

Bamboo & Cane Development Institute Agartala, Tripura

DRAFT COURSE CURRICULUM

DURATION : 5 DAYS

SESSIONS : 20

	Day 1
10am-11.30am	Know your bamboo <ul style="list-style-type: none">➤ General Characteristics of bamboo➤ Global species richness and distribution➤ Species richness in Tripura with special emphasis to species used in handicrafts➤ Identification of the species
11.45am- 01.15pm	Bamboo cultivation <ul style="list-style-type: none">➤ Introduction to Superior planting material➤ Commercial useful species➤ Different methods of propagation<ol style="list-style-type: none">i. Seedlingii. Rhizomeiii. Offsetiv. Culm cuttingv. Macropropagationvi. Micropropagation
02:00pm-03.30pm	Plantation Techniques <ul style="list-style-type: none">➤ Site Preparation➤ Plantation➤ Irrigation Clump management <ul style="list-style-type: none">➤ Weeding➤ Mulching➤ Mounding➤ Pruning➤ Cleaning and Thinning
03.45pm-05.15pm	Diseases of Bamboo <ul style="list-style-type: none">➤ Fungal and Pest Maturity marking of bamboo clumps <ul style="list-style-type: none">➤ Single colour band maturity marking system Sustainable harvesting techniques <ul style="list-style-type: none">➤ Tunnel system➤ Horse shoe system Post harvesting practice Storage

	Day 2
10am-11.30am	<p>Bamboo and cane: Suitability for bamboo as raw material for handicrafts</p> <ul style="list-style-type: none"> ➤ Difference of bamboo and wood structure ➤ Water and bamboo ➤ Advantages of bamboo and cane over wood
11.45am-01.15pm	<p>Bamboo Processing: Post Harvesting practice</p> <ul style="list-style-type: none"> ➤ Seasoning of Bamboo <ul style="list-style-type: none"> ▪ Storage and Stacking of bamboo ▪ Air drying techniques ▪ Kiln drying techniques ▪ Advantages of kiln drying over air drying ➤ Preservation of Bamboo <ul style="list-style-type: none"> ▪ Bamboo degradation: causes and treatability aspects ▪ Handling of preservatives ▪ Indian standards for preservation of bamboo ▪ Advantages of modern techniques over traditional practices ✓ Traditional preservation treatment ✓ Chemical preservation treatment
02:00pm-3.30pm	<ul style="list-style-type: none"> ➤ Finishing and packaging of Bamboo Products ➤ Introduction to different coatings/ finishes etc. ➤ Preparation and application of various coatings and finishes ➤ Packaging of finished products ➤ Advantages of new technologies and new interventions in relation to machines and processes
03.45pm-05.15pm	<p>Introduction to new up-gradation of manufacturing technologies and innovations</p> <ul style="list-style-type: none"> ➤ Improved Manufacturing Technology ➤ Treatment unit ➤ Processing unit ➤ Product development unit ➤ Standard Design & Testing Quality ➤ Testing of bamboo products ➤ Tests for development of Standardized products

	Day 3
10:00am-11.30am	<p>How to become a successful Entrepreneur Overview of Indian Handicrafts Sector</p> <ul style="list-style-type: none"> ➤ Major issue or Challenges <ul style="list-style-type: none"> ➤ Competition with China Qualities of An Entrepreneur ➤ Think Big ➤ Positive attitude ➤ Entrepreneurial Instinct ➤ Working Knowledge about Business <p>Confidence</p>
11.45am-01.15pm	<p>Setting up an Exports Business</p> <ul style="list-style-type: none"> ➤ Selection of Business ➤ IE CODE ➤ RCMC ➤ Reasons for Going International ➤ Export Documentation
02:00pm-03.30pm	<p>Selection of buyers/markets/products Export Marketing</p> <ul style="list-style-type: none"> ➤ Market for Export ➤ Market Research ➤ Major Cultural & Festival ➤ E - marketing
03.45pm-05.15pm	<p>Entering a contract/ Payments/ Incoterms/ Realizations/ Remittances</p> <ul style="list-style-type: none"> ➤ Term of contract ➤ Methods of Payment ➤ Payment Term Incoterms 2000 and their applicability ➤ Processing of Export Order

	Day 4
10am-11.30am	<p>International Product Categories</p> <ul style="list-style-type: none"> ➤ Baskets, ➤ Trays, ➤ Boxes, Pen stands ➤ Bags, ➤ Bottle Holders, ➤ Flower Pots, ➤ Placemats & Coasters, ➤ Blinds..Etc...Made From Rattan, Bamboo, ➤ Bamboo Vase, Bamboo Bowl, ➤ Bamboo Plate, Lamp stades ➤ Bamboo Furniture
11.45am-01.15pm	<p>Product Development Methodology International Product Standards</p> <ul style="list-style-type: none"> ➤ Measurement Details Size of the Product For Example Placement Size10"x 14" ➤ Shapes of the product and its Acceptability in Major Market ➤ Product Life Cycle
02:00pm-03.30pm	<p>Color, Product, Market, and Consumer Trends</p> <ul style="list-style-type: none"> ➤ Importance of colour in Developed Market ➤ Present Color Forecast for Spring 2010-11
03.45pm-05.15pm	<p>Testing / Quality control & Factory Compliance and standards</p> <ul style="list-style-type: none"> ➤ Issue related to child Labour and Women Labour ➤ How factory Compliance Effecting export business ➤ Testing can help save cost and rejection rate ➤ How standardization can help in Economies of Scale

	Day 5
10:00am-11.30am	<p>Hand –On Bamboo machines and Process</p> <ul style="list-style-type: none"> ➤ Short Film Show on success achieve in other part of the world ➤ Identify the huddle face by because lak of technology ➤ How Resistance to Change can be over come ➤ Open discussion on issue and concern which stop the development Work
11.45am-01.15pm	<p>Usage of improved tools for quality production and timely delivery</p> <ul style="list-style-type: none"> ➤ Primitive Tools and semi Advance Technology used in Manufacturing ➤ Planning of Production Scheduled ➤ Forward and Backward Integration of supply chain
02:00pm-03.30pm	<p>Cutting & Processing</p> <ul style="list-style-type: none"> ➤ Present cutting tools comparison with Advance tool ➤ Different Method of Processing Used by Artisan and Manufacturing Unit ➤ Reduction of Cost by application of new tools
	<p>Color Application on Bamboo and Cane Product</p> <ul style="list-style-type: none"> ➤ Technique of coloring Varnishing and lacquer ➤ Distress Technique ➤ Fire Blowing Technique