



A 30-Day Skill Training Program on Bamboo Utility Products under the MMDUP Scheme

At
RADHA MADHAB NURSERY
Daldali, Simna, West Tripura.



Organized by:
Tripura Bamboo Mission
Department of Industries & Commerce
Government of Tripura.

2nd Floor Old IT Building, Behind IT Bhavan, Indranagar,
Agartala, West Tripura. 799006

1. Summary

The 30-day Skill Training Programme on Bamboo Furniture and Decorative Products was successfully conducted at the Training Centre – Radha Madhab Nursery, Daldali, Simna, West Tripura. From 7th March to 30th April 2025. The programme was organized under the Mukhya Mantri Dakhsyata Unnyayan Prakalpa (MMDUP) with the objective of strengthening and upgrading the bamboo craftsmanship skills of 30 unskilled and semi-skilled women and men artisans from the nearby villages of Daldali, Simna, West Tripura.

The training programme effectively integrated traditional bamboo craftsmanship with modern techniques and tools under the expert guidance of Two Master Trainer and Two professional Designer. Focusing on developing high-quality, market-ready, transport-friendly, and environmentally sustainable bamboo Furniture and decorative products, thereby enhancing the income potential and entrepreneurial capacity of the participating artisans.

2. Introduction

Radha Madhab Nursery is one of the renowned bamboo nursery and craft clusters in the region. Managed by Mr. Anil Debbarma. Over time, it has become a prominent bamboo craft hub, widely recognized for its high-quality bamboo furniture items and nursery.

Since its establishment, the cluster has been providing sustainable livelihood opportunities to artisans, engaging 10 permanent artisans and around 50 to 60 production-based non-permanent artisans, comprising both men and women. With the objective of promoting sustainable livelihoods and empowering local artisans—particularly women, a 30-day Skill Development Training Programme was organized under the Mukhya Mantri Dakhsyata Unnyayan Prakalpa (MMDUP) Scheme.

3. Objectives of the Training Program

- To enhance the technical skills of artisans in the production of bamboo furniture and decorative products.
- To introduce artisans to modern tools, innovative techniques, and evolving market-oriented product trends.
- To promote the production of high-value, durable, and easy-to-transport bamboo products suitable for wider markets.
- To improve income and sustainable livelihood opportunities through improved designs, quality enhancement, and value addition.

4. Duration

7th March to 30th April 2025

5. Training Methodology

The training was conducted in two phases:

- **Phase 1 (First 15 days):** Basic skill training using hand and power tools.
- **Phase 2 (Last 15 days):** Product development and design input from Designer Ms. Merin Thomas, and Mr. Biju .B.

The methodology included:

- Introduction to sources of innovative and contemporary design inspirations.
- Concept development and application of design thinking methodologies.
- Exploration of new product shapes, forms, and structural variations.
- Group-based practical sessions covering bamboo selection, cross-cutting, splitting as per requirements, product fabrication, finishing, polishing, and packaging.
- Sessions on marketing strategies, product costing, pricing, and basic business management discussions.

6. Training Team

- **Mr. Anil Debbarma (Master Trainer)** Daldali, Simna,

TOT from BCDI. Expert in implementation of new design and 15 years of working & Training experience in bamboo based production, specially Utility and Furniture.

- **Sibjoy Debbarma (Master Trainer)** Daldali, Simna,

Expert in implementation of new design and 06 years of working experience in bamboo based production, specially Furniture.

They engaged in implementing innovative design techniques and introducing contemporary approaches to enhance product development and overall craftsmanship quality.

- **Ms. Merin Thomas (Designer): Pune, Maharashtra.**

Profile: Ms. Merin Thomas is an immersive creator who strives to visualize beforehand the shortcomings of design outcomes. Design solutions that she come up with or come across in everyday life excite her. Functionality is given superiority by her over aesthetics as that is what defines any product or experience at the core. Gaining new meaningful experiences and learning new skills is always something she look forward to with every venture ahead.

Education: Master of Design. Industrial Design| Furniture and Interior Design. National institute of Design, Ahmedabad.

- **Mr. Biju B. (Designer): Kalpetta, Kerala.**

Founder of Bamboo Handicraft Unit: Praseetham Art & Crafts, Wayanad.

Education: Bamboo Handicraft Diploma Holder: BCDI, Agartala, 2004

Advanced Bamboo Handicraft Training: National Institute of Design, Bangalore, for Kerala State Bamboo Mission.

Training of Trainer Programme for Bamboo Crafts: National Institute of Design, Bangalore, for Kerala State Bamboo Mission.

Certifications: NID Certified Bamboo Handicraft Trainer: Kerala Bamboo Mission.

They engaged for a period of 15 days to provide expert guidance on design innovation, product development, and prototype creation, ensuring the introduction of contemporary concepts aligned with market demands

7. Trainee Profile

- Total Participants: 30 women and men artisans
- Location: Nearby villages of Daldali, Simna, West Tripura
- Background: Unskilled & semi-skilled, experienced in bamboo crafts.

8. Tools & Materials Used

- **Core Material:** Bamboo (Olivery, Tulda, local name- Kanak kaich, Mritinga)
- **Binding & Joining Materials:** Fevicol/wood adhesive, Screws and nails,
- **Hand Tools:** Hand saw, Hacksaw, Knife, chisel (different shape and size), hammer, blow lamp, Plier, measuring tab, ruler, Pencil.
- **Power Tools:** Power Drill, grinder,
- **Machine:** Profile cutter machine, Belt sender, Bench drill machine.
- **Finishing Materials:** Sandpaper (different grades), Wood filler/putty, Primer, Wood polish, Varnish (matte & gloss).
- **Other Materials:** LPG Gas, Hard Wood Lumber, Plywood,

9. Products Made

During the training, participants developed the following:

- Hanger
- Dining Chair
- Lounge Chair
- Centre table
- Aram Chair

- Sofa cum Bed
- Table
- Tray
- Kid's Chair
- Stool
- Lamp Shade
- Pen Stand

All products were designed with functionality, portability, and aesthetics in mind.

10. Participant Feedback

Participants expressed great satisfaction with the training.

Key takeaways included:

- Had hands-on practical knowledge of modern tools, machinery, and advanced finishing techniques.
- Developed confidence and competence in producing high-quality, durable, and market-ready products.
- Get valuable exposure to innovative design concepts, and value-addition methods to enhance product appeal.
- They expressed strong interest such training in future for further upgrade skills and technical expertise.
- Enjoyed working such a team work and learning environment.

11. Impact on Productivity & Income

After the training, the participants were able to earn **Rs. 4,000–6,000 per month**, whereas earlier they were earning only **Rs. 2,000–3,000 per month**.

The programme significantly enhanced their technical capacity and entrepreneurial confidence, enabling them to scale up production, improve product quality, diversify their product range, and understand the markets.

12. Market Linkages

- 40% of the products were made against regular orders
- 5 new designs developed for market testing
- Lounge Chair received positive response and regular orders
- Product images shared with potential buyers for feedback

13. Conclusion

The 30-day Skill Training Programme successfully enhanced the technical skills of 30 women and men artisans from the Radha Madhab Nursery. Participants were trained to design and produce high-value, market-oriented bamboo furniture and decorative products aligned with current market trends.

With continuous design mentorship, exposure to modern tools, and improved production techniques, the artisans upgraded their craftsmanship and productivity. The programme significantly strengthened their income potential, confidence, and capacity as skilled producers and emerging micro-entrepreneurs.

14. Annexures

- List of Trainees
- Training Schedule
- Product Photographs
- Feedback Forms
- Sample Certificate

Prepared by:

Sanjit Jamatia
Coordinator Utilization
Tripura Bamboo Mission

List of Trainees

Sl. No	NAME	Address	Gender	MOBILE NUMBER	AADHAAR CARD NUMBER
1	Baison Debbarma	Daldali Simna	M	9612451187	964558998171
2	Manu Santal	Daldali Simna	M	6909518580	708431661004
3	Sahili Debbarma	Daldali Simna	F	9306609549	988522290303
4	Sukanta Urang	Daldali Simna	M	9233950469	455860072623
5	Pradip Saha	Daldali Simna	M	9089375251	488195315368
6	Bosong Debbarma	Daldali Simna	M	9612188153	861023969253
7	Biraj Santal	Daldali Simna	M	8413998563	564794209437
8	Biltu Santal	Daldali Simna	M	8413998563	442068152271
9	Monohar Panika	Daldali Simna	M	7387613503	617557957946
10	Bina Debbarma	Daldali Simna	F	9383169338	990916528296
11	Meghna Urang	Daldali Simna	F	9362975386	308414451482
12	Aparna Urang	Daldali Simna	F	8415864672	952588673895
13	Babita Urang	Daldali Simna	F	9233950469	696453543421
14	Dipika Urang	Daldali Simna	F	9612190331	952122808848
15	Sangita Urang	Daldali Simna	F	7085769011	753550370657
16	Nikita Urang	Daldali Simna	F	7642022065	507708941837
17	Supriya Urang	Daldali Simna	F	7629916415	862685831832
18	Rakhi Urang	Daldali Simna	F	8131868004	884581143534
19	Payel Urang	Daldali Simna	F	8798421190	243112240491
20	Sumati Panika	Daldali Simna	F	7387613503	672612471483
21	Sunita Mura	Daldali Simna	F	9863120035	775062734217
22	Ahna Debbarma	Daldali Simna	F	7005114936	244564837903
23	Ambalika Debbarma	Daldali Simna	F	9366689369	527516822538
24	Manisha Debbarma	Daldali Simna	F	7005828121	557044405489
25	Sampari Debbarma	Daldali Simna	F	8837090624	509423043184
26	Merry Debbarma	Daldali Simna	F	7005497086	952620563846
27	Sukri Orang	Daldali Simna	F	8413998565	560159767400
28	Debasish Debbarma	Daldali Simna	M	8131830857	636138178509
29	Suhel Debbarma	Daldali Simna	M	9233477059	525869073965
30	Ruhan Munda	Daldali Simna	M	9223160821	770774815768

Some glimpse of activity during training period



The Products Developed by the Designer





Sample Certificate



The certificate is set against a background of a bamboo forest. It features the Tripura Bamboo Mission logo on the top left, which includes a stylized bamboo plant and the text 'Tripura Bamboo Mission'. On the top right is the MMDUP logo, which shows a map of Tripura with a person and the text 'MMDUP'. The main title 'TRIPURA BAMBOO MISSION' is in large green letters, followed by 'DEPARTMENT OF INDUSTRIES & COMMERCE' and 'GOVERNMENT OF TRIPURA' in smaller blue and black text. The word 'Certificate' is written in a large, orange, stylized font and underlined. The main body of the certificate contains a paragraph certifying the completion of skill training on bamboo basketry. At the bottom left, there is a 'Date' field with a dotted line for input. At the bottom right, there is a signature line with a handwritten signature and the text 'Additional Mission Director Tripura Bamboo Mission'.

 **TRIPURA BAMBOO MISSION** 
DEPARTMENT OF INDUSTRIES & COMMERCE
GOVERNMENT OF TRIPURA

Certificate

This is to certify that Sri/Smt/Ms..... has successfully completed the Skill Training On BAMBOO BASKETRY Under Mukhya Mantri Dakhyata Unnayan Prakalpa (MMDUP) from to Organised by Tripura Bamboo Mission.

Date :.....


Additional Mission Director
Tripura Bamboo Mission