Role of Bamboo and Cane Development Institute in upgrading and disseminating bamboo handicrafts

Abhinav Kant
Bamboo and Cane Development Institute
Lichubagan, P.O. Agartala Secretariat, Agartala, West Tripura, India – 799010
www.bcdi.in; www.ncdpm.in
Set up in 1974 by O/o DC (Handicrafts), Ministry of Textiles, Govt. of India for developing proper techniques for treatment and preservation of cane and bamboo handicrafts items and also for providing necessary training.

To professionalize the efforts & project BCDI as Centre of Excellence, running & management of BCDI provided to NCDPD by the Ministry of Textiles, Govt. of India in December, 2009.
INDIA IS SET TO BECOME THE YOUNGEST COUNTRY BY 2020

By 2020 India's 70% Population will be Youth. If these calculation keep going then by 2020 then every 2nd person in India will have a age below 29 which will make India worlds youngest country ever.

India has the world’s largest youth population despite having a smaller population than China :UN Report
Skilling India
Bamboo Furniture
• Bamboo whole culm/ Slats

• Tools and other Paraphernalia:

<table>
<thead>
<tr>
<th>Hand Tools</th>
<th>Power Tools</th>
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<tbody>
<tr>
<td>Dao</td>
<td>Pillar Drill machine</td>
</tr>
<tr>
<td>Bench Vice</td>
<td>Hand drill machine</td>
</tr>
<tr>
<td>Hand Saw, Hack saw</td>
<td>Angle grinder</td>
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<tr>
<td>Hammer</td>
<td>Orbital Sander</td>
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<tr>
<td>Scrapper, Chisel</td>
<td>Hand Planer</td>
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<tr>
<td>C – clamp</td>
<td>Hand Jig</td>
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<tr>
<td>Measuring Tape</td>
<td>Portable Cross cut</td>
</tr>
<tr>
<td>Hand Planer</td>
<td></td>
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</tbody>
</table>

• **Finishing Material:** Sealer, Melamine, P.U.
FURNITURE PRODUCTS
Bamboo Basketry
Sliver making  Treatment  Coloring

Finishing  Use of Moulds  Sizing
Bamboo Turning
- Introduction to raw material and simple hand tools. Seasoning and preservation.
- Introduction to common operation pertaining to the Lathe.
- Introduction to Turning tools.
- Introduction to Spindle turning
- Practice on process in Spindle turning
- Learning the methods of finishing like buffing, polishing etc.
TURNING PRODUCTS
JEWELLERY PRODUCTS
Handholding and technical support

- First Generation Artisans
- Setting up of Production Units
- Supply of necessary tools
- Generation of production order and marketing
International Training Programmes

Bamboo Furniture Training for Bhutan Participants
Bamboo Handicrafts for Ethiopian Participants
Bamboo Basketry Training for Zimbabwe Participants
Looking up the present scenario a trained manpower is required for the bamboo sector, where they have a holistic knowledge on bamboo and its application i.e. from production to consumption.

In collaboration with TRIPURA UNIVERSITY

- Bamboo diversity and resources
- Bamboo propagation and conservation
- Bamboo management and utilization
- Bamboo technology
- Bamboo design and product development
Design Services

• To provide new and innovative designs
• Improve the skills of the artisans
• Market acceptable products
• Organized at clusters
• Provided Market Linkages through participation in Different national / international shows
Foldable

Nested

Knock-down

Stackable
Bamboo Board– Furniture Items
BAMBOO CLOCK
Single layer bamboo board with hand painting
BAMBOO BOWL

VIEWS

PROVIDE 1.9 CM. WIDTH X 6 CM. THICK BAMBOO SLATS

PROVIDE 2.5 CM. WIDTH X 0.6 CM. THICK BAMBOO SLATS FRAMING

PROVIDE 2.5 CM. WIDTH X 0.6 CM. THICK BAMBOO SLATS FRAMING

PROVIDE 2.5 CM. WIDTH X 0.6 CM. THICK BAMBOO SLATS FRAMING

PROVIDE 1.9 CM. WIDTH X 0.6 CM. THICK BAMBOO SLATS

PERSPECTIVE VIEW
NESTED BAMBOO BASKET
MEDIUM

TOP VIEW

SIDE VIEW

USE LAMINATED WOVEN BAMBOO SKIN
(LAMINATED WOVEN BAMBOO BOARDS)

PROVIDE 1 CM. WIDTH NATURAL
BAMBOO STRIPS

USE LAMINATED WOVEN BAMBOO SKIN
(LAMINATED WOVEN BAMBOO BOARDS)

USE NATURAL LAMINATED WOVEN
BAMBOO SKIN (LAMINATED NATURAL WOVEN
BAMBOO BOARDS)

30 CM.

30 CM.

10 CM.

10 CM.

5 CM.

5 CM.

3 CM.

3 CM.

2 CM.

2 CM.

1 CM.

1 CM.

COLLECTION NAME: REALOU COLLECTION
DESCRIPTION: NESTED BAMBOO TRAY
MEDIUM

DESIGNED BY: C.L. SAMONG
DESIGNED FOR: BCDE
DATE: 30 AUGUST 2012
ITEM CODE: BB_#002
REVIEWED BY: AMLA SHRIVASTAVA

NCOD

BCDT
Loom Mat and Slat
BCDI – Market Linkages

Participation in National / International shows conducted by EPCH and other agencies.

- TEXTRENDS
- Indian Handicrafts and Gift Fair
- Home Expo
- IFJAS
INDIAN CONTEMPORARY

Eco-friendly classic - modern look handcrafted bamboo jewellery from North East, developed by Bamboo and Cane Development Institute during

IFJAS12
Indian Fashion Jewellery and Accessories Show 2012
13-15 July 2012, India Expo Centre & Mart, New Delhi, NCR
“BCDI is providing strategic services including Education, Sales Promotion, Designing, Product Development and Trainings for Handicrafts made out of Bamboo, Cane and Allied natural fibre material”

Thank You!