



Training Workshop on **Bamboo Handicraft**

SEPTEMBER 6-8, 2023
Basao Gattaran, Cagayan





Republic of the Philippines
CAGAYAN STATE UNIVERSITY
CARIG CAMPUS
Carig Sur, Tuguegarao City, Cagayan, Philippines

I. BASIC INFORMATION

Program: Resource Support Development under Paggurufunan para ta Progreso

Title of Training/Seminar: Skills Training Workshop on Bamboo Handicraft

Theme:

Training Provider/Proponent

Civil Engineering Department
College of Engineering and Architecture
Department of Trade and Industry-Cagayan Provincial Office

Target Participants:

The participants of this seminar are the barangay officials, Barangay Development Council and Sangguniang Kabataan of Eastern Barangays and Barangay Leonarda

Number of Participants

No. of Participants	Barangay
30	Members of Agta Community
5	Barangay Officials
5	Members of Sangguniang Kabataan of Basao

Venue: Barangay Basao Barangay Hall

Committees:

Committee	Person-In-Charge
Programme Invitation Certificates Tokens	Engr. Ralph Angelo Estiller Engr. Frances Lorane Calapini Engr. Louise Victoria Beltran
Registration and Evaluation Committee	Engr. Joseph Cabalbag Engr. Leomar Juliano Engr. Angelica Coballes Dr. Emer Quezon
Emcee	Engr. Ralph Angelo Estiller
Documentation	Engr. Frances Lorane Calapini PICE CSU Student Chapter
Overall In-charge	Dr. Audy Quebral Engr. Ralph Angelo Estiller



II. RATIONALE

Bamboo craft is a cultural tradition woven with the long history and culture of the Filipino people. With the spread of globalization, it has generally become an important aspect of cultural heritage showcasing the rich heritage and culture of different tribes in the Philippines. The history of bamboo craftsmanship in the Philippines has evolved as times have changed. In an agro-farming society dominated by kinship and clan groups, bamboo craftsmen mainly worked in areas where bamboo was produced or where bamboo industries congregated. Bamboo craftsmanship emerged as an important industry since bamboo is very abundant in the Philippines couple with the support development programs of the Department of Trade and Industry Bamboo. However, the demand for bamboo products dropped dramatically in the 1980s, resulting in a decreasing number of bamboo manufacturers. Soon, only a tiny number of small, household workshops or individual bamboo handicraft practitioners remained, with their focus turning to individual workshops or craft teaching. In the age of the internet, bamboo handicrafts not only serve as useful tools in daily life, but they are also becoming endowed with new social functions.

Bamboo has been rightly called as 'wondergrass' due to its multifarious uses. No other plant material can provide a strong competition to bamboo due to its excellent properties and attributes which make it suitable for numerous end products/ purposes. Although bamboo is very strong and hard in its natural form, however when converted into a thin sliver, it can be very flexible owing to its strong fiber property. This special property has been exploited by the users from all over the world for many centuries. It requires special skills for bamboo-weaving that has opened multitude of employment generation activities.

The small community of Agtas in Basao Gattaran is composed of several households. The community is located on a hillside near the Burayoc falls which is a developing tourist spot. The life in the community is very simple with no electricity and no source of potable water.

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The focus of this study is to capacitate the members of the agta community, barangay officials and members of the sangguian kabataan of barangay basao on bamboo handcraft and hydroponic gardening.

Objectives:

This training workshop aims to capacitate the members of the agta community, barangay officials and members of the sangguian kabataan of barangay basao on bamboo hand crafting.

Specifically it aims to:

- a. Discuss the sustainability of bamboo crafting and its marketability potential.
- b. To select the most suitable type of bamboo for weaving baskets and other bamboo products.
- c. To discuss the different treatment methods for bamboo to be used in crafting.
- d. To discuss the different weaving methods.

III. MECHANICS/METHODOLOGY

To facilitate conceptual understanding and application of learning and to gauge how much the participants have learned/understood with the use of combined methodologies:

1. Lecture Presentations and Interactive Discussions
2. Conduct of hand-on activities/ workshop.

IV. EXPECTED OUTPUT

The participants are expected to be equipped with basic knowledge on bamboo weaving techniques.

8.



V. TRAINING TOPICS AND RESOURCE PERSONS

Topic	Resource Person	Contents	Time allotment	Training Requirements from participants
SUSTAINABILITY OF WOVEN BAMBOO PRODUCTS	Joseph Tesoro <i>DTI-accredited bamboo crafting trainer</i>	- Policies on Bamboo production and use. - Bamboo production in the Philippines - Introduction to bamboo crafting	8:00 -12 :00 (D1)	Attendance Morning and Afternoon
TRAINING ON BAMBOO WEAVING TECHNIQUES	Joseph Tesoro <i>DTI-accredited bamboo crafting trainer</i>	- Harvesting, grading, and storage of bamboo clams - Workshop safety - Tools and equipment - Dyeing and finishing methods	1:00-4:00 (D1) 8:00-5:00 (D2)	Evaluation

PROGRAMME (DAY 1)

PART 1: Opening Program	
Invocation	Audio Visual Presentation
National Anthem	Audio Visual Presentation
Welcome Remarks	Hon. GILBERT GUILLERMO <i>Barangay Chairman, Basao Gattaran</i>
Rationale of the of the Training Workshop	Engr. RALPH ANGELO ESTILLER <i>College Extension Coordinator</i>



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Message	Ms. MARICRIS GALINGGANA <i>Trade and Industry Development Specialist/ Provincial Bamboo Focal Person</i>
Photo-Opportunity	All participants and Guests
PART 2: Training Proper	
Basic Tools and Equipment in Bamboo Weaving	Mr. Joseph Tesoro <i>DTI Accredited Trainer for Bamboo Handicraft</i>
Open Forum & Lunch Break	
Bamboo Weaving Techniques Part 1	Mr. Joseph Tesoro <i>DTI Accredited Trainer for Bamboo Handicraft</i>

PROGRAMME (DAY 2)

Invocation	Audio Visual Presentation
Workshop on Bamboo Weaving	Mr. Joseph Tesoro <i>DTI Accredited Trainer for Bamboo Handicraft</i>
Open Forum	
Lunch Break	
Workshop on Bamboo Weaving	Mr. Joseph Tesoro <i>DTI Accredited Trainer for Bamboo Handicraft</i>

PROGRAMME (DAY 3)

Invocation	Audio Visual Presentation
National Anthem	Audio Visual Presentation
Message	Hon. SAMUEL G. SIDDAYAO <i>Municipal Mayor, Gattaran Cagayan</i>
Message	Ms. MARICRIS GALINGGANA <i>Trade and Industry Development Specialist/ Provincial Bamboo Focal Person</i>
Presentation of Outputs	Mr. Joseph Tesoro <i>DTI Accredited Trainer for Bamboo Handicraft</i> ALL PARTICIPANTS
Photo-Opportunity	All participants and Guests
PART 3: Closing and Awarding of Certificates	

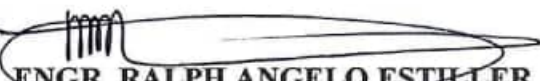


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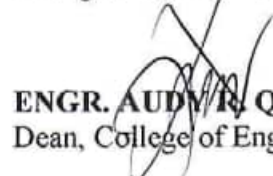
VI. BUDGETARY REQUIREMENT

ITEM	Details/Description	Quantity	Unit Cost	Amount
1. Food	Lunch (D1)	50	110	5500
	Lunch (D2)	50	110	5500
	Lunch (D3)	50	110	5500
	snack (AM and PM)	50	-	To be provided/shouldered by DTI
2. honoraria	Tokens/ honorarium of speakers	1	3000/day	9,000
Total				25,500

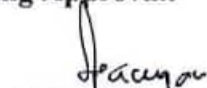
Prepared by:


ENGR. RALPH ANGELO ESTELLER
College Extension Coordinator

Noted:

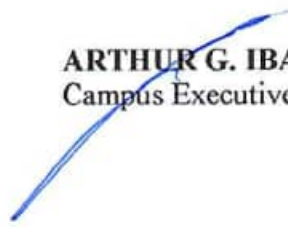

ENGR. AUDREY QUEBRAL, DPA
Dean, College of Engineering and Architecture

Recommending Approval:


JENNILY E. ACUPAN, MA
Campus Extension Coordinator


POLICARPIO I. MABBORANG, ASEAN ENGR.
Director, Research for Development and Extension

Approved:


ARTHUR G. IBANEZ, Ph D, ASEAN ENGR.
Campus Executive Officer



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NARRATIVE REPORT

Skills Training Workshop on Bamboo Crafting

September 6-8, 2023

Basao, Gattaran Cagayan

Extension is one of the core functions of higher education institution that derives its plans and programs for the delivery of community services from community needs assessment and research outputs. The College of Engineering and Architecture extension and community engagement programs are geared toward empowering communities to achieve sustainability through various applications of engineering programs and solutions.

In partnership with the Department of Trade and Industry-Cagayan Provincial Office, and PICE Cagayan Chapter, the College of Engineering and Architecture launched a three-day skills training workshop on bamboo crafting at Basao Gattaran Cagayan which aims to help capacitate the members of the Agta Community of Basao on Bamboo Crafting.

This training proper is composed of three parts namely:

1. Opening Program/ presentation of rationale of the activity
2. Training Proper
3. Presentation of Outputs

During the opening program, Engr. Ralph Angelo Estiller presented the rationale of the training workshop followed by a message from the Provincial Bamboo focal person, Ms. Maricris Galinggana who is also the DTI-Cagayan representative. Hon. Gilbert Guillermo also extended his gratitude to the CSU-COEA and DTI for launching such project and choosing their barangay to be the beneficiary.

The training proper started right after the opening program until the second day where participants was personally assisted by Mr. Joseph Tesoro, a DTI-accredited trainer on bamboo crafting. The raw materials used during the training workshop were supplied by the barangay officials.



During the third day, the participants were then encouraged to present their outputs to the CSU-COEA representatives, DTI-Cagayan representatives and to the LGU of Gattaran. The municipal mayor of Gattaran, Hon. Samuel Siddayao, personally attended the closing event and was fascinated with the outputs presented by the participants of the training.

DOCUMENTATIONS:



Outputs presented during the Closing program



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Mr. Tesoro is personally assisting the participants during their workshop



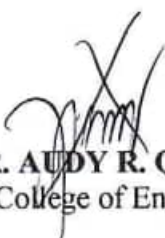
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Prepared by:


ENGR. RALPH ANGELO ESTILLER
College Extension Coordinator

Noted:


ENGR. AUDY R. QUEBRAL, DPA
Dean, College of Engineering and Architecture



Republic of the Philippines
Cagayan State University
Carig Campus

Title of Training:

TRAINING WORKSHOP ON BAMBOO HANDICRAFT

Venue:

Binsao, Cattan, Cagayan

Date:

Sept. 6-8, 2023

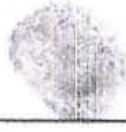
PARTICIPANTS PROFILE

No.	Name	Sex	Civil	Religious	Age	Date of Birth	Highest Degree/ Major	Agency	Position	Contact	Membership to	Signature
		M/F	Status	Affill.		(m/d/yy)			Number	Org.		
1	Lucena Mennul	F		C	68	03-07-55						Mennul
2	Lolita L. Javier	F	M		65	05-18-58						Javier
3	Elinor Alvar	F	M	church of Crist	67	04-						
4	Cristina Tumalivan	F		church of Crist	31	02-1992						C. Tumalivan
5	Jessica Carraga	F		church of Crist	26							
6	Rizza Ancheta	F			17	01-16-2006						Ri Ancheta
7	Myrna Ancheta	F		church of Crist	35	04-08-1989						MA Ancheta

8	Gilbert Guillen	M	M	BACK TO COSTA	58	03/04/65							gilben
9	Abramo de T...	M	M		44	04/76							abr de
10	Leo nicolas	M	M		54	12-29-61							Lnjalas
11	DARALYN	F	S		16	11-11-2007							
12	WILMA GONZALES	F	M		57								
13	Loelyn Bant	F	M		52	3-19-1971							launt
14	Adela Mabag	F	M		59	5-25-44							amomabag
15	Maria Cristina Vicent	F	M		35	06-13-88							vicent
16	Maidel P. Agag	F	M		41	07-20-82							agag
17	Rebilda R. Guillen	F	M		57	11-08-65							ngillen

18	ROBERT B LAZARO	M	M	INC	52	03-27-71						Mingos
19	Jake B. DeLaCruz	M	M	CHRISTIAN	37	07-25-86						Jerry
20	Brenda Montezuma	F	M	"	32	06-01-91						B. Montezuma
21	Dominador N. Flores	M	S	"	43	May 10-1979						D. F.
22	Lito Gonzalez	M	M	"	52	05-10-72						Lito
23	Dominador Flores	m	s	COC	20	5.2003						Flores
24	Marina G. Palad	F	M	COC	32	9.1990						M & Palad
25	Aderna Flores	F	M	"	43	3.1980						A.F.

No.	Name	Sex	Civil	Religious	Age	Date of Birth	Highest Degree/ Major	Agency	Designation/ Position	Contact Number	Membership to Org.	Signature
		M/F	Status	Affil.		(m/d/yy)						
26	Rolando Ruiz	m	m	Catholic	68	07-06-55						

27	Worlito Arellano	M	S	COC	15	Jun 1 2009							
28	Angelo Diaz	M	S	COC	25	Aug 18, 1991							Diaz
29	Michael Santiago	M	M		37	May 06, 1986							M. Santiago
30	Yvonne + Thomas	M	M	COC	63	06-02-58							Yvonne
31	Erinna Flores	F	S	"	15	03-02-04							
32	Dyna Flores	F	S	"	10	12-06-12							
33	Edwin Capino	F	S	"	32	12-24-91							E. Capino
34	Lucia Manuel	F	W	COC	68	3-7-55							Manuel
35	Marko Capino	M	S	"	9	06-18-14							
36	JosHwa Ballesteros	M	S	"	24	05-27-99							Josefina

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ATTENDANCE SHEET

ACTIVITY: TRAINING-WORKSHOP ON
BAMBOO HANDICRAFT (Day 1)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
1.	Myrna Ancheta				MA Ancheta
2.	Jacob Ancheta				J. A.
3.	Marina G. Palad				MG Palad
4.	Edw Incapina				EC
5.	Wilma Gonzales				WG
6.	Lito Gonzales				Lito G
7.	Cristina Tumaliuan				C. Tumaliuan
8.	Darilyn Flores				D. Flores
9.	Warlito Arellano				W Arellano
10.	JC				JC
11.	Rizza ancheta				Ri Ancheta
12.	Jennyfer Ancheta				J. A.



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BAMBOO HANDICRAFT (Day 1)

VENUE: _____

DATE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
13.	Joey Ancheta				J. A
14.	Dominador Flores				D. F.
15.	Darlina Flores				D. Flores
16.	Brilda Mondragon				B. Mondragon
17.	George Alambat				
18.	Eduardo Mondragon				E. M
19.	JOMAR TUMAYAN				
20.	Aderna Flores				A F
21.	Rosario Umaga				R U
22.	DARWIN FLORES				D. F
23.	Elinor ALLIAR				E A
24.	Myline Capino				M. Capino



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ATTENDANCE SHEET

ACTIVITY: TRAINING-WORKSHOP ON
BAMBOO HANDICRAFT (Day 1)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
25.	Quarito Alviar				
26.	Emelyn Capino				
27.	Criselle Capino				
28.	Marco Capino				
29.	Trisha Capino				
30.	Jocelyn Barit				
31.	Maria Cristine Vicente				
32.	Thelma Agamata				
33.	Lolita Javier				
34.	JORREY Agamata				
35.	Lucas Manuel				
36.	Roberto Ruiz				



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ACTIVITY: **TRAINING-WORKSHOP ON**
BAMBOO HANDICRAFT (Day 1)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
37.	RUTHZEN EMCKA A. BANTUA	DTI	F	09067025407	+
38.	Marianis L. Galinggana	DTI	F	09171189460	
39.	Rebecca R. Pullins		F		
40.	CINOFRE B VALDEZ				
41.	Jack B. De la Cruz				
42.	RYNTO VICENTE				
43.	SHEPYL JOHNSON				
44.	JOSEPH B. TESORO				
45.					



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ACTIVITY: **TRAINING-WORKSHOP ON**
BAMBOO HANDICRAFT (Day 2)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
1.	Lucena Mamul		F	09069184268	L Mamul
2.	LOlita L. Javier		F		L Javier
3.	Elinor Alvarez				
4.	Cristina Tumaluan		F		C. Tumaluan
5.	JESSICA Cariaga		F		
6.	Rizza Ancheta		F		R. Ancheta
7.	Myrna Ancheta		F		maancheta
8.	Gilbert & Guillermo		M	09757704170	Gilbert
9.	Alexander de Leon		M		ad Leon
10.	Leo Villalva		M		lvillalva
11.	DARALYN		F		
12.	WILMA GONZALES		F		



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DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
13.	Joelyn C. Berit		F	09753283281	Joelyn
14.	Adela N. Mabrag		F		amabrag
15.	Maria Cristine Vicent		F	0906-83 94-523	vicent
16.	Maidel D. Agag		F	0975 240 5762	agag
17.	Rechilda R. Guillermos		F		guillermos
18.	ROBERT B LAZARO		M	09752436712	Roberto
19.	Jake B. De la Cruz		M	09657229194	Jake
20.	Brenda mardor		F		B. mardor
21.	Dominador u Flores SR		M		D.F.
22.	Lito GONZALES		M		Lito
23.	Dominador Flores		M		Flores
24.	Marina G. Palad		F	09361009397	M G Palad



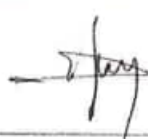
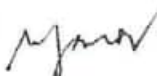
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DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
25.	Aderna Flores		F		A F
26.	Rolando B. Ruiz		M		
27.	Warlito Arellano		M		
28.	Angelo Diaz		M		
29.	Michael Santiago		M		M. Santiago
30.	Carmen M. Torres		M		
31.	Eppina Flores		F		
32.	Dyna Flores		F		
33.	Edwin Capino		M		E. Capino
34.	Lucena Manuel		F		
35.	Marko Capino		M		
36.	Joshua Ballesteros				



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DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
37.	Jack Piga	M			
38.	Marte Laddaran	M			
39.	Joey Ancheta	I	M		
40.	Jacob Ancheta		M		
41.					
42.					
43.					
44.					
45.					



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ACTIVITY: TRAINING-WORKSHOP ON
BAMBOO HANDICRAFT (Day 3)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
1.	Edwin Capino				EC
2.	Emelyn Capino				Em
3.	Jerwin C. Timaluan				J.T
4.	Memo Capino				M.C.
5.	Cristina Timaluan				C. Timaluan
6.	Krishel Capino				K.C.
7.	Erwin Mondajar				E.m.
8.	Brynder Mondajar				B. Mondajar
9.	Eduardo Mondajar				E.M
10.	DARWIN Flores				D.F
11.	Rosario Umenga				R.U
12.	Michel Flores				M.F.



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DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
13.	Dagna Flores				D. F.
14.	Darlina Flores				D. F.
15.	Aderna Flores				A. F.
16.	Dominador Flores SR.				D. F.
17.	Wilma Gonzales				W G
18.	Lito Gonzales				
19.	Juanito Alvarez				J Alvarez
20.	Eleanor Almar				E. A.
21.	Warlito Arellano				W A
22.	Dominado Flores Jr.				D. F.
23.	Darilyn Flores				D. F.
24.	Rizza Ancheta				R. Ancheta



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VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
25.	Myline Capino				M. Capino
26.	Myline Angela Laguiman				A. N
27.	Jessica Cariaga				J.C.
28.	angelica Lagumon				AL
29.	Jesabel Capino				J.C.
30.	Franklin Capino				FC
31.	MAREN CARIAGA				MC.
32.	CLEN NACION				CN
33.	CARL NATION				CNC
34.	adela Matay				ammatay
35.	Maribel De Torre				MDT
36.	Thelma Aganilo				



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ACTIVITY: **TRAINING-WORKSHOP ON**
BAMBOO HANDICRAFT (Day 3)

DATE: _____

VENUE: _____

	NAME	OFFICE/ DESIGNA TION	SEX (M/F)	CONTACT NO.	SIGNATURE
37.	Lucen Romp		F		Lucen Romp
38.	Lolita L. Javier		F		Lolita L. Javier
39.	Maria Christine Vicente		F		Maria Christine Vicente
40.	Locehon Barit		F		Locehon Barit
41.	Marina G. Palad		F		Marina G. Palad
42.	RUTHEN ERICA A. MANIBAN	RM	F		Ruthen Erica A. Maniban
43.	SHERYL JOHNSON		F		Sheryl Johnson
44.	Mauricio Galingara		F		Mauricio Galingara
45.	JOSEPH R. TESORO		M.		Joseph R. Tesoro



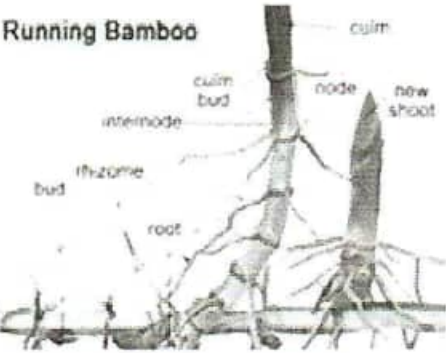
Training Manual for Bamboo Craft

Module I: Bamboo, Tools & Processes

Harvesting, Grading & Storage

The Bamboo Plant Bamboo is not a tree and it belongs to the grass family. The most common bamboo species are tree-like timber species. All bamboo plants share the biological feature of grasses especially the nodes that are obvious in bamboo culms.

Bamboo can be propagated in two ways. One by reproductive method through seeds and the other is by vegetative methods by using vegetative parts of bamboo plants such as rhizomes, culms and branches. Seed propagation methods are seldom used because of the irregular flowering of most of the bamboos, poor viability of seeds (between one and six months) and non-availability of seeds around the year. Therefore, vegetative propagation is the most popular and effective of the methods.



Bamboo Selection and harvesting

The selection of bamboo is very important for making high quality products. The main criteria for selecting bamboo is culm size, age and the growing environment. The bamboo raw material required depends on the intended application and characteristics of the product that will be manufactured. For example, culms younger than 1 year old, can be used as finishing strips for weaving because they have soft and flexible fibers and culms that are 3-4 years old can be used for furniture making. Finding the right age of bamboo is key in the selection process. There are two methods to identify the age of culms.



Storing

After post-harvest treatment is done, bamboo poles should be stored in a ventilated shelter and not in a closed area. The poles should be piled in stacks of different diameters with distance splits to allow air flow. Sort and classify the preserved culms based on their size, diameter and quality. An ideal way of storing treated bamboo culms is in horizontal racks.



Workshop Safety

Workshop is the place where various kinds of machineries are being used and it contains many potential safety hazards. The purpose of safety measure is to prevent fatal accidents and provide emergency help. Therefore, it is very important that the rules and guidelines are followed. It is not possible for this section to cover every conceivable situation and therefore staff who have management or supervisory responsibilities must also establish and enforce safety rules to cover specific hazards in their workshops. The laws that govern occupational health and safety in a bamboo processing workplace are very important to each and every learner. The learner should be able to identify typical workplace hazards and follow procedures that will control the risks associated with those hazards to prevent injury, illness and death. The knowledge of workshop safety measures will enable the learners to respond correctly and safely in an emergency situation that may arise in a bamboo processing workplace and to take appropriate safety measures.



a) Safety glass

Safety glass is a glass which has safety features to protect eyes while working in the workshop. There are many types of glasses available in the market like toughened glass, laminated glass and wire mesh glass for workshop safety.



b) Mask

When working in the bamboo workshop, you can breathe in lot of dusts that can cause serious lung diseases. In such conditions, it is advised to use dust mask to protect oneself. A dust mask is a pad held over the nose and mouth by elastic or rubber straps to protect against dusts encountered during workshop activities.

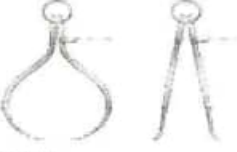


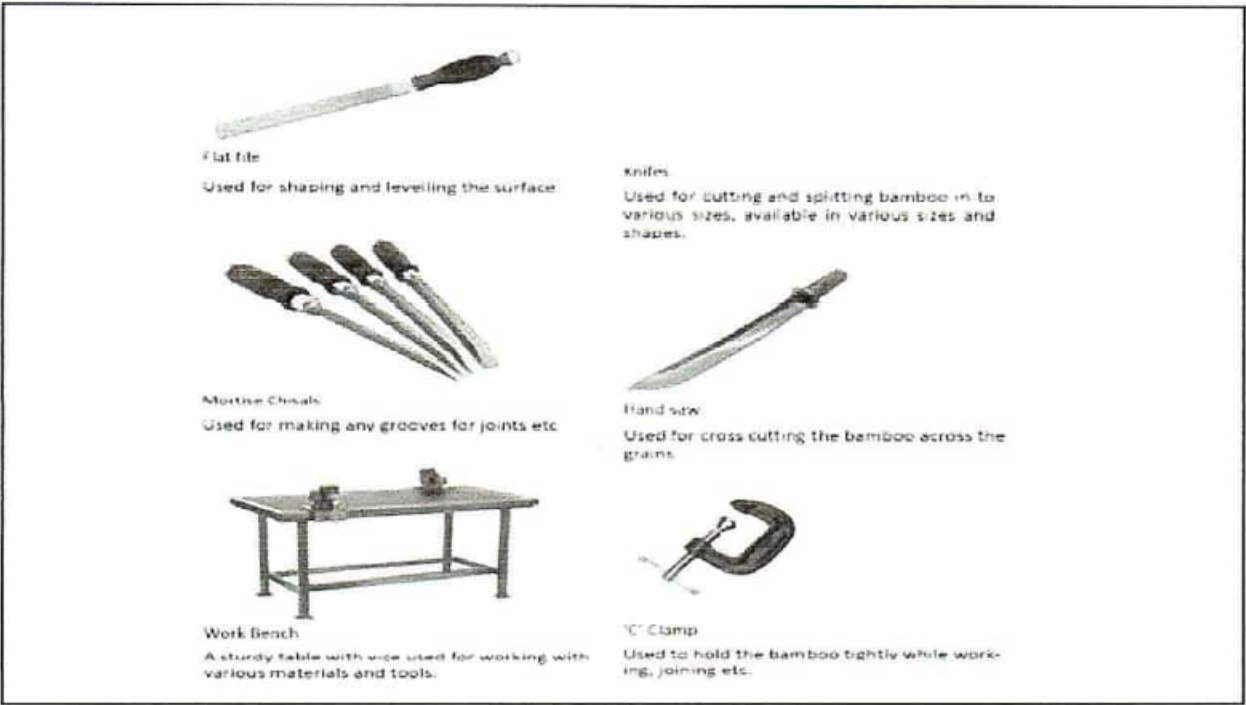
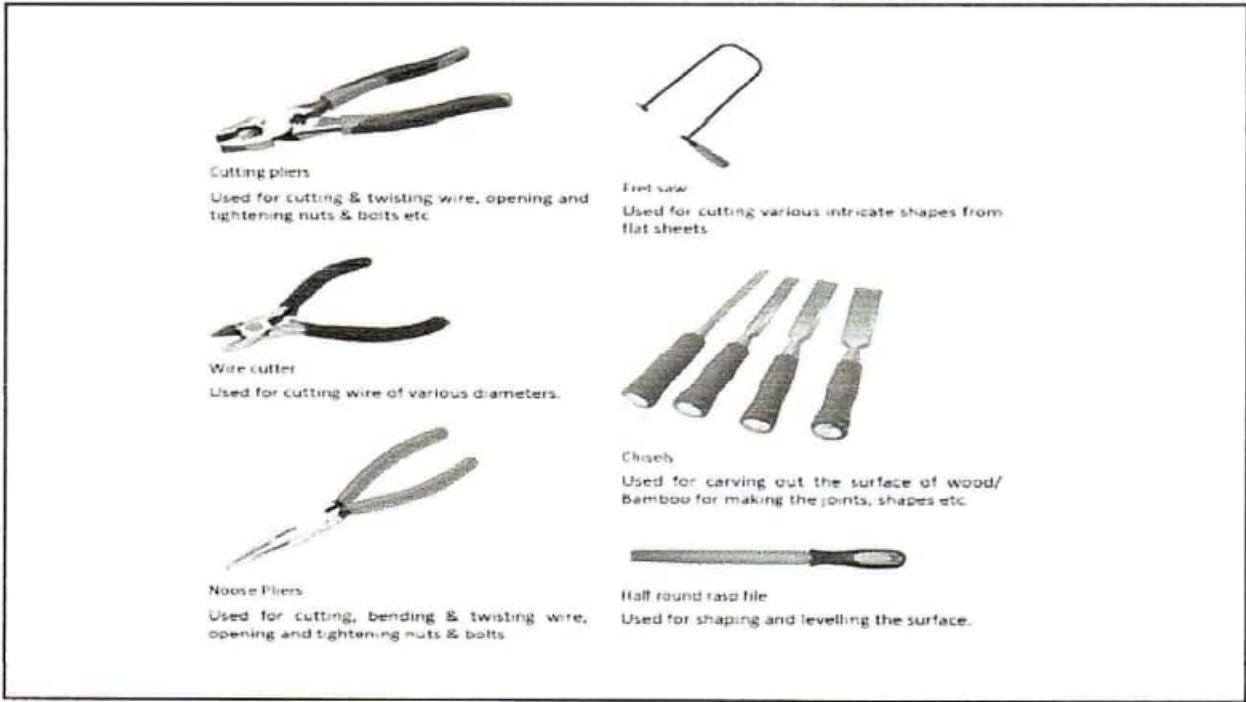
c) Apron

An apron is an outer protective garment that covers primarily the front of the body. It is worn for various safety reasons in the workshop to protect oneself from many hazards. Aprons are available in different materials and the learner should wear a thick cloth apron for bamboo activities in the workshop.

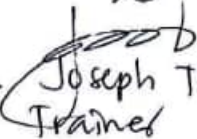


 Inch Steel Rule Used for measuring and marking in inch and in millimetre.	 Right Angle Used for marking right angle in various materials.
 Angle Rule Used for measuring and marking various angles on the materials.	 Measuring Tape Used for measuring longer length in various materials.
 Vernier Caliper Used to measure the inner and outer dimensions of various materials and pipes.	 Marking Gauge Used for marking on various materials.

 Calipers Used for measuring inside and outside dimensions of various material and pipes.	 Bench vice-1 Used to hold various material tightly for tooling.
 Compass Used to draw the circle on the surface so f various materials.	 Bench Vice-2 Used to hold wood and plywood tightly for tooling.
 Hand Saw Used to cut wood/bamboo based material along or across the grains.	 Hand Planer Used to level the surface of wood/bamboo etc. to make surface smooth and straight.





Prepared by :
Mr.  Joseph Tesoro
Trainer



CAGAYAN STATE UNIVERSITY
COLLEGE OF ENGINEERING & ARCHITECTURE
College Research and Extension Office

TRAINING EVALUATION SUMMARY

Title of Seminar: **TRAINING WORKSHOP ON BAMBOO HANDICRAFT**
Date: **September 6-8, 2023**

Venue: **BARANGAY BASAO GATTARAN CAGAYAN**

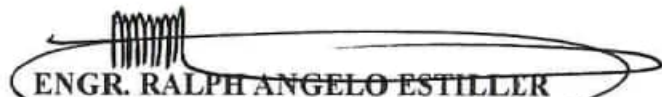
A. COURSE CONTENT	Outstanding	Very Satisfactory	Satisfactory	Good	Poor		
	5	4	3	2	1	Average	Qualitative Description
1. The training is very relevant to present needs of the community and the country as a whole	39	1	0	0	0	4.95	Outstanding
2. The topics /workshop gave me new insights/ideas about how I should do my work.	40	0	0	0	0	5.00	Outstanding
3. The topic/workshop gave me new skills that will improve my efficiency/productivity.	40	0	0	0	0	5.00	Outstanding
4. The topics/workshop will enhance my dealings with the members of my community.	39	0	0	1	0	4.70	Outstanding
B. TRAINING SCHEDULE							
1. The sessions started and ended according to the set schedule	40	0	0	0	0	5.00	Outstanding
2. The schedule for the training was conducive to learning	39	0	1	0	0	4.90	Outstanding
3. The time allotted for the topic was sufficient to ensure maximum learning	40	0	0	0	0	5.00	Outstanding
4. The time allotted for the breaks was sufficient	40	0	0	0	0	5.00	Outstanding
C. TIMELINESS							
1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project.	40	0	0	0	0	5.00	Outstanding
D. RESOURCE SPEAKERS							
1. The resource persons showed mastery of the subject matter	38	1	1	0	0	4.85	Outstanding

2. The resource persons spoke clearly	40	0	0	0	0	5.00	Outstanding
3. The resource persons presented the topics in an organize manner	40	0	0	0	0	5.00	Outstanding
4. The resource persons exhibited the enthusiasm in delivering their lecture	39	0	1	0	0	4.90	Outstanding
5. The resource persons used various methods to make the presentations interesting and lively	40	0	0	0	0	5.00	Outstanding
6. The resource persons encouraged group participation	39	0	1	0	0	4.90	Outstanding
						4.93	OUTSTANDING

REMARKS:

1. The topic was relevant and timely.
2. The lecturer is very friendly.

Prepared by:


ENGR. RALPH ANGELO ESTILLER
 College Extension Coordinator

Verified by:

PROF. JENNILYN ACUPAN
 Campus Extension Coordinator

Noted by:


Dr. AUDY QUEBRAL, PECE
 University Dean



TRAINING EVALUATION FORM (Community-Based)

This form is designed to draw out your reaction/perception after attending the training.

Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding 4 - Very Satisfactory 3 - Satisfactory 2 - Good 1 - Poor

Title of Training/Seminar: Training Workshop on Bamboo Handicraft Date: _____

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 5
2. The topics/workshop gave me new insights/ideas about how I should do my work. 1 2 3 4 5
3. The topics/workshop gave me new skills that will improve my efficiency/productivity. 1 2 3 4 5
4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 5

B. Training Schedule

1. The sessions started and ended according to the set schedule. 1 2 3 4 5
2. The schedule for the training was conducive to learning. 1 2 3 4 5
3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 5
4. The time allotted for breaks was sufficient. 1 2 3 4 5

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 5

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. The resource persons showed mastery of the subject matter.					✓					✓					✓
2. The resource persons spoke clearly.					✓					✓					✓
3. The resource persons presented the topics in an organized manner.					✓					✓					✓
4. The resource persons exhibited the enthusiasm in delivering their lecture.					✓					✓					✓
5. The resource persons used various methods to make the presentations interesting and lively.					✓					✓					✓
6. The resource persons encouraged group participation.					✓					✓					✓

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Giga



TRAINING EVALUATION FORM (Community-Based)

This form is designed to draw out your reaction/perception after attending the training.
Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding 4 - Very Satisfactory 3 - Satisfactory 2 - Good 1 - Poor

Title of Training/Seminar: Training Workshop on Bamboo Handicraft Date: _____

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 5
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B. Training Schedule

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4. The time allotted for breaks was sufficient. 1 2 3 4 5

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 5

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. The resource persons showed mastery of the subject matter.					/					/					/
2. The resource persons spoke clearly.					/					/					/
3. The resource persons presented the topics in an organized manner.					/					/					/
4. The resource persons exhibited the enthusiasm in delivering their lecture.					/					/					/
5. The resource persons used various methods to make the presentations interesting and lively.					/					/					/
6. The resource persons encouraged group participation.					/					/					/

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Sofia



TRAINING EVALUATION FORM (Community-Based)

This form is designed to draw out your reaction/perception after attending the training.

Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding

4 - Very Satisfactory

3 - Satisfactory

2 - Good 1 - Poor

Title of Training/Seminar:

Training Workshop on Bamboo Handicraft

Date:

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 5
2. The topics/workshop gave me new insights/ideas about how I should do my work. 1 2 3 4 5
3. The topics/workshop gave me new skills that will improve my efficiency/productivity. 1 2 3 4 5
4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 5

B. Training Schedule

1. The sessions started and ended according to the set schedule. 1 2 3 4 5
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3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 5
4. The time allotted for breaks was sufficient. 1 2 3 4 5

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 5

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. The resource persons showed mastery of the subject matter.															
2. The resource persons spoke clearly.															
3. The resource persons presented the topics in an organized manner.															
4. The resource persons exhibited the enthusiasm in delivering their lecture.															
5. The resource persons used various methods to make the presentations interesting and lively.															
6. The resource persons encouraged group participation.															

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Mamap



TRAINING EVALUATION FORM (Community-Based)

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Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding 4 - Very Satisfactory 3 - Satisfactory 2 - Good 1 - Poor

Title of Training/Seminar: Training Workshop on Bamboo Handicraft Date: _____

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 5
2. The topics/workshop gave me new insights/ideas about how I should do my work. 1 2 3 4 5
3. The topics/workshop gave me new skills that will improve my efficiency/productivity. 1 2 3 4 5
4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 5

B. Training Schedule

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2. The schedule for the training was conducive to learning. 1 2 3 4 5
3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 5
4. The time allotted for breaks was sufficient. 1 2 3 4 5

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 5

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. The resource persons showed mastery of the subject matter.					✓					✓					✓
2. The resource persons spoke clearly.					✓					✓					✓
3. The resource persons presented the topics in an organized manner.					✓					✓					✓
4. The resource persons exhibited the enthusiasm in delivering their lecture.					✓					✓					✓
5. The resource persons used various methods to make the presentations interesting and lively.					✓					✓					✓
6. The resource persons encouraged group participation.					✓					✓					✓

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Edwin Capino



TRAINING EVALUATION FORM (Community-Based)

This form is designed to draw out your reaction/perception after attending the training.
Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding 4 - Very Satisfactory 3 - Satisfactory 2 - Good 1 - Poor

Title of Training/Seminar: Training Workshop on Bamboo Handicraft Date: Sept. 6-8, 2023

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 (5)
2. The topics/workshop gave me new insights/ideas about how I should do my work. 1 2 3 4 (5)
3. The topics/workshop gave me new skills that will improve my efficiency/productivity. 1 2 3 (4) 5
4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 (5)

B. Training Schedule

1. The sessions started and ended according to the set schedule. 1 2 3 4 (5)
2. The schedule for the training was conducive to learning. 1 2 3 4 (5)
3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 (5)
4. The time allotted for breaks was sufficient. 1 2 3 4 (5)

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 (5)

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
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2. The resource persons spoke clearly.					/				/						/
3. The resource persons presented the topics in an organized manner.					/				/						/
4. The resource persons exhibited the enthusiasm in delivering their lecture.					/				/						/
5. The resource persons used various methods to make the presentations interesting and lively.					/				/						/
6. The resource persons encouraged group participation.					/				/						/

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Fernina Flores



TRAINING EVALUATION FORM (Community-Based)

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Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding 4 - Very Satisfactory 3 - Satisfactory 2 - Good 1 - Poor

Title of Training/Seminar: Training Workshop on Bamboo Handicraft Date: Sept. 6-8, 2023

A. Course Content

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4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 (5)

B. Training Schedule

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3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 (5)
4. The time allotted for breaks was sufficient. 1 2 3 4 (5)

C. Timeliness

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D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
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1. The resource persons showed mastery of the subject matter.					/					✓					✓
2. The resource persons spoke clearly.					/					✓					✓
3. The resource persons presented the topics in an organized manner.					/					✓					✓
4. The resource persons exhibited the enthusiasm in delivering their lecture.					/					✓					✓
5. The resource persons used various methods to make the presentations interesting and lively.					/					✓					✓
6. The resource persons encouraged group participation.					/					✓					✓

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Joey Ancheta



TRAINING EVALUATION FORM (Community-Based)

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Title of Training/Seminar: Training Workshop on Bamboo Handicraft

Date: Sept. 6-8, 2023

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2. The resource persons spoke clearly.					✓					✓					✓
3. The resource persons presented the topics in an organized manner.					✓					✓					✓
4. The resource persons exhibited the enthusiasm in delivering their lecture.					✓					✓					✓
5. The resource persons used various methods to make the presentations interesting and lively.					✓					✓					✓
6. The resource persons encouraged group participation.				✓						✓					✓

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

 Dyna Flores



TRAINING EVALUATION FORM (Community-Based)

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4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 5

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C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 5

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
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4. The resource persons exhibited the enthusiasm in delivering their lecture.					/				/						/
5. The resource persons used various methods to make the presentations interesting and lively.					/				/						/
6. The resource persons encouraged group participation.					/				/						/

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Myline Capino



TRAINING EVALUATION FORM (Community-Based)

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Title of Training/Seminar: Training Workshop on Bamboo Handicraft

Date: _____

A. Course Content

1. The training is very relevant to present needs of the community and the country as a whole. 1 2 3 4 **5**
2. The topics/workshop gave me new insights/ideas about how I should do my work. 1 2 3 4 **5**
3. The topics/workshop gave me new skills that will improve my efficiency/productivity. 1 2 3 4 **5**
4. The topics/workshop will enhance my dealings with the members of my community. 1 2 3 4 **5**

B. Training Schedule

1. The sessions started and ended according to the set schedule. 1 2 3 4 **5**
2. The schedule for the training was conducive to learning. 1 2 3 4 **5**
3. The time allotted for the topic was sufficient to ensure maximum learning. 1 2 3 4 **5**
4. The time allotted for breaks was sufficient. 1 2 3 4 **5**

C. Timeliness

1. The topics discussed gave solutions to my present concerns related to my work/enterprise/project. 1 2 3 4 **5**

D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1. The resource persons showed mastery of the subject matter.					✓				✓						✓
2. The resource persons spoke clearly.					✓				✓						✓
3. The resource persons presented the topics in an organized manner.					✓				✓						✓
4. The resource persons exhibited the enthusiasm in delivering their lecture.					✓				✓						✓
5. The resource persons used various methods to make the presentations interesting and lively.					✓				✓						✓
6. The resource persons encouraged group participation.					✓				✓						✓

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

B. mandanor



TRAINING EVALUATION FORM (Community-Based)

This form is designed to draw out your reaction/perception after attending the training.

Please answer TRUTHFULLY all items by using the scale below:

5 - Outstanding

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Title of Training/Seminar: Training Workshop on Bamboo Handicraft

Date: _____

A. Course Content

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D. Resource Speakers

E. Resource Persons/ Speakers	Mr. Rey Tesoro (D1)					Mr. Rey Tesoro (D2)					Mr. Rey Tesoro (D3)				
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6. The resource persons encouraged group participation.					/					/					/

On the space below, please write your comments or observations that may not have been covered or included in this evaluation.

Evaluated by:

Dominador A. Flores SR.



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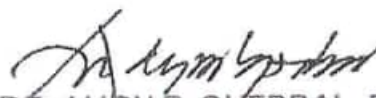
CERTIFICATE OF COMPLETION

IS PRESENTED TO:

For actively participating in the three-day Training Workshop on Bamboo Handicraft held during the celebration of the Philippine Bamboo Month.

Given this 8th day of September, 2023 at Basao, Gattaran Cagayan.


ENGR. RALPH ANGELO B. ESTILLER
College Extension Coordinator


DR. AUDY R. QUEBRAL, PECE
University Dean



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CERTIFICATE OF COMPLETION

IS PRESENTED TO:

JOEY ANCHETA

For actively participating in the three-day Training Workshop on Bamboo Handicraft held during the celebration of the Philippine Bamboo Month.

Given this 8th day of September, 2023 at Basao, Gattaran Cagayan.


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