronggolawe Cepu handed over the Frame of Batik Ciprat

DAFTAR HADIR

Nama Kegiatan : Kegiatan Penyerahan Alat Gawangan Batik Ciprat
Tanggal : 11 Juli 2019
Lokasi : SLB N Jepon Kab. Blora

No	Nama	Instansi / Jabatan	Tanda Tangan
1.	Sutoto	Kepsek SLB N Jepon	
2.	Dewi. K	Guru	
3.	Anasya	Murid SLB	
4.	Fatur	Murid SLB	
5.	Alicha	Murid SLB	
6.	Susiswo	Anggota / STTR Cepu	
7.	Eva H	STTR Cepu	

Blora, 11 Juli 2019

Ketua



Eva H

Figure 4. Attendance list for tool handover

After getting a portable frame from the STT Ronggolawe Cepu team, partners immediately used the tool in the Batik Ciprat production process. The Batik Ciprat production process at SLB N Jepon - Blora before the Covid-19 pandemic occurred.



Figure 3. The process of Batik Ciprat exemplified by the SLB N Jepon teacher

The batik motifs produced by SLB N Jepon are batik motifs that have become icons of SLB, including amoeba, shaved, and abstract, as shown in Figure 4

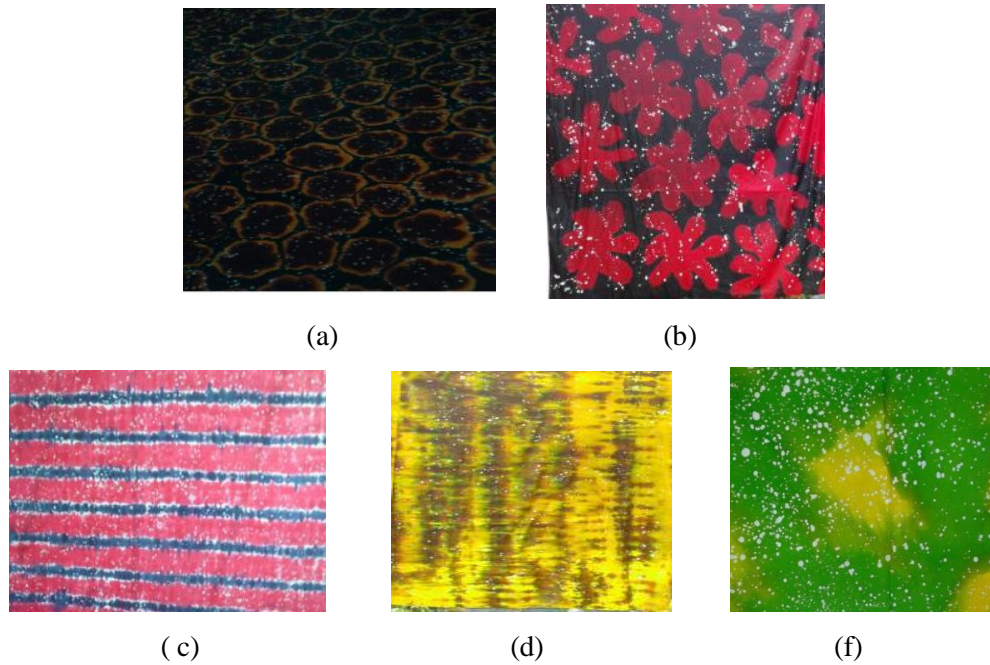


Figure 4. Motif of Batik Ciprat SLB N Jepon

- (a) Red Amoeba
- (b) Purple Amoeba
- (c) Yellow Shaved
- (d) Red Shaved
- (e) Abstract

The STT Ronggolawe Cepu Team wants to review the program's sustainability, which has been held at SLB N Jepon - Blora during the Covid-19 pandemic. They held online training on 27 June 2021 about the sustainability of the program and marketing strategies using media that were easy to make by students of SLB N Jepon - Blora.

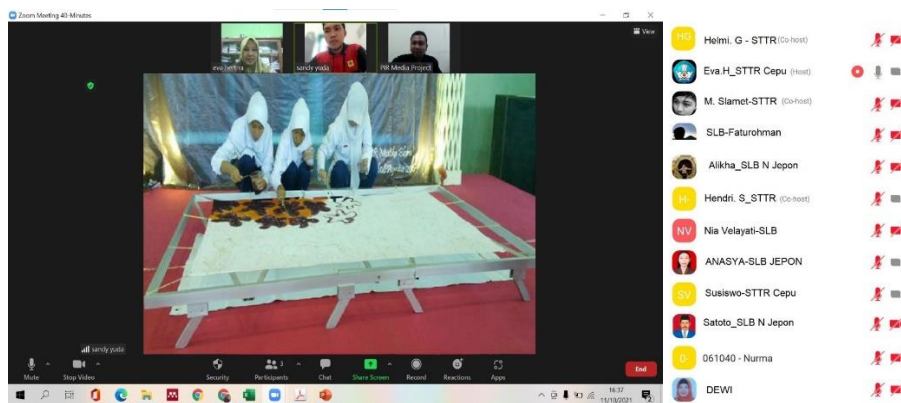


Figure 5. Documentation of Online Training

In terms of business management that requires promotion, the STT Ronggolawe Cepu Team provides brief and easy-to-understand on how to design an x-banner as a media for sales promotion,

which is then delivered online using a WhatsApp group by the SLB teacher. Students with mental retardation sometimes find it difficult to concentrate if they only rely on learning by the lecture method (Cahyaningsih and Ismadi, 2016). The following is an X-banner designed by SLB N Jepon - Blora students.



Figure 6. A student of SLB N Jepon designed the X-Banner

This program for partners was also realized before the Covid-19 pandemic, all according to the expected targets, as shown in Table 4.

No	Plan	Realization
1.	Procurement of a Batik Ciprat portable frame	Batik Ciprat Portable Frame
2.	Training on making banner designs as a marketing media for partners	One banner as a marketing media for SLB
3.	Preparation of progress reports and final seminar	The progress report has been arranged and held a final seminar at STTR Cepu.
4.	Internal monitoring evaluation activities	The presentation of internal monitoring evaluation activities has been held at STTR Cepu.
5.	Final report preparation of PkM activity	The final report and the report on the use of funds have been arranged
6.	Making a Devotion Journal Public	Journal of Community Service uploaded at Empowerment Journal

Table 1. The results achieved in the implementation of PkM at SLB N Jepon – Blora

However, the continuation of this PKM program during the Covid-19 pandemic was temporarily halting. The reason is that the implementation of Ciprat Batik skills learning activities at SLB N Jepon - Blora during the covid-19 pandemic was only about batik motifs. Batik activities must require

supervision from teachers and are carried out offline at school so that none of Ciprat Batik has been successfully produced.

The media used in learning Batik Ciprat skills for mild developmentally disabled children at SLB N Jepon - Blora during the covid-19 pandemic were drawing paper, eraser, cloth, and carbon paper to copy motifs onto fabric. Sometimes the teacher gives examples of batik motifs, youtube links, and videos about batik skills on WhatsApp. Still, the teacher does not require students to be fixated on the examples given by the teacher. The external factor of the COVID-19 pandemic is the cause of the cessation of the production of Batik Ciprat SLB N Jepon - Blora.

CONCLUSION

The conclusions drawn from this Community Service Program are 1) the tools submitted by the STT Ronggolawe Cepu Abdi Team still exist and are still being used in the Ciprat Batik production process before the Covid-19 pandemic. However, due to the government's policy to study from home, the production of Batik Ciprat was temporarily suspended. 2) SLB N students' skills in designing x-banners for the marketing of Batik Ciprat products have begun to be honed but still need to be improved, 3) External factors of the Covid-19 pandemic are the cause of the cessation of production of Batik Ciprat SLB N Jepon - Blora.

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