

Department of Trade and Industry  
National Capital Regional Office

# SHARED SERVICE FACILITIES

"Shared Success for Filipino MSMEs"





# SHARED SERVICE FACILITIES





The **Shared Service Facilities (SSF) Project** is meant to improve MSME competitiveness by providing machinery, equipment, tools, systems, accessories and other auxiliary items, skills and knowledge under a shared system. The facilities should help target beneficiaries increase their production capacities and improve product quality, resulting to increased markets, increased sales, and jobs generation. SSF is a public-private partnership initiative being implemented through cooperators who can house the machinery and equipment and make these accessible to MSMEs.



## EQUIPMENT

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## MESSAGE FROM THE REGIONAL DIRECTOR

For almost a decade now, DTI-NCRO is at the forefront of the government's thrust to address the bottlenecks and gaps in the production of our micro, small, and medium enterprise (MSMEs) through our Shared Service Facilities (SSFs). Over the years, we have slowly but steadily increased the number of SSFs in the region which now caters to a variety of industries and addresses multiple areas in the production line. To date, the region now boasts a total of 13 SSFs with a number more coming online next year.



The SSFs that we have established have, in addition to the benefits we have earlier stated, touched many lives particularly those of our MSMEs: there are the familiar stories of how these facilities were able to improve not only their products but also their revenues; there are also those stories of how these hubs cultivated ideas and innovations; and of course, there are the tales of how these centers rekindled cooperation and partnerships for something bigger than its players. Truth to be told, these SSFs are more than tools to improve production. Rather, they represent the story of resiliency, passion, and dedication of every MSME.

In celebration of the important milestones, we have thus far accomplished through the SSF Program, we present to you this coffee-table book. It aims to showcase not only the facilities themselves but also the people and products behind them. It also seeks to recognize every man and woman who one way or another contributed to the success of these projects.

As we look into the future with optimism that we will build more facilities and help an even greater number of MSMEs, we will look back at this publication as a source of inspiration. It will serve as our guidepost for the years to come to remind us of what we have achieved so far and what remains to be done.

This coffee-table book is dedicated to all hardworking MSMEs in the National Capital Region.

A stylized blue ink signature of Marcelina S. Alcantara.

**Marcelina S. Alcantara**  
Regional Director, DTI-NCRO



## SHARED SERVICE FACILITIES

BIGAY BUHAY MULTI-PURPOSE  
COOPERATIVE (BBMC)

*Multi-Purpose Cooperative Sewing Center*

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Contact Person: Mr. Richard Arseño  
Contact Number: 8806 5023 / 8961 5969  
Address: Camia St., Libis Area A, Brgy. 175,  
Camarin, Caloocan City  
Date Established: 29 December 2020  
Total SSF Funding: PHP 353,860  
Fund Source: 2013 GAA



BBMC is a Cooperative which promotes and provides livelihood to impoverished persons with disabilities to aid in their independent living and to be productive members of the community.

With this Shared Service Facility, the cooperative became competitive in terms of its business operations, increased their production outputs, created more market, and generated job opportunities. The BBMC's core livelihoods include sewing of assorted bags, PPEs, and other promotional products.





## EQUIPMENT PROVIDED

1. 3 units cylinder bed sewing machine
2. 2 units desktop computer
3. 1 unit drawing tablet
4. 1 unit external hard drive

## OBJECTIVES

- To upgrade the machines in the sewing centers for competitive business operation;
- To increase production inputs, thus creating more market and job opportunities,
- To enhance the skills of production personnel in view of the current business trend.



## PRODUCTS/SERVICES

Sewing of assorted bags, PPEs and other promotional products.



- (2) Ply cloth mask, convertibles to  
(3) ply with disposable tissue  
Made of Neoprene

Backpack Bag - made of Polycanvass

Eco-bag made of Cacha



## COOPERATOR'S STATEMENT

Let me take this opportunity on behalf of Bigay Buhay Multipurpose Cooperative (BBMC), to thank the DTI-NCRO for choosing BBMC as one of your partners in the Shared Service Facilities (SSF) program. The SSF provides opportunities to the cooperative to enhance the capacity of the management and frontline workers and SSF partners in the sewing industry. Foremost of which is the regular invitation to participate in the DTI series of relevant seminars, training and other virtual activities, the provision of equipment will improve capacity production inputs and opportunity for expanding networks in SME eco-system including strategic potential partners.

The SSF program will give BBMC better opportunities to revisit its products development, systems and procedures for efficient and effective production performance and expanding business prospects in the new normal of doing business.

On behalf of BBMC,

**Richard D. Arceño**

Head, Inclusive Humanitarian and Development Program  
Bigay Buhay Multipurpose Cooperative



DTI - National Capital Regional Office, in collaboration with the Bigay Buhay Multi-Purpose Cooperative Sewing Center, Caloocan, officially launched its Shared Service Facility (SSF) last December 29, 2020.

The launching commenced with the overview of the SSF program discussed by DTI-NCRO Division Chief Rosanna Aligaya followed by an inspirational message from DTI-NCRO RD Marcelina Alcantara to further boost the members of the Bigay Buhay Multi-Purpose Cooperative. BBMC Head Mr. Richard Arceño, was very thankful for the project. Both parties aim to strengthen the partnership of government and the BBMC in their mutual desire to create jobs and livelihood to their fellow PWDs.



## SHARED SERVICE FACILITIES

**CARITAS MARGINS INC.**  
*Sewing and Accessory Making*

Contact Person: Ms. Maya Arcega  
Contact Number: 0929 333 1359  
Email: Mgarcega.margins@gmail.com  
Address: 2002 Jesus St. Pandacan, Manila

Date Established: 26 December 2013 /  
30 July 2020  
Total SSF Funding: PHP 865,000  
Fund Source: 2013 GAA





## COOPERATOR'S STATEMENT

Caritas Margins Inc. is a church social enterprise that consolidates and markets products of micro and small entrepreneurs. We also provide skill and livelihood trainings to individuals and communities. This skills training includes sewing and accessory making.

The Department of Trade and Industry (DTI) has been our partner for over seven (7) years already. Our partnership with DTI is through the implementation of the Shared Service Facility (SSF) Program. They have provided us with 41 sewing machines. These machines were distributed to sewing production centers in six (6) different parishes.

Through this SSF Program, we are able to provide employment to unemployed mothers and youth. They were also able to hone their sewing skills through different training and programs given by DTI. This provides them the opportunity to help their families financially. Some of them also stepped up, developed their leadership skills and became SSF coordinators. Some of them also became some of our demonstrator in giving our sewing skill training.

More than the financial aspect and the skills they have developed over time, what the SSF program gave our beneficiaries is empowerment and dignity of labor. There is no better way of helping others than giving them the opportunity to help themselves. And our partnership with DTI, through the SSF Program, made that possible for our beneficiaries.

**Rev Fr. Anton Cecilio Tuazon Pascual**  
Executive Director  
Caritas Margins Inc.



## EQUIPMENT PROVIDED

1. 38 units singer 191 D Hi speed Sewing Machines with Table Motor and Stand
2. 3 Seiko TW3-341 Cylinder Sewing Machines (Leather Stitching Machines) with Table Motor and Stand

## OBJECTIVES

Caritas Margins is committed to its mission of helping partner micro-entrepreneurs/sewers. Towards its mission, Caritas Margins sells bags produced under the SSF-SESPC in various venues, aiming to free micro-entrepreneurs from poverty. Following are Caritas Margins project objectives:

1. To sustain livelihood of partner micro-entrepreneurs through the project; and
2. To increase the income of partner micro-entrepreneurs by at least 30%.



## PRODUCTS



## SERVICES

Sewing of upcycled items (tote bags, tarp bags, hygiene bags, first aid bags, ladies' bags, relief bags, school bags)



Caritas Margins is a non-stock, non-profit organization church social enterprise established in 2011. The organization provides entrepreneurial assistance, including but not limited to market access and product development, to poor micro-entrepreneurs all over the Philippines.

The SSF was formerly under the Caritas Manila, Inc. until 2019. This was then transferred under the management of its marketing arm, Caritas Margins Inc, in 30 July 2021.







## SHARED SERVICE FACILITIES

CUSTOMMADE CRAFTS CENTER, INC.  
Sewing, Bag Making and Product Finishing

Contact Person: Mr. Julius Domingo

Contact Number: (02) 8929 3665

Address: #61 Masikap Ext. Brgy. Central Diliman,  
Quezon City

Date Established: 29 July 2019

Total SSF Funding: PHP 1,673,858.00

Fund Source: 2018 Funds





## COOPERATOR'S STATEMENT

CMCCI, as a social enterprise and a green intermediary, aims to address the bottle necks in the production process of converting handwoven eco textiles and other non-timber forest products here in Metro Manila. The bottle neck in the production has been a challenge since the growing demand is not met and most often, having delayed deliveries led to the cancellation of orders. However, through the DTI's SSF program, we were able to address this challenge with the launching of CMCCI-SSF, along with the provision of the machines to us. This has helped in increasing our sales and improving our production capacity and product quality. In addition to this, it has become an eye opener for our beneficiaries to consider expanding and having their businesses registered.

The pandemic affected our SSF beneficiaries and CMCCI's partner communities as when the ECQ was enforced, CMCCI's operations was disrupted; thus, closing the door on CMCCI's bread and butter which consisted of corporate giveaways, home decor and wearables. As soon as the ECQ was lifted and the CMCCI office resumed operations, fabrics from our Indigenous Peoples - community partner came pouring in and were utilized by our beneficiaries in Payatas, Q.C. and Tumana, Marikina in producing face masks, PPEs and organizers to be used in this time of pandemic.

We are very thankful that we have been a part of DTI's SSF program as we have been provided with machines and trainings which have enabled us to create more jobs and provide an additional source of income for our intended beneficiaries and partner communities. The program indeed has helped in our transition to doing business in the new normal. Although we went through some set back, it has been a learning process and we know that we will always have DTI behind us.

On behalf of CMCCI and its partners, thank you to all the people behind SSF!

**Ruth P. Canlas**  
Managing Trustee  
CustomMade Crafts Center, Inc.





## EQUIPMENT PROVIDED

1. Single Needle Lock-Stitch Needle Feed Machine
2. Cover Stitch Machine
3. Buttonhole Machine
4. Button Sew Machine
6. Post Bed Type Machine
7. Computerized Embroidery Sewing Machine (10 needle)
8. Computerized Embroidery Sewing Machine (4 needle)
9. Laptop Computers
10. Brother PE Design 10 embroidery software

## OBJECTIVE

The SSF intends to strengthen an urban community who values tradition and culture while providing support to the MSMEs in the National Capital Region (NCR).

The objectives of the Shared Service Facility are the following:

- Strengthen the production capacity of each MSMEs concerned;
- Provide quality products for both local and international market;
- Serve other MSMEs in developing product lines; and
- To generate more jobs and opportunities to willing individuals in the urban community.



### Participation to Local Fairs and Exhibits, including conduct of its own Bazaar.

The Custom-made Crafts Center, Inc. was established in 2008 as a sustainable social enterprise that aims to develop and market fairly-traded handcrafted products, from community based non-timber forest resources (NTFP) enterprises. The organization is establishing itself as a top of the mind source of functional, good quality products for different purposes (conference, gift, home or fashion accessory, etc.) made from indigenous crafts and natural materials.



### SSF Launching and MOA Signing July 29, 2019

From Left to Right: Front Row: DTI-NCRO Regional Director Marcelina S. Alcantara; DTI-ROG Usec. Blesila A. Lantayona; CMCCI Managing Trustee Ms. Ruth Canlas and QC-SBCDPO Head Mona Celine Yap / Second Row: CMCCI Key Officers and SSF Beneficiaries.





# PRODUCTS

Custom-made crafts (bags, wallet, passport holder, garments, etc.)





## SHARED SERVICE FACILITIES

### METRO MANILA ASSOCIATION OF FOOD ENTREPRENEURS (MMAFE) INC.

#### *Craft Beer Processing*

Contact Person: Mr. Ernesto Flores III

Contact Number: 0917 879 8655

Address: Thames International, Calle Industria St. Q.C

Date Established: 08 October 2019

Total SSF Funding: PHP 4,990,000

Fund Source: 2018 GAA







Metro Manila Association of Food Entrepreneurs (MMAFE) Inc. undertakes activities in setting and upgrading the standards of food businesses based in the National Capital Region. In collaboration with DTI-NCRO, they launched a craft beer brewery in Quezon City in response to the booming craft beer industry in the Philippines.

According to statistics, beer is the most consumed alcohol beverage in the Philippines which accounts to 70% of the domestic alcoholic drink. The Craft Beer Association of the Philippines cites that there are about 60 plus local breweries with over 250 plus craft beer styles in the country.





# OBJECTIVES

- Provide a facility that is capable of producing craft beers at a reasonable cost;
- Fast track the entry of micro/home-based brewers to the mainstream beverage market;
- Make available to craft brewers a facility where they can train students/individuals who wish to learn anything about the production of beers;
- Encourage potential brewers (especially the youth) to explore the possibility of entering into the beer making business;
- Augment the production capacity of established breweries who can no longer accommodate additional demand due to production limitations; and
- Encourage the development of newer and bolder tasting beers as an alternative beverage.

# EQUIPMENT PROVIDED

- |                                       |  |
|---------------------------------------|--|
| 1. Grist Milling Unit                 | 6. Fermentation Tank System Unit         |
| 2. Steam Boiler Unit                  | 7. Glycol Water Tank System Unit         |
| 3. Brewhouse Unit                     | 8. Cleaning Machines                     |
| 4. Hot Liquid Tank Water System Unit  | 9. Controlling Unit – PID Control System |
| 5. Cold Liquid Tank Water System Unit |  |

# PRODUCTS /SERVICES

Grist Milling Unit, Steam Boiler (LPG Tank), Brewhouse Unit, (grain mashing, lautering, sparging & whirl-pool & grain boiling), Hot Water System for brewing and sparging, wort fermentation and maturation, wort cooling and fermentation, cooling glycol water chilling, glycol water circulation.







DTI National Capital Regional Office, in collaboration with the Metro Manila Association of Food Entrepreneurs (MMAFE) Inc. and the Craft Beer Association of the Philippines (CBAP), officially launched its Shared Service Facility (SSF) on Craft Beer Processing last October 8, 2019 at the Thames International Business School, Quezon City.

The ribbon cutting of the SSF was led by Usec. Blesila A. Lantayona, RD Marcelina Alcantara and Ernesto Flores III of MMAFE, Inc.





## SHARED SERVICE FACILITIES

### MARIKINA POLYTECHNIC COLLEGE *Food Processing and Testing Center for Non-Marine Food Products*

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Contact Person: Mr. Fidelito Lagos

Contact Number: 0912 904 98834 /  
0977680 6766

Address: 252 Shoe Avenue, Marikina City

Date Established: 15 December 2020

Total SSF Funding: PHP 13,970,556.76

Fund Source: 2018 GAA







To help the MSMEs with non-marine food products and promote the school's food technology-related courses, the MPC has allotted a 300 sqm floor area dedicated for the processing, packaging, testing laboratory.

Food manufacturing is the largest subsector of the manufacturing sector in the Philippines. In the National Capital Region, food manufacturing may be divided into non-marine and marine food sector. The facility offers two major services, namely: testing laboratory and nonmarine food processing area. The testing laboratory offers basic physicochemical analysis. The tests will assure the safety and quality of the food products to increase its market acceptability. the processing area will be focusing on the non-marine food products and will be offering an end-to-end process.



# OBJECTIVES

With the Food Testing and Processing Center's goal of providing laboratory services and small volume production to MSMEs and students in NCR, this project aims to:

1. Provide an FDA-accredited testing laboratory and processing facility for the small-scale food entrepreneurs and students;
2. Fast track the development of FDA requirements of the food-based micro, small, and medium entrepreneurs;
3. Make available to the MSMEs the testing laboratory and food processing services at a reasonable cost;
4. Increase the market acceptability of food-based products of NCR in the domestic market and eventually in the export market; and
5. Capacitate the MPC Personnel in the operations of the processing facility and in the conduct of accurate laboratory tests for academic and research purposes.



## EQUIPMENT PROVIDED

1. 4-Solid Stainless Steel Door Upright Freezer;
2. 4-Solid Stainless Steel Door Upright Chiller;
3. 4-Solid Stainless Steel Door Upright Combi Chiller/Freezer;
4. Blast Freezer;
5. 6-Open Top Low Pressure Gas Range;
6. Char Rock Broiler with Plain Bottomshelf;
7. Gas Griddle with Plain Bottomshelf;
8. Low Pressure Stock Pot Burner;
9. Free Standing Gas all-purpose Fryer;
10. Food Processor/Vegetable Cutter;
11. Meat Slicer, Grider & Mixer;
12. Silent Cutter;
13. Meat Grider and Mixer;
14. Manual Sausage Filler;
15. Blender Machine
16. 41-1/2 Quart Liquid Capacity Pressure Cooker;
17. Fruit and Vegetable Cutter;
18. Food Processor;
19. Universal Ginger Cutter;
20. Cooker Mixer 50L Direct Fire;
21. Jacketted Kettle-gas-type;
22. Colloid Mill;
23. Peanut Roaster;
24. Rice & Bean Grinder;
25. Multi-purpose Disintegrator;
26. Electric Table Juice Squeezer;
27. Ice cream Making Machine;
28. Dehydrator and Dryer Machine;
29. Spray Dryer;
30. Steamer;
31. Rice Puff Machine;
32. Mechanical Noodles Rolling & Cutting Machine;
33. 6Pans Capacity with Combi-Oven Stand with Bottom Shelf;
34. Gas Heated Baking Oven (3 Deck);
35. Single Deck Gas Convention Oven;
36. Single Door Proofer with Humidifier;
37. Spiral Mixer 6kgs;
38. Planetary Mixer 5qts & 20L;
39. Reversible Sough Sheeter;
40. Cookie and Cake Depositor;



41. Ribbon Blender;
42. Vibro Sifter & Filter;
43. Solid-ink Coding Band Sealer - Vertical;
44. Induction Sealer; Direct Sealer; Coding Machine;
45. Vacuum Packaging Machine;
46. Granule Packaging Machine with Coding Machine;
47. Liquid Product Packaging Machine with Coding Machine
48. Automatic Pillow Packaging Machine;
49. Shrink Tunnel;
50. Electric Capping Machine;
51. Manual Filling Machine;
52. Pneumatic Filling Machine with Air Compressor;
53. Automatic Inflating Film Sealer

54. Mobile Island Type Preparation with Plain MID and Bottomshelves;
55. Filler Table with Plain Bottomshelf;
56. Workable with Plain Mid and Bottomshelves;
57. 2-Compartment Sinkable with Tubular Bracing Installed with 2 Units of Deck Mount Double Pantry Faucet;
58. 2-Compartment Sinkable with Tubular Bracing Installed with 2 Units of Deck Mount Double Pantry Faucet;
59. 4- Layered Tubular Clean Pots and Pan Rack (Slotted);
60. 14-Layered Mobile Plain Trolley;
61. Handwashing Sink Knee-Operated Installed with Deck Mount Single Pantry Faucet and Cast Single Knee Valve for Hand Sink;



62. Wall Mounted Exhaust Hood with Air Provision;
63. Stainless Steel Wall Cladding;
64. Trench Grate;
65. Stainless Steel Grease Trap 15 GPM (2-Chambers);
66. Storage Cabinet;
67. Stainless Steel Mobile Garbage Bin;
68. Digital Weighing Scale;
69. Analytical & Moisture Balance;
70. Forced Air Drying Oven;
71. Hotplate Magnetic Stirrer;
72. Hand Refractometer Set;
73. Digital Refractometer;
74. Consistometer;
75. Spectro Colorimeter
76. PH Meter;
77. Constant Temperature Water Tank;
78. Glass Ceramic Hotplate;
79. Digital Viscometers;
80. Water Activity Tester;
81. Adjustable Volume Micropipettes;
82. E-Burette;
83. Laboratory Workable;
84. Laboratory Equipment Storage Steel Cabinet







The Launching of the Shared Service Facility on Food Processing and Testing Center for the Non-Marine Food Products was held on December 15, 2020 at the third floor of the Civil Tech Extension Building. This is to formally turnover the management of the facility, through a usufructuary agreement, to the MPC.



The ribbon cutting and short walk-through of the SSF that was led by RD Marelina S. Alcantara and Dr. Virginia D. Akiate, was carried out on the latter part of the event.

## PRODUCTS AND SERVICES

Food processing facility for non-marine products (meat processing, fruits and vegetable processing, flour-based processing, confectionary processing), basic physio-chemical analysis (pH, total titratable acid, color, viscosity, water activity) and, training and consultancy services.







## Importance of Shared Service Facilities to the Marikina Polytechnic College

The Shared Service Facility Program of the Department of Trade and Industry will be a big help to the projects and activities of the Marikina Polytechnic College in terms of the following:

### STUDENTS

The facilities can be used by the Food and Service Management students in food production, and experiments. The Engineering Students may use the SSF facilities because the operation of the plant is similar to the industry setup.

### FACULTY

The SSF Plant is a good venue for the faculty in conducting their research for food processing, food testing, and food production and packaging.

### MSME

The entrepreneurs will use the facilities provided by the DTI-NCRO. They can be partners of MPC in the income generation program of the college. They will bring market opportunities, promotion of products, and sharing of ideas and experiences with the MPC community.

### COMMUNITY

The College will be conducting livelihood and skills training to different barangays in Marikina City and nearby cities and towns and the venue is the SSF Plant. Though the training the extension service may produce new entrepreneurs.

The MPC as co-operator of the DTI-NCRO is expecting that the SSF Program will bring development to the Students, Faculty, MSME, and Community.

  
 FIDELITO B. LAGOS  
 OIC Director, Extension Service Office





## SHARED SERVICE FACILITIES

MUNICIPAL SOCIAL WELFARE AND  
DEVELOPMENT OFFICE (MSWDO)  
OF MUNICIPAL GOVERNMENT OF PATEROS

*Sewing and Embroidery Center*

Contact Person: Ms. Arleen B. Cinco

Contact Number: 0960 822 9524

Address: Pateros Technological College -  
Silangan Campus, Felix Avila Street,  
Brgy. Sto. Rosario Silangan, Pateros

Date Established: 21 December 2020

Total SSF Funding: PHP 410,000

Fund Source: 2013 GAA







Through the partnership of the Municipal Government of Pateros and the Department of Trade and Industry – National Capital Regional Office, this Shared Service Facility project will provide livelihood opportunities for the MSMEs who are engaged into sewing activities. This SSF will also help them increase their production and improve the quality of their products.

## COOPERATOR'S STATEMENT

The Shared Service Facilities – Sewing and Embroidery Center is an Eye Opener for those women's who envision for entrepreneurship. The women's who are known for homemaker find time to go out of their shelves. They attended meeting, training and seminars. During this pandemic it hinders them to attend and explore different activities. They are looking forward for more activities to help them productive. Build self-esteem and can able to share new ideas to others.

Through the partnership of Local Government Unit of Pateros and Department of Trade and Industry. The women's group has high hopes that their dreams to uplift their economic status, it will be the ladder of success through this program.

Prepared By:  
Arleen B. Cinco  
RSW, Social Welfare Officer II

Noted By:  
Angelus DP. Ponce  
OIC-MSWDO



# PATEROS TECHNOLOGICAL COLLEGE SEWING AND EMBROIDERY CENTER

PTC- SILANGAN CAMPUS, PATEROS



dti.gov.ph/ncr



fb.com/DTI.NCRO



@dtincro



NCR@dti.gov.ph



(02) 8811-8277



## OBJECTIVES

- To sustain the livelihood of the partner MSMEs and local sewers;
- To increase the income of partner MSMEs and local sewers by at least 10% of their current income;
- To make the sewing equipment available for rental to sewers who wants to venture into cloth-products production;
- To aid in the COVID-19 response through the production of face masks; and
- To strengthen the production capacity of MSMEs in the sewing industry.

## EQUIPMENT PROVIDED

1. 3 units Single Needle lockstitch machine
2. 2 Units 4 thread over edging Machine
3. 1 unit 5 thread over edging Machine
4. 1 unit button hole
5. 1 unit button sew
6. 1 unit cutting machine
7. 1 unit embroidery machine
8. 1 unit Bar tack equipment

## PRODUCTS/SERVICES

Sewing, cutting, and embroidery services.

## VISION

Empowered individuals, families, and communities with capability to enhance skills, improved their quality of life through entrepreneurship, and meet their minimum basic and other development.

## GOAL

At the end, disadvantaged families and individuals have improved their lives through enhancing skills by entrepreneurship.



Launching of Shared Service Facility (SSF) on Sewing and Embroidery Center last December 21, 2020 at Pateros Technological College.



The ribbon cutting and short walk-through of the SSF was led by RD Marcelina S. Alcantara, Hon. Mayor Miguel F. Ponce III, and Hon. Vice Gerald S. German.



DTI-NCRO conducts a skills training on Basic Pattern Making in cooperation with TESDA Women's Center and MSWDO Pateros



Awarding of Certificates together with DTI-NCRO, TESDA Women's Center Sewing Instructor Irene B. Mortel and Ms. Angelus DP. Ponce of OIC-MSWDO





Philippine Footwear Federation, Inc.

## SHARED SERVICE FACILITIES

### PHILIPPINE FOOTWEAR FEDERATION, INC. (PFFI)

*High Value Custom-made  
Footwear/Leathergoods*

Contact Person: Mr. Roger S. Py, Jr. /  
Ms. Cecilia Flores-Lazaro

Contact Number: (02) 8942 4228

Address: #36 Russet St., SSS Village, Brgy.  
Concepcion Dos, Marikina City

Date Established: 01 September 2015  
Total SSF Funding: PHP 91,732,502.88  
Fund Source: 2013 GAA Php 8,516,000  
MRP Fund Php 31,800,000  
2018 GAA Php 52,268,038.88





The importance of the Shared Service Facility (SSF) for High Value Custom-made Footwear / Leathergoods to the Philippine Footwear Federation, Inc.

## TO PFFI ORGANIZATION

The SSF continuously provides means of livelihood to its employees managing and operating the machines. As the umbrella organization of the footwear industry in the Philippines, we are very thankful to have this opportunity. In return, we are doing our best to enrich the footwear industry thru the help of SSF.

## TO MSMES IN FOOTWEAR INDUSTRY

SSF has been the biggest support of DTI-NCRO for the continuous development and inclusive growth of the Marikina Footwear Industry. Through the SSF, we are able to help the MSMEs who do not have enough capital to buy new machineries for shoe making.





The SSF is one of the largest footwear facilities in the National Capital Region and nearby provinces focused on the upliftment of the quality of locally made footwear. The facility aims to assist the aspiring and existing shoemakers, through the advanced technology, to improve their competitiveness in the industry. Furthermore, the design and prototyping facility will help the users in creating quality and innovative products. Regular trainings and workshops on shoemaking/leather goods have been offered to further train the artisans.

## OBJECTIVES

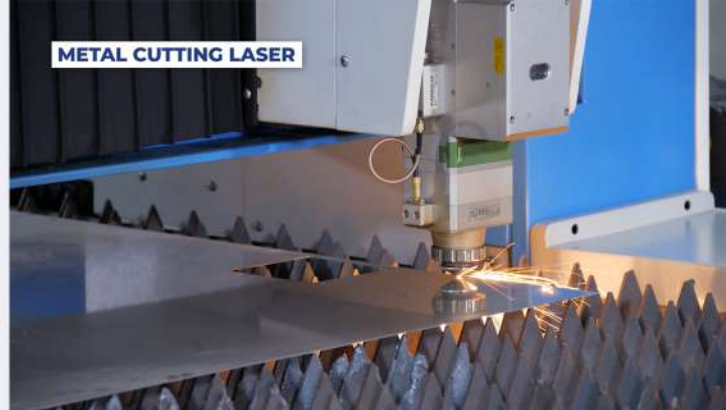
The facility aims to revive the Philippines' reputation as a producer of well renowned, high value, high quality, custom-made shoes with reasonable turn-around time. Specifically, the project will:

- Train potential artisans or cobblers and enable them to manufacture high quality and competitively priced leather footwear
- Provide potential cobblers access to quality materials, quality assuring tools and machines, and a venue that will serve as a crossing point for the artisans and their potential buyers;
- Reduce turn-around time and removes products returns; and
- Create/develop a model for possible replication to other rural areas which are frequently visited by tourist/balikbayans such as Cebu, Palawan, Davao, and etc.



# EQUIPMENT PROVIDED

1. Shoe Design Software
2. Shoe Last Design Software
3. Pattern Grading Software
4. Shoe Accessories Design Software
5. 3D Laser Foot Scanner
6. Desktop PC
7. Laptop Computer
8. 3-axis CNC Router Machine
9. Wide format print and cut printer
10. CNC Laser Cutter
11. Automated Shoe Last Moulding System
12. Shoe Component/Mold Machining System
13. Toe Lasting Machine
14. Heel Lasting Machine
15. Moccasin Upper Sewing Machine
16. Footwear Design and CAD/CAM Software Suite
17. Single Needle Flatbed Sewing Machine (3 units)  
with Automatic Under Trimming & Backtacking
18. Double Needle, Needle Feed, Flatbed Sewing Machine (3 units)
19. Single Needle Low Feed Postbed Sewing Machine (3 units)
20. Double Needle, Low Feed, Postbed Sewing Machine
21. Single Needle Top and Bottom Feed Postbed Machine  
with Driven Roller Presser
22. Double Needle, Top and Bottom Feed Postbed Machine  
with Driven Roller Presser
23. Single Needle Top and Bottom Feed Postbed Machine  
with Driven Roller Presser (for Heavy Materials)
24. Double Needle Top and Bottom Feed Postbed Machine  
with Driven Roller Presser (for Heavy Materials)
25. Direct Drive, Single Needle Postbed Sewing Machine
26. Direct Drive, Double Needle Postbed Sewing Machine
27. Single Needle Flatbed Zigzag Sewing Machine
28. Disk Feed Overseam Machine for Shoe Insole Machine  
(Stroebel Machine)
29. Double Threads Lockstitch Seated Type Shoe Border  
Sewing Machine
30. McKay Stitcher with Automatic Lubrication System
31. Sewing Machine
32. Skiving Machine
33. Three drill holes driller
34. Curved guide with guide system
35. Slot creation Milling
36. Three pins Insertion System
37. Drawing Center Last System
38. Knife Sharpener System
39. Mini-plastic Extruder
40. CNC Shoe last cutting
41. 3D scanner Med and Hi resolutions
42. Shoe last measuring machine
43. 3D printer
44. Sewing Beam cutting Press
45. Single needle lockstitch post bed sewing machine
46. Tea puff activation machine (humidifier)
47. Thermo-folding machine
48. Vamp crimping machine
49. Counter moulding machine
50. Insole tacking machine



51. A pneumatic toe lasting machine
52. Hydraulic seat lasting machine
53. Rough-scouring machine
54. Two station sole press
55. Heel attaching (Nailing) Machine
56. Brushing-polishing machine
57. Double needle lock smith flat bed sewing machine
58. Roughing machine
59. Skiving machine for thermoplastic materials
60. Skiving machine for counters and toes-puff
61. Upper leather splitting machine



## PRODUCTS/SERVICES

Laser cutting, shoe last prototyping, shoe heel fabrication, foot scanning, pattern laser and grading, boxes fabrication, tarpaulin printing, CNC Machining, 3D scanning and printing, sewing and skiving, foot scanning, shoe last correction, laser printing and cutting, pattern grading, toe and heel lasting, moldmaking, various stitching services (straight, double, cylindrical, zigzag, pipe, stroebel, McKay)



Launching of the Shared Service Facilities  
on High Value Custom-Made Leather Goods  
(Batch III)

December 28, 2021  
CITE DTI-NCRO Compound,  
Marikina City





## SHARED SERVICE FACILITIES

### PHILIPPINE TRADE TRAINING CENTER *Digital Fabrication (DIGIFAB)*

Contact Person: Mr. Kyrin Christian V. Pango

Contact Number: 0945 184 2221

Address: Philippine Trade Training Center – Global  
MSME Academy, Sen. Gil J. Puyat Ave., corner  
Roxas Blvd. Pasay, Metro Manila

Date Established: 18 December 2020

Total SSF Funding: PHP 12,744,424

Fund Source: 2018 GAA





Digital Fabrication (DigiFab) Workshops and Services offer aspiring and existing MSMEs, freelance individual designers, and service providers access to hands-on training on the appreciation of creative and functional; designs, 3D printing, product prototyping, and packaging and label designs. The following are readily available at the PTTC DigiFab Training Facility to help the beneficiaries realize their business' vision.



# OBJECTIVES

Specifically, the project plans to do the following:

1. Provide micro, small and medium enterprises (MSMEs), freelance individual designers and partnership enterprises offering services to MSMEs, access to training that offer creative and functional design development, and latest local and international standards on packaging and labelling;
2. Offer hands-on realization to the above-mentioned clients on their created product designs, packaging and labelling by printing their prototypes, producing packages and printing their product labels within the limits of their production capacity;
3. Raise the MSMEs and other clients mentioned above, their sense of awareness on the importance of designs that appeal to their target consumers in the domestic and international markets, with the intention of enabling them to print immediately their design prototypes within their training period;
4. Offer an “after-care support training services” to the above said clients for continuing prototyping/product design, and packaging and labelling enhancement by allowing them to avail of the capabilities of the line of equipment in the digital fabrication facility; and
5. Offer services on product prototyping, packaging and labelling to the key players in the Micro, Small, and Medium Enterprises and the Department of Trade and Industry’s Ecosystem such as but not limited to the 1) Design Center of the Philippines (DCP); 2) Center for International Trade Expositions and Missions (CITEM); 3) All DTI Bureaus, Offices and Attached Agencies and Government Owned and Controlled Corporations; 4) Local Government Units (LGUs); 5) Department of Science and Technology (DOST); 6) Department of Agriculture (DA); 7) Department of Foreign Affairs (DFA); and 7) Department of Finance (DoF), among others.



- Keep budgets and cash-flow tracking records in a notebook
- Have envelopes, files, boxes, and bags to separate and keep receipts, books, loan documents, insurance forms, etc.
- Keep all the documents for together
- Keep records where they are not subject to fire, floods, theft and other hazards





## EQUIPMENT PROVIDED

1. Flatbed cutter
2. 3D printer for non-movable objects
3. 3D printer for precise model output
4. CNC router
5. Milling machine
6. Laser cutter
7. Print and cut machine
8. 17 units Desktop Computers

## PRODUCTS/SERVICES

1. Training on packaging and labelling;
2. Digital fabrication services from the training modules; and
3. Digital fabrication services catering to walk-in MSMEs/clients

## DIGITAL FACRICATION (DIGIFAB)

**For the Training on Packaging and Labelling Design  
for Food and Non-Food Products; and Prototyping**

The DIGIFAB Shared Service Facilities of the Philippine Trade Training Center have accomplished quite a handful of target since its official launch in December 2020. The project team focused on re-evaluating the scope of the facility to further provide stakeholders – MSMEs, government agencies, researchers and the academe – a targeted intervention that contributes to the national innovation growth. The following milestones were achieved as to date:

### **December 2020**

- Became a member of the FAB LABs PH Network.

### **January 2021**

- Conducted an in-house seminar on Machine Use and Maintenance.

### **June 2021**

- Conducted its first regular training seminar on Design Thinking and Development.

### **July 2021**

- Became the FAB LABs PH Network Secretariat.

### **August 2021**

- Launched the Makerspace Management Academy.
- Launched the Appointment Setting Online Form for Prototyping Services.
- Provided a Free Seminar on 3D Printing for Business.
- Had a MOU with BOI and the Printing Industry for the Development of Training Tracks for Printing Workforce.
- Partnered with Norde International Distributors for the Accelerating Makers program.





## SHARED SERVICE FACILITIES

POLYTECHNIC UNIVERSITY  
OF THE PHILIPPINES

*Food Testing and Processing Center  
for Marine Products*

Contact Person: Dr. Elvira Labartine

Contact Number: (02) 335 1787

Address: Pilot Food Plant – PUP Main  
Campus, Anonas, Sta. Mesa, Maynila

Date Established: 16 December 2020

Total SSF Funding: PHP 28,600,000

Fund Source: 2018 GAA







The Polytechnic University of the Philippines – Manila is one of the SUCs in Metro Manila that offers a complete diploma course in Food Technology. Thus supporting the University's request for and approval of the SSF on Food Processing and Testing Center.

The SSF has two (2) major components: the laboratory testing, and the food processing. The Food Testing Laboratory is where physicochemical and microbiological tests will be conducted to comply with the requirement and standards of the FDA for food safety. The Processing area is where raw materials like marine, fruits and vegetables, to name a few, will be processed into bottled or canned food products.



## OBJECTIVE

1. Provide an FDA-accredited laboratory testing and processing facility;
2. Fast-track the development of FDA requirements of the food-based micro, small and medium entrepreneurs;
3. Make available to MSMEs the laboratory testing and food processing services at a reasonable cost;
4. Increase market access of food-based products of NCR in the domestic market and eventually in the export market; and
5. Capacitate PUP department of Food Technology Studies in the operations of the processing facility and in the conduct of accurate laboratory tests for academic and research purposes.

## PRODUCTS/SERVICES

1. Physiochemical analysis;
2. Microbiological analysis;
3. Nutritional analysis; and
4. Food processing of marine products.





## EQUIPMENT PROVIDED

### FOOD PROCESSING

1. Can Seamer (Semi-Automatic);
2. Water Retort (Horizontal Type);
3. Blast Freezer;
4. Freezer;
5. Vacuum Fryer;
6. Spray Dryer;
7. Dehydrator and Dryer Machine;
8. Oil Jacketed Kettle Mixer;
9. 41-1/2 Quart Liquid Capacity Pressure Cooker;
10. Food Mixer;
11. Low Pressure
12. Stock Pot Burner;
13. pH Meter (portable type);
14. Hand Refractometer Set;
15. Analytical Balance;
16. Impulse Sealer;
17. Vacuum Packaging Machine;
18. Capping Machine;
19. Food Processor/Vegetable Cutter;
20. Band Saw;
21. Food Processing Table;
22. Food Processing Table with Sink;
23. Meat Slicer;
24. Smokehouse;
25. Consistometer;
26. Water Activity Tester;
27. Band Sealer;
28. Inkjet Coder;
29. Metal Detector; Silent Cutter;
30. Meat Grinder;
31. Pulverizing Machine;
32. 4-Solid S.S Door Upright Combi. Chiller/Freezer;
33. Ice Maker Machine;
34. Double Jacketed Mixing Pot

### LABORATORY TESTING

1. Adjustable Volume Macropipettes Set;
2. Viscometer;
3. Moisture Analyzer;
4. Hand Refractometer Set;
5. pH Meter;
6. Analytical Balance;
7. Precision Balance;
8. Soxhlet;
9. Recirculating Chiller;
10. Fiber Analyzer;
11. Digital Refractometer;
12. Consistometer;
13. Gas Chromatography;
14. Colony Counter;
15. Incubator;
16. Automatic Autoclave;
17. Biological Refrigerator;
18. Binocular Microscope;
19. Vortex Shaker;
20. Biosafety;
21. Drying and Heating Oven;
22. Water Activity Tester;
23. Atomic Absorption Spectrometer;
24. UV Vis Spectrophotometer;
25. E-Burette;
26. Hotplate Magnetic Stirrer;
27. Fume Hood;
28. Muffle Furnace;
29. Chromatography;
30. Laboratory Test Sieve Set;
31. Centrifuge;
32. Total Dietary Fiber Kit;
33. Rancimat;
34. Stainless Steel Hotplate;
35. Histamine Analyzer;
36. pH Meter (Counter Type)





The Launching of the Shared Service Facility on Food Processing and Testing Center for Marine Food Products was held on 16 December 2020 at the Pilot Food Plant of PUP. The management of the facility, through a usufructuary agreement, was turned over to PUP - Food Technology Department.

The Department of Trade and Industry thru its Shared Service Facility (SSF) made a big impact to the University for having a Pilot Food Plant by providing machinery, equipment, and tools. Furthermore, the various trainings conducted greatly helped the clients assisted through the SSF. It equipped them with the knowledge and skills to help them better manage and level-up their businesses in the long run. The facility will provide the clients in making and keeping their food products competitive in both the local and global markets, maintaining lower production costs and higher sales growth once the facility will be fully up and running.







Samahan ng mga Pilipina para sa Reporma at Kaunlaran

## SHARED SERVICE FACILITIES

### SAMAHAN NG MGA PILIPINA PARA SA REPORMA AT KAUNLARAN

*Wearables and GHD Sectors*

Contact Person: Ms. Raida Tumaliuan and  
Kgd. Sheila Gallanosa

Contact Number: 0997 170 1075

Address: Greater Lagro & Sto. Cristo,  
Quezon City

Date Established: 15 March 2019

Total SSF Funding: PHP 946,500

Fund Source: 2018 Funds





Shared Service Facility in Barangay Greater Lagro

## COOPERATOR'S STATEMENT

SPARK! Philippines or Samahan ng mga Pilipina para sa Reporma at Kaunlaran (Alliance of Women for Reform and Progress) is a Philippine-based non-governmental organization that is committed to realizing the full potential of Filipino women through capacity-building initiatives that empower them economically. We are honored and grateful that different groups have supported our work from public and private sectors, particularly the Department of Trade and Industry (DTI). In partnership with DTI and the local government of Quezon City, two shared service facilities that house a number of high-powered sewing machines were set up in Barangay Sto. Cristo and Barangay Greater Lagro.

SPARK Philippines thanks the Department of Trade and Industry for providing sewing machines that helped micro-entrepreneurs from the Barangay increase their production and earn better income. SPARK and DTI worked with the Barangays and project beneficiaries in a series of trainings and coaching sessions as we journeyed with them towards women economic empowerment. Further, this program helped women micro-entrepreneurs increased productivity and income by embracing bulk orders and penetrating new markets while also showcasing the innate talent and unique ingenuity of Filipina craftsmanship.

Apart from the free use of the facility, the women in the communities were trained to improve their skills in sewing to produce various products from pillowcases and beddings to dresses and other articles of clothing as well as their knowledge on product development which internationally acclaimed designer Zara Juan delivered. Under Ms. Juan's supervision, the women were able to produce bags that were given as tokens during the celebration of Women's Month 2021. Moreover, they were able to close a deal with J. Amado Araneta Foundation as a provider of personal protective equipment (PPEs) for the QC-frontline and healthcare workers. With the help of Mayor Joy Belmonte and the Quezon City Small Business and Cooperatives Development Promotions Office, they are now registered as a cooperative. These Shared Service Facilities have benefitted more than sixty families.

**Mikaela Luisa Carmen Teves**

Executive Director

SPARK! Philippines or Samahan ng mga Pilipina para sa Reporma at Kaunlaran



## OBJECTIVE

Thru the establishment of the SSF Project, the following objectives are expected to materialize:

1. To enhance competitiveness of micro-enterprises in Quezon City thru provision of specialized machines under a shared system to increase their productivity and reduce cost of production;
2. To encourage and promote use of indigenous raw materials;
3. To promote preservation and integration of Filipino culture and its creative expressions to the products produced by micro-entrepreneurs based in Quezon City; and
4. To serve as a platform for partnership between micro-entrepreneurs based in Quezon City and producers/processors of indigenous materials from the different parts of the country with special consideration for women in Marawi.



*Shared Service Facility in Barangay Sto Cristo*

The DTI-NCRO in partnership with Samahan ng mga Pilipina para sa Reporma at Kaunlaran (SPARK! Philippines) as the project cooperator has established a Shared Service Facility Project on Wearables and GHD Sectors in Quezon City in March 2019. The project is envisioned to be the key driver for efficiency increase and cost reduction of micro-entrepreneurs based in Quezon City. It will serve as a platform that will help micro-entrepreneurs improve their designs and develop innovative products that showcase the innate talent and unique ingenuity of Filipino craftsmanship wherein culture is also imbedded. The project proponent believes that the SSF will help them achieve its “mantra”: Create, nurture, transform and build a better Philippines.

The primary service of SSF on Wearables and GHD is the provision of sewing services to sewers beneficiaries bundled with free technical assistance in terms of training, product development, raw material sourcing and market matching.



## EQUIPMENT PROVIDED

1. 3 units Edging Machine
2. 3 units Round Cloth Cutting Machine
3. 3 units Walking Foot machine
4. 6 units Cylindrical Walking Foot Machine
5. 6 units Zigzag/Embroidery Sewing Machine
6. 9 units Single Needle/Straight Sewing machine

## PRODUCTS/SERVICES

Sewing of Bags (sling bags, lunch bag, shoe bag, pouches), table runners, placemats, coasters, apron, curtains, bed sheets, pillow cases,



SSF Launching in Brgy. Greater Lagro, Quezon City; March 15, 2019



*In Photos (L-R)*

*Ms. Mikaela Teves, Executive Director, SPARK, Phils. Mr. Leo Gara, Brgy. Captain, Lagro, QC; ARD Rodolfo Mariposque, Former OIC of DTI-NCRO, Hon. Alfred Vargas, Cong. District 5, Q.C, Hon. Josefina "Joy" Belmonte, City Mayor, QC and Brgy. Greater Lagro Councilors.*

SSF Launching in Brgy. Sto. Cristo, Quezon City; March 18, 2019



*In Photos (L-R)*

*Ms. Mikaela Teves, Executive Director, SPARK, Phils. Ms. Elma P. Viray, Head, DTI-NCRO Area 3; Kagawad Tony Panlilio, Mr. Rey Mark John "Mac" Navarro, Brgy. Captain, Sto. Cristo, QC; Kagawad Sheila Gallanosa; Councilor Mayen Juico, District 1, QC and Atty. Bayani Hipol, Former Head, QC-SBCDPO.*



Bookkeeping 101 | March 4,



Financial Literacy | March 18, 2021



Entrepreneurial Mind-set cum Business Planning & Action Plan Writeshop | June 24-25, 2021



# ACTIVITIES



## Series of Capacity Building Activities Conducted For the SSF-Beneficiaries

5 -Day- Sewers Training Course / October 21-25, 2019



PopQC showcases the artistry and innovation of city-honed products through trade shows, bazaars and exhibits. It aims to promote city-made products and provide local market-access platform for MSEs and Cooperatives in Quezon City. This will serve as the official branding of QC Based products.

Spark Philippines Participated to IPopQC, last October 2019.



Awarding and turn-over of PPE Suits produced by QC sewer-beneficiaries to QC-LGU Health Workers and Frontliners in partnership with J. Amado Araneta Foundation.

*In Photos (L-R)*

*Ms. Elma P. Viray, Head, DTI-NCRO Area 3; Ms. Mona Celine Yap, OIC-QC Small Business Cooperative Development Promotion Office (SBCDPO); Mayor Joy Belmonte; Ms. Dianne Romero, Executive Director, Amado J. Araneta Foundation and Ms. Mikaela Teves, Executive Director, SPARK, Phils.*



Completion of the delivery of 1,000 PPE suits ordered by Araneta Foundation last April 2021





## SHARED SERVICE FACILITIES

### STO. ROSARIO MULTI-PURPOSE COOPERTIVE

#### *Expansion for the Paper Rosary & EKO - Fashion Accessories*

Contact Person: Ms. Ara Santiago  
Contact Number: (02) 8961 7586 /  
09464328878

Address: 83 G. Marcelo St., Maysan,  
Valenzuela, 1440 Metro Manila

Date Established: 10 June 2015

Total SSF Funding: PHP 310,000

Fund Source: 2013 GAA







Sto. Rosario Multi-Purpose Cooperative provides a livelihood opportunity to its skilled housewives members in Brgy. Maysan to create fashion accessories from old magazines, thus giving them means to support their families.

During the early days of the cooperative when clients are still few, the office staff spend their extra time making rosaries out of plastic beads. The chairman Rev. Msgr. Albert Suatengco, parish priest of Our Lady of the Holy Rosary Parish suggested to make rosaries to serve as cooperatives identity. Until one day, a parishioner approached Msgr. Albert and gave him a rosary as a gift. The rosary is something unique which made him curious and asked the raw material used for it and found out that the beads are made out of used magazine paper.

The parishioner is also a livelihood trainer and was asked to teach the cooperative members on bead making. The Board of Directors immediately approved the funding for the livelihood project and the rest is history. The rosaries began its journey in the market in City of Valenzuela and later on also in other Cities in Metro Manila and other places in the country thru its participation in trade fairs, bazaar and exhibits organized by the Department of Trade and Industry. The rosaries are also sold in some religious and prestigious specialty stores in Metro Manila.





In 2008, Sto. Rosario Multi-Purpose Cooperative started their expansion to more product lines and this gave birth to their Eko Fashion Accessories. Using old magazines, wire, glue, and creative imagination, trash can become treasure. The rosaries and fashion accessories are all hand-crafted. The paper beads, made out of recycled paper, are remarkably one of the finest in the market .



## PRODUCTS/SERVICES

Production of paper rosaries and fashion accessories (bracelet rosary, necklace, bracelet, earrings)



*Paper Rosary Bracelet with Pouch*

## EQUIPMENT PROVIDED

1. 1 unit heavy duty paper cutting
2. 2 units stainless top working table
3. 1 set desktop computer



*Paper Rosary Bracelet*



*Five Decade Paper Rosary with Wooden Box*



*Paper Fashion Bracelet*



*Fashion Necklace*





## SHARED SERVICE FACILITIES

UNIVERSITY OF THE PHILIPPINES  
(Diliman, College of Fine Arts)

*Digital Enabled Manufacturing for Business  
Enterprises in the Philippines*

Contact Person: Mr. Fortunato dela Peña  
Contact Number: (02) 981 8732 / 0920 826 0196  
Address: UP College of Fine Arts, E. Jacinto, St.,  
Diliman, Quezon City  
Date Established: 22 November 2016  
Total SSF Funding: PHP 12,340,335  
Fund Source: 2014 Funds





## UP-CFA COOPERATORS' STATEMENT

The UP College of Fine Arts Fab Lab or UP CFA FabLab was able to help advance research, empower startups, serve as a technology hub for MSMEs, help develop the local ceramics industry, support social enterprises, help and keep food businesses ahead of the curve, provide a conducive maker environment for creatives and artists, and help nurture the next generation of students, artists, designers, innovators and technopreneurs. Ever since we started, the number of FabLab users and beneficiaries have been steadily increasing. From 2018 to 2019 the number of MSME assisted grew by 60%. Our facility have also helped design students create their winning entries in international design competitions. The SSF program has all the components of excellency and has made a huge impact which extended beyond the radius of our community through our online programs. In behalf of all the beneficiaries, I would like to take this opportunity to convey our deepest gratitude to the Department of Trade and Industry and all our partners who have given continuous support. Padayon!

**Mitzi Marie A. Reyes**

Dean, UP- College of Fine Arts



### Launching of UP-CFA Fablab/November 23, 2016

(From Left to Right: Ms. Vicky Babaran of DTI-NCRO Area 3; Ms. Elma Viray, DTI-NCRO Area 3 Head; Dir. Virgilio Fulgencio of DTI-CB; SPARK Board of Trustee Amelia Alonzo; DTI Asst. Secretary Ireneo Vizmonte; Dean Leonardo Rosete of UP-CFA; DTI-Asst. Secretary Blesila Lantayona; DOST Secretary Fortunato De La Peña; Ms. Regina Samson – QC Office of the Mayor; DTI-Corp. Plan Dir. Jean Pacheco; DTI-ISMS Dir. Laudemer Solidum; PCCI-QC President Pax Maghacot and DTI-KMIS Director Patricia May Abejo)



# OBJECTIVES

The Shared Service Facility for UP CFA aims to establish a learning and prototyping center that will augment the core competencies of existing manufacturers and emerging entrepreneurs in digital-enabled manufacturing workflows guided by art and design principles by:

1. Introducing them to creating designs guided by creative principles;
2. Training them in computer-based and digital methods of designing and manufacturing;
3. Demonstrating how digital technology can transform production workflows in various industry sectors;
4. Creating new products and product systems using digital-enabled manufacturing technologies; and
5. Aligning digital enabled designs and development and traditional production systems.

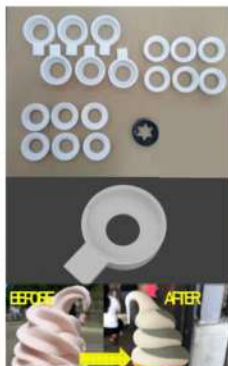
# EQUIPMENT PROVIDED

- |  |  |
|--|--|
| 1. 30 units Computer Software - Graphics (Adobe CS6) | 22. 1 unit Front Loading Gas Kiln  |
| 2. 1 unit LED Display                                | 23. 1 unit Vacuum Forming Machine  |
| 3. 1 unit CNC Laser Cutter                           | 24. 1 unit Vacuum Drying Oven  |
| 4. 1 unit CNC Router                                 | 25. 1 unit Pressure Chamber  |
| 5. 2 units Cut-off Saw                               | 26. 30 units Desktop   |
| 6. 1 unit GMAW Machine                               | 27. 30 units Commercial 3D Computer graphics and Computer-Aided (CAD) software |
| 7. 1 unit SMAW Machine                               | 28. 12 units Electric potters wheels   |
| 8. 1 unit Sheet Metal Combination Tool               | 29. 5 units Jigger and Jolley machine  |
| 9. 1 unit Plasma Cutter                              | 30. 1 unit Combination Rolling Mill  |
| 10. 1 unit Milling Machine                           | 31. 10 units Soldering Rework Station with Soldering Iron                      |
| 11. 1 unit Lathe                                     | 32. 10 units Auto darkening Welding Mask                                       |
| 12. 1 unit 3D Laser Scanner                          | 33. 1 unit Mobile Casting Station  |
| 13. 4 units Handheld Scanner                         | 34. 2 units Slip Mixer/Reclaimer   |
| 14. 5 units 3D Printer (Fused Filament (FDM/FFF)     | 35. 1 unit Guillotine Shear  |
| 15. 1 unit 3D Printer (DLP - Stereolithography)      | 36. 5 units Jeweler's Equipment Station  |
| 16. 1 unit Chainsaw                                  | 37. 1 unit Jewelry Finishing Tool  |
| 17. 1 unit Table Saw                                 | 38. 1 unit Stone Polishing Tumbler Magnetic                                    |
| 18. 1 unit Band Saw                                  | 39. 1 unit Stone Polishing Tumbler Vibratory                                   |
| 19. 2 units Drill Press                              | 40. 3 units Electroplating Power Supply 15V                                    |
| 20. 1 unit Router Table                              | 41. 2 units Electroplating Power Supply 30V                                    |
| 21. 1 unit Jointer/Planer Combination                |  |

# PRODUCTS



Product Prototyping Assistance to different MSMEs Under Food, Wearables and Creative Design Sectors



BEATI FV Corporation (Mr. Scoopee) Upgrading of nozzle profiles of their machines through 3D Modelling and 3D Printing to make their soft ice cream look "softer" and "cloud like"



Bobby Escueta Bambike Socio-ecological enterprise that builds bikes with a community development program in Philippines.







Conduct of Consultative Meeting with QC-LGU, QC – Business Leaders (QC-PCCI & QC – FCCC), UP- Diliman Key Officers and DTI-NCRO held at UP-CFA Conference Room, Lakandula St, Diliman, Quezon City last 03 December 2019



Seminar Workshop on Packaging Your Way to Your Clients Appetite participated by 16 MSMEs/ September 30, 2019 / UP-College of Fine Arts, Fabrication Laboratory, Quezon City



Conduct of Accelerating Makers 2019: Celebrating Innovations | August 22, 2019



Benchmarking Mission of Vietnam's Agency for Rural Industry and Trade (ARID) last Sept. 27, 2019

The SSF for Digital Enabled Manufacturing for Business Enterprises in the Philippines or UP FabLab was established in partnership with the University of the Philippines – College of Fine Arts in 2016. The UP - FabLab aims to establish a learning and prototyping center that will augment the core competencies of existing manufacturers and emerging entrepreneurs in digital-enabled manufacturing workflows. The facility has been catering to different industries such as jewelry, ceramics, metal, wood, and plastic. It also has digital design and prototyping facilities.

To date, the UP FabLab has been assisting numerous clients including MSMEs, emerging MSMEs, students, faculties, among others. Overall, the FabLab has created a conducive environment not just for the entrepreneurs but for the emerging entrepreneurs as well. The facility has been a technology hub for research advancement, scaling up of businesses through product and/or design development using the available equipment. Furthermore, the FabLab has created an environment conducive for social entrepreneurs and well as for technopreneurs.



## CONNECT WITH US!

### NATIONAL CAPITAL REGIONAL OFFICE

**Marcelina S. Alcantara**  
DTI-NCRO Regional Director  
Phone: 8811-8232  
Email: NCR@dti.gov.ph

#### REGIONAL COORDINATOR:

**Mary Joy S. Mojica**  
Phone: 8811-8232  
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### AREA 1

(Manila Pasay, Parañaque)

**Corona Olivia O. Rivera**  
Chief Trade-Industry Development Specialist  
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#### SSF COORDINATORS:

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Email: leaneantoinnettefernando@dti.gov.ph

**Ma. Leslie E. Cadalso**  
Phone: 8811-8293  
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### AREA 2

(Pasig, Makati, Taguig, Pateros, Muntinlupa, Las Piñas)

**Rowena D.B San Jose**  
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#### SSF COORDINATOR:

**Joseph Angelo SM. Tullao**  
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### AREA 3

(Mandaluyong, San Juan, Marikina, Quezon City)

**Elma P. Viray**  
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#### SSF COORDINATOR:

**Sylvia M. Ron**  
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Email: sylviaron@dti.gov.ph

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### AREA 4

(Caloocan, Malabon, Navotas, Valenzuela)

**Rose Marie S. Berte**  
Senior Trade-Industry Specialist  
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#### SSF COORDINATORS:

**Melchor O. Sotto Jr.**  
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**Jessica Lanugan**  
Phone: 8811-8236  
Email: jessicalanugan@dti.gov.ph

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### CITE

(Center for Innovation and Technology Enterprise)

**Ferdinand O. Angeles**  
Supervising Trade-Industry Specialist  
Phone: 7941-4561  
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