



# Tripura Bamboo Mission



## Quarterly Progress Report

October 2011 – December 2011

*Implemented by:*



IL&FS Cluster Development Initiative Ltd.

## Contents

1. SUMMARY OF PROGRESS ACHIEVED.....	3
2. INTRODUCTION TO TBM .....	4
3. PROGRESS ACHIEVED DURING Q3 FY 2011-12.....	5
3.1. PROGRESS ACHIEVED IN INCENSE SECTOR.....	5
3.2. PROGRESS ACHIEVED IN HANDICRAFTS SECTOR.....	14
3.3. PROGRESS ACHIEVED IN MAT SECTOR.....	30
3.4. RESOURCE GENERATION SECTOR.....	32
3.5. PROGRESS ACHIEVED IN INDUSTRIAL APPLICATION SECTOR .....	35
4. COMPARATIVE STATEMENT.....	37
5. TBM PARTNERS .....	39
6. TBM IMPLEMENTATION TEAM .....	40
7. ANNEXURE: Details of Programmes conducted during October-December, 2011.....	41



## 1. SUMMARY OF PROGRESS ACHIEVED

### OCTOBER 2011 TO DECEMBER 2011

#### Community Mobilization

- 200 rural artisans were mobilized in polished stick sector across the state.
- 250 SHG members were mobilized in Rolling Agarbatti sector in Dhalai District
- 800 artisans were mobilized in Mat (*Dhari*) sector in Dhalai District.
- 500 artisans were mobilized in handicrafts & furniture across the state.

#### Capacity Building & Skill Development

- 532 persons trained in handicrafts across the state.
- 750 artisans were trained in Mat (*Dhari*) weaving in West & North Tripura.
- 183 artisans were trained in polished stick sector in South Tripura.
- 211 women were trained in Rolling Agarbatti sector in Dhalai.
- 128 People were trained in Bamboo Propagation & Cultivation.
- One field function training programme was conducted with 95 participants.
- Six exposure visits were done with 190 farmers/bamboo growers.
- One training programme was held on Enterprise Management & Institution Capacity Building.

#### Market Linkage

- Participation in India International Trade Fair 2011 in New Delhi.
- Nisha Bamboo Industries in Nabanagar for Rolling Agarbatti sector.
- Tirupati Agarbatti in Ramnagar for Rolling Agarbatti sector
- Tanisha International, Bangalore has been linked to the Dhalai Agarbatti Cooperative Society for supply of polished sticks.
- Zonun Mat Ply, Lengpoi, Mizoram for Industrial Mat.
- A.B.Composit, Kolkata
- APIL, Namsai, Arunachal Pradesh.

#### Resource Generation

- Two times weeding is done in 64.22 Hectare of Bamboo Plantation raised in Hezamara R.D.Block in West Tripura districts.
- 16000 plantlets of different species of bamboo raised at the Hatipara Central Nursery.
- 50000 plantlets of *Litsea glutonisa* (Menda Tree) raised at Tulakonain near Agartala.



## 2. INTRODUCTION TO TBM

The Tripura Bamboo Mission (TBM) is an Initiative of the government of Tripura to promote and develop the bamboo based industries and enable livelihood generation through bamboo based activities. TBM has a “Farm to Market” approach and aims to optimize the end-to-end value chain spanning from plantation & resource generation to marketing of value added finished products. The bamboo sector is divided into various sub-sectors like incense, handicrafts, *Dhari* Mat, Furniture, Resource Generation, Industrial Application etc with different strategies for each sub-sector.

The TBM focus is on building highly competitive clusters leading to an agglomerated economy of bamboo-based products that ranges from bamboo based handicrafts, furniture, sticks & blinds to higher valued added technology intensive industrial applications of bamboo. The mission has a special focus on promoting sustainable livelihoods for the rural poor by strengthening their own grassroots enterprises through building mainstream market linkages, providing production infrastructure & technology, supporting design & skill development, facilitating credit linkages.



Bamboo Sectors as strategized by Tripura Bamboo Mission

### 3. PROGRESS ACHIEVED DURING Q3 FY 2011-12

#### 3.1. PROGRESS ACHIEVED IN INCENSE SECTOR

Incense sector occupies a very important space in the development of bamboo sector in the state. It is estimated that this sector employs over 2 Lakhs rural artisans and generates revenue over 70 crores.

Tripura Bamboo Mission has been working in various clusters across the state to bring a change in the Agarbatti Stick sector by encouraging artisans to produce higher value fibreless polished stick from non-polished fibrous stick by addressing needs of artisans by providing training, through mobilization of artisans, forming artisans owned enterprises, facilitating infrastructure needs and providing market linkages etc. The higher levels value additions in incense sector such as Raw Agarbatti production and Perfuming & Packaging are also the integral part of TBM strategy. New enterprises are being developed in raw agarbatti production which generates livelihood to large number of community.

##### 3.1.1 POLISHED STICK SUB SECTOR

Tripura is called the hub of Agarbatti stick production in India. The State contributes to around 70% of country's production in the sector. A large number of persons have been earning their livelihood through stick production activity. Previously, the artisans of Tripura were producing low value unpolished fibrous stick, the demand of which is decreasing day by day. Tripura Bamboo Mission IL&FS-Clusters has taken the initiative to introduce polished fibreless stick in the state. The market demand and price of polished stick is higher compared to unpolished stick, hence the artisans of the state would get more return by producing the product.

In this quarter new partnerships with various SHGs have been forged, and the members of these SHGs have been trained in North Tripura District with support from DRDA-North Tripura. Besides capacity building of the artisans across the state, TBM is also organizing the traders and establishing market linkage with India's leading agarbatti industries. Formation of entrepreneurs' co-operative society was also included in the agenda of the 3<sup>rd</sup> quarter of this financial year.

##### Community Mobilization

Mobilizing of the community for the bamboo based activities is necessary for the successful implementation of the capacity building and other related interventions which supports to strengthening of the sector. By this activity general information as well as the technical knowhow of the sector will be addressed. The scope and other relevant issues also discussed.





- Around 100 rural artisans especially tribal were mobilized in Bagafa Forest Division at South Tripura District.
- On the other side 100 rural artisans mostly women were mobilized at Gumati Forest Division, South Tripura District. During the mobilizing meeting market linkage & the benefits of the sector were introduced to the artisans..

### **Capacity Building**

During this quarter 183 artisans have been trained in production of Polished Agarbatti Stick in South District. The association with Tripura JICA project was in the quarter for the successful implementation of the activity.

- In Satchand Forest Division one training programme was conducted with 36 JFMC,s members. During this training market linkage was done with leading entrepreneurs.
- In Bagafa Forest Division of South Tripura 2 (two) training programme were conducted covering total 76 numbers of artisans in 8 (eight) JFMC. Local entrepreneurs from the village were engaged during the capacity building programme.
- On the other hand in Gumti Forest Division there are also 2 (Two) training programme was conducted on agarbatti stick making production. During this training programme 71 numbers of artisans were trained from 8 different JFMC. The members of participating JFMCs were shown their interest during the programme to continue this livelihood development activity



## Photo Gallery



Training on polished stick production in Bagafa Forest Division



Training on polished stick production in Gumti Forest Division



### 3.1.2. RAW AGARBATTI SUB-SECTOR

Production of Raw Agarbatti is one of the three important steps involved in manufacturing of Perfumed Incense Sticks. It is a good way to generate sustainable income for the rural women community. The process of raw Agarbatti production is fully manual and thus it provides livelihood opportunities to thousands of people. Agarbatti Industry in Tripura is emerging very fast because of adequate availability of raw materials & presence of a strong market linkage. Tripura is abundant in bamboo stick; Rolled battis are produced in different clusters. The ultimate value addition in this sector is done by perfuming raw battis. The incense stick or Agarbatti sub-sector has been accorded high priority by Tripura Bamboo Mission in view of the fact that there is enormous scope for immediate value addition and better return through skill training and income generation opportunity. Tripura Bamboo Mission, under the Dept. Of Industries & Commerce, Govt. of Tripura, arranged to train the rural artisans in making of Masala Agarbatti by hand rolling on Bamboo sticks with masala, establishing Raw materials supply chain and Market linkage of the produced Rolled Batti.

On its mission approach to increase turnover & better livelihood involvement in Rolled batti sector, Tripura Bamboo Mission-IL&FS Clusters is also introducing mechanized rolled batti production activity by mobilizing communities, building their capacity by giving extensive training and ensuring market linkage for the produced mechanized rolled batti.

#### **Mobilization of Community**

Community Mobilization is an integral part of the strategy of cluster development. With the cooperation of local govt. and non-govt. organizations, a group of people are mobilized to engage in this sector and earn regular income through raw Agarbatti production. Private entrepreneurs are also identified and motivated to invest in the sector for maintaining sustainability.

- During this quarter, around 250 women including members of 35 SHGs were mobilized for starting Agarbatti rolling activity in different parts of Dhalai District in the state.

#### **Capacity Building**

Although rolling of Agarbatti requires minimum skill, but it is essential to impart the knowledge & technique of proper rolling method and production management. A quality inspection team also visits the centre to address the proper quality requirement of the products. Audio visual tools are used to effectively train the participants. A training manual in local language has been developed by TBM for distribution among the trainees for better understanding of the aspects of raw agarbatti production.

- During this quarter, 211 women have been trained in production of rolled batti.
- The training programs have been organized at Sudharampara, Halhuli, Lambu, Srirampur & Kalachari in Dhalai District of the state. The participants include members from 35 SHGs.



- Among the participants, 47 were SC, 39 were ST, 59 were OBC, 02 were minority and the rest 54 were from General category.

### Market Linkage

Market linkage is the most essential part of the cluster development that keeps the activity cycle in motion. Both forward and backward market linkage are crucial to sustain the Agarbatti rolling activity.

Regarding marketing ITC Ltd. had signed a MoU with TBM for procurement of the entire quantity of Raw Batti produced in the state & for this quality raw material supply shall be uninterrupted for enabling quality products in large volumes so that the rolling community earns livelihood regularly. On the other hand, the mechanized rolled batti production shall be marketed at a profitable rate to keep the viability of the sector however R & D of the required specific bamboo stick for producing mechanized rolled battis going on.

- All new production centers have been linked with the market for regular sale of raw Agarbatti.
- ITC is purchasing raw Agarbatti in bulk volume from the state through its partner Udayan.

Due to increased demand of Agarbatti masala raw material, TBM has taken initiative to set up a large scale production unit at Kumarghat. The unit is set up by Sree Balaji Udyog with support from Dept. of I&C, GoT and NMBA, New Delhi.

### New Partners in Development

TBM-IL&FS Clusters implements the project in Private-Public Partnership mode for better efficiency and results. TBM partners with various organization/firms to sustainably run the clusters.

- 1 new entrepreneur, Mr. Sukharanjan Sinha, Abanga, Salema, Dhalai has been mobilized and motivated who have invested in rolled batti business in new potential locations of Dhalai District.
- Nisha Bamboo Industries, Nabanagar, Tripura West, has been promoted for Agarbatti rolling, perfuming & packaging & they have already launched two variants of packed Agarbatti in the brand name of 'NISHA' in Tripura.
- Five (5) new production centers have been set up during this quarter across various parts of Dhalai District as follows.
  1. Sudharampara, Ambassa
  2. Halhuli, Salema
  3. Lambu, Salema
  4. Srirampur, Salema
  5. 2No, Kalachari, Manu
- "Society for Handicrafts & Literacy Promotion Initiative" has been set up for mechanized unit of Rawbatti Production in AD Nagar with support of EXIM bank.



- **“Soceial Innovation Soceity”** at Lankamura has been set up a semi mechanized unit for producing square Bamboo Sticks for using in machine made rolled/ raw batti production.
- **Sree Balaji Udyog**, a partner of TBM has taken initiative with support from NMBA, Deptt. Of Science & Technology, GoI to set up a modern Agarbatti Masala unit at Kumarghat in North Tripura. Machineries have been installed and the trial production has been started.
- **MSME**, New Delhi as a partner of TBM-IL& FS Clusters has taken an initiative to set up a bamboo cluster under their Cluster Development Program for developing the Agarbatti sector in the state.
- **National Innovation Council** also has taken an initiative to set up a Cluster Inovation Centre in Agartala with the support of Tripura bamboo Mission for developing the Agarbatti Sector in the state.



## Training Photo Gallery

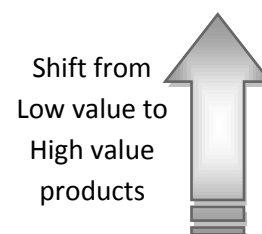






### 3.2. PROGRESS ACHIEVED IN HANDICRAFTS SECTOR

The bamboo handicrafts of Tripura are well known all over the country for the high skill and dexterity levels of the artisans. It is estimated that the bamboo handicrafts sector alone employs nearly 20,000 people in the state. It is well known that handicraft and artisan skills are significant rural livelihood providers in Tripura and are ranked as the one of the largest rural income provider after agriculture. The sector is important also from the point of view of low capital investment, high ratio of value addition and a high livelihoods multiplier especially for women, tribals and weaker sections of the society. Handicrafts sector in Tripura can be largely sub divided into subsectors as bamboo, Rattan (Cane), Terra cotta but Bamboo Handicrafts sector provides largest employment to artisans at rural and urban. Bamboo handicrafts including bamboo mats and incense form a sizable part of the rural economy in the state.



Tripura Bamboo Mission has been working towards development of this sector in a very organized manner. The key objective of TBM is to generate sustainable livelihoods for bamboo handicraft artisans by enabling them to build their own institutions and production centers and by building their capacities as the skill levels and the institutional capacity in most of the rural clusters bamboo based clusters are grossly inadequate to mobilize optimal scales of operations in synchronization with the requirements of the mainstream markets. This coupled with limited access to markets, market information, latest technology developments in the sector and infrastructure requirements have resulted in a “low productivity, low volume and low value scenario”.



#### Handicraft Clusters of Tripura

A Cluster as defined by experts means the following:

“Clusters are groups of independent companies and associated institutions that are:

- Collaborating and competing;
- Geographically concentrated in one or several regions, even though the cluster may have global extensions;
- Specialized in a particular field, linked by common technologies and skills;
- Either science-based or traditional

Clusters can be either institutionalized (they have a proper cluster manager) or non-institutionalized.”

The Bamboo Handicraft clusters in the state of Tripura have grown since decades with many of the above mentioned characteristics, but they lack many important components



for growth. However, Tripura Bamboo Mission's objective is to induce holistic growth by strengthening skill bases, developing infrastructure, institutionalization at various levels of value chain and linking with market in order to develop them as ideal clusters. The following handicraft clusters are under intervention by Tripura Bamboo Mission.

- Majlishpur
- Jirania
- Jogendranagar
- Agartala
- Gandhigram
- Nalchar
- Charilam
- Bagabasa
- Baikhora
- Udaipur
- Kaladhepa
- Kalibazar
- Katlamara & Simna

The clusters are categorized as per their product category such as:-

- Turning Products
- Decorative & other utility products
- Basketry
- Loom woven Mat and mat based products
- Bamboo and sheetal pati based products
- Furnishing

Sl. No.	Cluster	Product category	TBM's strategy for development	TBM's activity during this quarter
1	Majlishpur	Loom woven Mat and mat based products	Skill development, Institution building, Infrastructure development, Market development	Skill Development, Technology Induction, Market Development
2	Jogendranagar	Loom woven Mat and mat based products	Skill development, Institution building, Infrastructure development, Market development	Skill Development, Technology Induction, Market Development
3	Agartala	Loom woven Mat and mat based products, Turning Products, Decorative & Utility, Furnishing	Skill development, Institution building, Infrastructure development, Market development	Skill development, Market Development
4	Nalchar	Basketry	Skill development, Institution building, Infrastructure	Skill & Design development, Market Development, Infrastructure development,



			development, Market development	Technology Induction
5	Charilam	Basketry	Skill development, Institution building, Infrastructure development, Market development	Skill & Design development, Market Development, Infrastructure development, Technology Induction
6	Bagabasa	Basketry	Skill development, Institution building, Infrastructure development, Market development	Skill & Design development, Market Development, Technology Induction
7	Baikhora	Bamboo & sheetal pati based products	Skill development, Institution building, Infrastructure development, Market development	Skill & Design development, Market Development
8	Udaipur	Turning Products, Decorative & other utility products.	Skill development, Institution building, Infrastructure development, Market development	Infrastructure development.
9	Kaladhepa	Loom woven mat & mat based products.	Skill development, Institution building, Infrastructure development, Market development	Skill & Design development, Market Development, Technology Induction
10	Katlamara & Simna	Furnishing	Skill development, Institution building, Infrastructure development, Market development	Market development.
11	Kalibazar	Furnishing & Utility	Skill Development, Infrastructure development, Market development	Market development

TBM since the beginning of the project has been working extensively towards development of this sector and during this quarter TBM conducted the following programmes in the handicraft clusters during this quarter:

### **Skill Development Programme**

Artisans are the most integral part of the clusters and developing their skills to produce high value products is an important activity of TBM. The skill development programme has two approaches; first to develop skills of existing artisans and second, to increase the artisan base. These two approaches will address the two major challenges; to produce high value contemporary products and execution of large volume orders. The following skill development programmes have been conducted by TBM during this quarter.





❖ **Programmes under the project “Institution & Industry Linked Capacity Building In Bamboo Packaging And Utility Products For Rural Artisans In Tripura” supported by Ministry of Development of North East Region (DoNER), Government of India**

The project aims to provide specialized trainings in identified sectors with established market potential through linkage with well established institutional and industry partners. The program will focus on two key areas of skill training:

- i. Skill Training for Bags and Accessories
- ii. Skill Training in bamboo packaging (three identified sub-sectors: Vegetable and Fruit exporters; confectionary products, spa and wellness products)

The skill training project aims at training 1500 artisans across three districts of Tripura the aims at building the capacities and thereby generating livelihoods for 1500 artisans. The training program will equip the artisan with skill sets which will help them cater to the current demands of the market.

### **1. Module A: Skill Training on Bamboo Bags and Accessories**

Artisans of Tripura have the skill of bamboo sliver mat weaving and traditional mat weaving provides livelihood to a large number of rural people of the state. The grade or type of mat woven by these artisans is used as the base-material to develop a wide array of bags, home-décor, kitchen-ware and office accessory and industrial products. The bamboo mat is converted into these utility items using various allied skills like cut-pasting and stitching & tailoring. With emergence of this value-added bamboo utility product segment, the demand for such mat based products has increased manifold. There is a huge scope for Tripura to become a leading supplier of utility bamboo-based products, hence providing better livelihood opportunities to the artisans. The training program has a demand driven approach where the demand pattern and product requirement of leading buyers has been taken into consideration to finalize the list of focus product categories that the program shall focus on. The other important factor has been the selection of the trainees who have the potential to graduate into a feasible production group and utilize the skills imparted for the commercial production. Construction or fabrication of such utility products requires special skills in terms of raw material, sizing, weaving patterns, material content, raw-material processing, machines & equipments, and improvised construction techniques. Therefore, specialized skill trainings on development of bamboo bags and accessories have been organized by Tripura Bamboo Mission with support from Ministry of DoNER to train the artisans, and develop various product-focused clusters in the state.

Selection of trainees in all the programmes have been done through organizing mobilization camps and involving local administrations such as, Gram Panchayat, RD Block, Cluster Societies etc. to ensure transparency in the process.



The **Module A** has been developed and delivered at various CFCs and value addition centers by TBM focusing on the design-innovation and diversification in bamboo bags and accessories. The material used is primarily bamboo; however a combination of bamboo mix-media has been encouraged during the training, considering the feasibility of product development and market trends governing the current markets for these products.

The program outline is as follows:

- Basics of drawing/bags/ file covers/ accessories
- Material Understanding/implementation/usage.
- Basic handbag pattern making/cutting.
- Basics of color/selection/matching
- Basics of machinery/stitching/tools used.
- Pricing and costing.

*Duration of Module A: 30 days*

*No. of trainees in each batch: 20 nos.*

**Details of the programmes conducted under this project are described below:**

### **1. Skill Training on Bamboo Bags & Accessories at Ashramtilla, Uttar Majlishpur**

Ashramtilla in Majlishpur is a locality known for its traditional bamboo home utility products, like table mats, *khaki* mats, and various kinds of mat based products. Most of the artisans are engaged in making of these mat based crafts. TBM has taken initiative for socio- economic development of the local artisans through bamboo based activity. With TBM's support a value addition center has been set up with a motive to strengthen the infrastructure of the center which would ensure better quality, better productivity and better returns to the artisans. The training program



has been conducted at this center to develop and diversify these potential utility mat-based products especially bags, purse, accessories etc.

### **2. Skill Training on Bamboo Bags & Accessories at CFC Kaladhepa, Satchand**

Kaladhepa in South Tripura district is a newly formed cluster. A community production centre has been set up by TBM at Kaladhepa. Around 50 (fifty) local artisans mostly women from ST community have been mobilized from the locality to work in bamboo craft making at the production centre. A society named 'Gairing', formed by the artisan

community is the managing agency of the production centre. The focus products in the cluster are bamboo mat and mat based utility products as these products have good demand in the market and the artisans have traditional skill of mat weaving. This training was organized to impart skills in bamboo mat based bag, folder and purse making for a batch of 20 artisans from the group. During the programme, master trainers were deployed by TBM in bag making and stitching.

## **2. Module B: Skill Training on Bamboo Packaging**

The focus of the skill training in bamboo packaging, in the three identified sub-sectors: Vegetable and Fruit storage; Confectionary product storage; and Spa and Wellness products, has been to instrument in bringing about a shift in the production of low value handicraft products that the artisans have been producing for the past many decades to development of high value packaging or storage solutions for various products that have a high market potential. The training program has a demand driven approach where the demand pattern and product requirement of leading buyers has been taken into consideration to finalize the list of focus product categories that the program shall focus on. The other important factor has been the selection of the trainees who have the potential to graduate into a feasible production group and utilize the skills imparted for the commercial production. The product category assigned to each group is based on the matching of the design requirement of the specific product with the skill profile of the artisan group. The development of such packaging products or solutions require special skills in terms of raw material, sizing, weaving structures, material content, raw-material processing, machines & equipments, and improvised construction techniques. Therefore, specialized skill trainings on development of bamboo packaging have been organized by Tripura Bamboo Mission with support from Ministry of DoNER to train the artisans, and develop various product-focused clusters in the state.

Selection of trainees in all the programmes have been done through organizing mobilization camps and involving local administrations such as, Gram Panchayat, RD Block, Cluster Societies etc. to ensure transparency in the process.

The **Module B** has been developed and delivered at various CFCs and value addition centers by TBM focusing on the design-innovation and production of bamboo packaging and storage solutions. Packaging experts from the industry have helped in developing the training module, keeping in focus the production feasibility of the packaging solutions so that the artisans can produce them in bulk quantities. The methods and techniques employed will be in tune with the existing skill base of the rural artisans in Tripura.

The training will focus on 3 types of packaging. These packaging materials will cater to the needs of the following industries:

- A. Fruits and vegetables
- B. Confectionery items
- C. Spa & Lifestyle products



The model of the training is as follows:

- Basics of drawing
- Material understanding/implementation/usage.
- Basics of color/selection/matching
- Basics of machinery/stitching/tools used.
- Pricing and costing.

*Duration of Module A: 15 days*

*No. of trainees in each batch: 50 nos.*

### 1. Skill Training on Bamboo Packaging at CFC Jogendra Nagar

Jogendra Nagar is a bamboo handicraft cluster known for split bamboo mats and other utility products. A common facility centre (CFC) has been set up by TBM at Duttapara in Cluster. Creative Bamboo Craft Guild, a society formed by the women artisans of the cluster, is the managing agency for the CFC. The society has now taken steps to diversify its business from running mat to other value added utility products like baskets, bags, room dividers, *chatai* etc. Tripura Bamboo Mission has organized this training programme to build capacities of the artisans linked to the society and enable it widen production base by diversifying into other allied crafts and product categories.



### 2. Skill Training on Bamboo Packaging at CFC Nalchar, Melagarh

Nalchar is a handicraft cluster, located around 40 km from the state capital Agartala. With a series of survey and meetings with the community, it was understood that they are interested to earn their livelihood through bamboo based activities. The artisans of the cluster have a basic skill level on Bamboo Based activities. The Industry linked Training for Bamboo Packaging Material was conducted with an objective of training artisans on producing bamboo packaging materials for Confectionery Items. The training programme was conducted for a period of 15days and fifty artisans attended the training from the cluster.





### 3. Skill Training on Bamboo Packaging at CFC Jogendra Nagar

Jogendranagar is a bamboo handicraft cluster known for split bamboo mats and other utility products. A common facility centre (CFC) has been set up by TBM at Duttapara in Cluster. Creative Bamboo Craft Guild, a society formed by the women artisans of the cluster, is the managing agency of the CFC. The society has now taken steps to diversify its business from running mat to other value added utility products like baskets, bags, room dividers, *chatai* etc. Tripura Bamboo Mission has arranged this training programme to build capacities of the artisans linked to the society and enable it widen production base by diversifying into other allied crafts and product categories.



### 4. Skill Training on Bamboo Packaging at Moishangbari, West Nalchar

Nalchar is a handicraft cluster, located around 40 km from the state capital Agartala. With a series of survey and meetings with the community, it was understood that they are interested to earn their livelihood through bamboo based activities. The artisans of the cluster have a basic skill level on Bamboo Based activities. The Industry linked Training for Bamboo Packaging Material was conducted with an objective of training artisans on producing bamboo packaging materials for Confectionery Items. The training programme was conducted for a period of 15 days and 60 artisans attended the training from the cluster.



### 5. Skill Training on Bamboo Packaging at CFC Nalchar, Melagarh

Nalchar is a handicraft cluster, located around 40 km from the state capital Agartala. With a series of survey and meetings with the community, it was understood that they are interested to earn their livelihood through bamboo based activities. The artisans of the cluster have a basic skill level on Bamboo Based activities. The Industry linked Training for



Bamboo Packaging Material was conducted with an objective of training artisans on producing bamboo packaging materials for Confectionery Items. The training programme was conducted for a period of 15days and seventy artisans attended the training from the cluster.

#### 6. Skill Training on Bamboo Packaging at Baramura, East Nalchar

Nalchar is a handicraft cluster, located around 40 km from the state capital Agartala. With a series of survey and meetings with the community, it was understood that they are interested to earn their livelihood through bamboo based activities. The artisans of the cluster have a basic skill level on Bamboo Based activities. The Industry linked Training for Bamboo Packaging Material was conducted



with an objective of training artisans on producing bamboo packaging materials for Confectionery Items. The training programme was conducted for a period of 15 days and forty eight artisans attended the training from the cluster.

#### 7. Skill Training on Bamboo Packaging at Madhyapara, West Nalchar

Nalchar is a handicraft cluster, located around 40 km from the state capital Agartala. With a series of survey and meetings with the community, it was understood that they are interested to earn their livelihood through bamboo based activities. The artisans of the cluster have a basic skill level on Bamboo Based activities. The Industry linked Training for Bamboo Packaging Material was conducted



with an objective of training artisans on producing bamboo packaging materials for Confectionery Items. The training programme was conducted for a period of 15days and sixty nine artisans attended the training programme from the cluster.

#### ❖ Programmes under the project “Integrated Skill Development Project for Rural Enterprise Development in the Bamboo Sector in Tripura”.

The proposed project has been framed in light of the capacity building of specific bamboo subsectors that have immense market potential and the immediate opportunity to be developed as high value added products or as a major intermediate product for organized industrial bamboo based industry. Based on a detailed assessment of the market potential

for value added applications of bamboo products, it has been ascertained that the way forward for the bamboo sector in the state is to make a paradigm shift from the current low value and fragmented production activities to high value added production build on a cluster based approach. The project aims to undertake an integrated skill training and capacity building program in the bamboo mats, furniture and home utility product segments, to build a strong rural enterprise base with a robust supply chain and effective market linkages. This will lead to optimal scales of production of value added products, better value realization and enables a large rural producers base to enhance their earning potential and strengthen their livelihoods

The project will undertake the complete re-skilling and the capacity building of the following focus clusters:

- Bamboo Mats.
- Bamboo based utility products. (Planter Coverings, Wastebaskets/Laundry Baskets, Clothes Hangers, Fruit Bowls & baskets, Magazine Racks, Screens, and trendy gifts )
- Bamboo furniture.
- The project is designed in an integrated manner and the various skill training and capacity building course modules cover the following key areas:
- Specific skills training based on market requirements to move up the value chain in each product sub – sector.
- Trainings on productivity enhancement and operations management of large production volumes to ensure economies of scale.
- Building of the institutional structure to ensure sustainable operations and address future growth prospects.
- Training on grassroots enterprise management.

Training on sales and marketing to facilitate direct market linkages with the final buyers.

### **1. Skill Training in Bamboo home Utility Goods**

The project aims to train 1000 skilled artisans in the production of bamboo utility based hand crafted products which have a high potential demand. The training will focus on training on use of mid – level technology and to build rural artisan enterprises with adequate production capacities. The training will entail introduction of bamboo treatment, polishing, staining and finishing techniques that are standard requirements for achieving the quality standards of contemporary cane & bamboo home accessories in most mainstream markets. A list of high potential products (woven table mats, bamboo curtains, Planter Coverings, Wastebaskets/Laundry Baskets, Clothes Hangers, Fruit Bowls & baskets, Magazine Racks, Screens, and trendy gifts designs) will be taken up under the project for design improvisation, product standardization and market tie-up.

The program outline is as follows:

- Basics of drawing
- Material Understanding/implementation/usage.
- Basic handbag pattern making/cutting.
- Basics of color/selection/matching
- Basics of machinery/stitching/tools used.
- Pricing and costing.





*Duration: 30 days*

*No. of trainees in each batch: 20 nos.*

**Details of the programmes conducted under this project are described below:**

### **1. Skill Training in Home Utility Goods at Ashramtilla, Jirania**

Ashramtilla is known for its traditional bamboo home utility products, like table mat, Khaki mat, many kinds of mat based products. Most of the artisans are engaged in making of this mat based craft. Tara Shankar Industry was established in the year 1980 by the local bamboo craft entrepreneur Mr. Shankar Debnath of Ashramtilla, Uttar Majlishpur GP, Jirania RD Block, West Tripura district. A value addition center has been set up with a motive to strengthen the infrastructure of the center which would ensure better quality, better productivity and better returns to the artisans. The training was organized for 30 days where artisans were trained in making bamboo utility goods.



### **2. Skill Training in Home Utility Goods at Kaladhepa, Sabrum**

Kaladhepa cluster is located in Satchand R. D. Block in South Tripura, approximately 125 km from Agartala. A community production centre has been set up by TBM where local tribal artisans, mostly women, are engaged in production of loom mat and mat based products. A society named 'Gairing' has been formed by the artisans to manage the centre. The training on home utility goods has been conducted at the centre where 20 skilled artisans have been trained by master artisans deployed by TBM. Curtains, table mats, bags etc were the focus products as these have good demand not only in outside state market but in local market as well.



### **2. Training on Enterprise Management and Institutional Capacity Building**

Building the institutional structure for the rural producer groups across the sub sectors will be critical to their capacity to link directly and effectively with mainstream markets and ensure their future growth prospects. The project will support the formation of a minimum 20 SHG federations/ societies / cooperatives to facilitate grassroots producers in building scale in operations and to effectively link with the market.



Under the project, 100 grassroots leaders will be trained in various aspects of grassroots enterprise management that include.

- Basic Capital Budgeting
- Book keeping and preliminary accounting
- Financial Management
- Manpower Planning and human resource management
- Business Strategy planning and project management.

*Duration: 3 days*

*No. of trainees in each batch: 25 nos.*

**Details of the programmes conducted under this project are described below:**

### **1. Skill Training in Enterprise Management & Institutional Capacity Building at TBM project office, Agartala**

The Development Workshop on Enterprise Management & Institution Capacity Building was held at 10.15 AM on 22nd December, 2011 at TBM Project Office, Agartala. 39 persons from various SHGs, Societies, federations and enterprises engaged in the sector of bamboo participated in the 3 day programme. Resource persons from TBM, NeDFI, Industries & Commerce dept., Tripura University, TRIBAC, Tripura state cooperative bank trained the participants in different aspects of enterprise development under various sessions.



### **3. Training on Sales & Marketing**

Establishing the right market linkages and undertaking a sustained marketing program is perhaps the biggest challenge faced by the rural enterprises in Tripura. It has been observed that the producers across categories of products are invariably linked to a long chain of middlemen and operate on very low margins. In sponsored marketing support programs such as exhibitions, the artisans are unable to realize commercially viable level of sales, mostly as a result of limited market information, lack of capacity for proper merchandise planning, customer management, visual merchandising and inadequate market promotions.

The project will train a group of 150 local youth managers for a duration of one year in the nature of on the job training covering the following areas:

- Institutional Marketing (B2B): Under the project reverse buyer – sellers meets will be organized whereby the major buyers will be invited to Tripura to directly link and



place orders with the producer groups. The groups will be trained to negotiate prices, prepare purchase orders and use the formal banking system to execute bulk orders and receive payments.

- **Retail Marketing and Exhibition management:** The project will support one out – of – state exhibition which will provide a dual platform to show case the new product development and also provide practical training in inventory management, visual merchandising, customer relations management, building a customer database, capturing customer feedback and in other aspects of retail marketing.
- **Market development and promotion:** The project will also support training on market development and promotion where the focus will be on effective handling of buyer communications, product sampling, market testing of new sample developments, development of promotional material like CD-ROM product catalogues, brochures etc.

**Duration: 1 year**

**No. of trainees in each batch: 100 nos.**

**Details of the programmes conducted under this project are described below:**

#### Participation in IITF 2011, New Delhi

Like the previous years, this year also Tripura Bamboo Mission participated in the IITF 2011. However, this time the participants were from Tripura Natural Fibres and Bamboo Ltd., the SPV of Handicraft entrepreneurs and producers of Tripura promoted by Tripura Bamboo Mission and representatives from 2(two leading) societies promoted by TBM.



#### ❖ Inauguration of Kaladhepa Bamboo Based Community Production Centre

The bamboo based community production centre (CFC) at Kaladhepa, set up by TBM, was inaugurated by Hon'ble Minister of Industries & Commerce, Shri Jitendra Chaudhury on 24<sup>th</sup> November, 2011. The centre is being managed by Gairing society formed local artisans under promotion of TBM. During the ceremony, others present were Director, THHS, local panchayat representatives and TBM coordinators.



## Photo Gallery

### Mobilization Camp



### Training







## Products







### 3.3.PROGRESS ACHIEVED IN MAT SECTOR

In Dhari mat sector several interventions were made by Tripura Bamboo Mission and its implementation agency, IL&FS-Clusters has been focusing the sector to meet the demand of the bamboo ply industries across the country. As the artisans of Tripura having good weaving skill, it is very easy to motivate them for production of industrial mat. Beside industrial uses, domestic utilization of the Dhari mat is also there in the state. Hence some of the centre currently caters the domestic demand of the dhari. The increase of production, community mobilization across the state, marketing linkages and development of infrastructure were the issues in this quarter.

The details of the activities of the Dhari Mat sector in 3<sup>rd</sup> quarter of financial year 2011-2012 are as follows:

#### Community Mobilization

Community mobilization activity was necessary for the involvement of the rural community in the sector. The different aspects like- challenges & scopes of the sector, raw material, marketing linkages should discuss during the meeting. In this quarter about 600 rural artisans were mobilized.

- In West Tripura District around 180 rural people mostly women were mobilized at Ramcharra, Gopinagar & Chickoncharra. The objectives of TBM and strategy in Dhari Mat sector were discussed. Local entrepreneur was identified and showed interested to go further in the activity. The prospects and also the benefits of the artisans were also included in the agenda.
- Beside, In North Tripura District mobilization programme was conducted with near 400 artisans.

#### Capacity Building

During the quarter, 7(Seven) Training Programmes have been conducted 265 persons were trained in industrial mat weaving in West & North Tripura District. The training programme was conducted at Joynagar, Kheranjur, Ramcherra, Gopinagar, Chickoncharra, Keuribasti & Gabendapur Village.

#### Market Linkage

The demand of dhari mat is increasing by the bamboo ply board industries as raw material for producing the finished products. Tripura Bamboo Mission is continuing the marketing support for the products with leading industries from North- East and even from Kolkata. P.S.Green Gold Bamboo industry of Dharmanagar, North Tripura is closely working with TBM as local marketing partner of the bamboo mat.

Apart from Bamboo ply board industries in the North East like Arunachal Plywood Industries Ltd (APIL), Namsai, Arunachal Pradesh and Zonun Bamboo Ply, Lengpui, Mizoram, A.B.Composit, Kolkata is also linked with for the purpose.



## Photo Gallery



### 3.4.RESOURCE GENERATION SECTOR

Resource is the backbone of the bamboo based activities of the state. Under the TBM resource generation program, the focus has been to address the resource requirement of the various bamboo value addition clusters. Most value added applications of bamboo require specific non-Muli species of bamboo, the supply of which is currently limited. To meet the future requirement of raw material based on the projected growth of the bamboo sector in the state, TBM has initiated various resource generation activities such as plantations, raising nursery, awareness generation and skill development for field functionaries etc.

#### **Commercial Bamboo Plantation**

TBM has completed the weeding activity of the bamboo plantation of 64.22 hectare in Hezamara R.D.Block of West Tripura under MGNREGA support. In both places, i.e. Saratchowdhury Para & Meghliband, weeding has been done for two times. In this entire plantation 163 beneficiaries were directly involved. Exposure visits were organized for the beneficiaries during this quarter.

#### **Nursery Management**

Besides plantation, Tripura Bamboo Mission also raised a bamboo nursery at Hatipara, on the outskirts of Agartala. 1,02,000 bamboo plantlets of *Bambusa tulda* species and 14,000 of *Bambusa pallida* species are being raised at the nursery. These plantlets will be planted in coming June-July planting season in different plantation sites of the state.

#### **National Bamboo Mission programme**

Under National Bamboo Mission programme Tripura Bamboo has completed the following activities in this quarter of the financial year 2011-12.

- Training on Bamboo Propagation, Cultivation & Value addition within the state.
- Training of Field Functionaries.
- Training cum exposure visit of Farmers to outside of the state.

In this quarter, under Training on Bamboo Propagation, Cultivation & Value addition with in state programme Tripura Bamboo Mission has conducted 1(One) such programme at Dhari Mat Community Production Centre, Salema.

Training of Field functionaries on Bamboo resource Management was conducted at Panchayat Samiti Hall for the south Tripura. Field functionaries from all the forest divisions of south Tripura were participated.

Six Training cum exposure visit of Farmers to outside of the state was conducted in the quarter for 190 farmers across the state to Assam, Meghalaya & Mizoram. The programme was provided a platform to the farmers to share their experience and also gather the knowledge of bamboo management and value addition activities to the concerned state.





## Photo Gallery







### 3.5.PROGRESS ACHIEVED IN INDUSTRIAL APPLICATION SECTOR

Promotion of bamboo industrial applications is an important means to ensure the long term growth through value addition and employment generation in the sector. The TBM in partnership with the NMBA has undertaken certain pilot activities and investments in area of introducing industrial applications of bamboo and higher value added, technology based initiatives in the bamboo sector in the state. Industrial Application of bamboo was introduced during phase I and during phase II, the sector grew a little slowly but steadily. Introduction of mechanized stick making, mechanized rolling, Pulverizing etc. are some of the applications that contributed to this sector during project phases I & II. These coupled with approval of Bamboo Park set the base for value added technology intensive bamboo industries in the state.

#### Bamboo Park

The units that will come up at the bamboo park will be producing technology intensive products and for viable operations of these units adequate and uninterrupted supply of raw and semi-processed bamboo has to be ensured. The supply chain has to be established by linking the village or cluster level producer groups with these units. The TBM and TIDC are working in close coordination to ensure that the park enterprises have a strong backward linkage for sourcing the raw material.

At present, the approach road of the bamboo park has been drawn out, though carpeting and metaling works have not been started yet. Other land development and site preparation works are in progress.



### Mechanized Rolling

Mechanized rolling of incense stick has been introduced by TBM in the state. TBM's partner SHILPI society has installed and operationalized 20 paddle type rolling machine at Agartala. Mechanized rolling is emerging as the next level of livelihood generation activity with technological and commercial importance.



### Semi mechanization for Bamboo stick production

TBM has introduced semi mechanization process for Agarbatti bamboo stick production. TBM's partner 'Soceial Innovation Socieity' has installed the tools & machineries at Lankamura near Agartala. Here almost 50 nos of families are engaged in this activity. In this process the produced Bamboo sticks are acknowledged as the best quality square sticks, not only in Tripura also in our national market.





## 4. COMPARATIVE STATEMENT

I	INCENSE SECTOR	Q1	Q2	Q3	Q4	Achievement till Q2
A.	<i>Polished Sticks</i>					
	Establishment of 15 mini CFC					5 mini CFCs established
	Training to be imparted to 1500 artisans					1767 persons trained
	Formation of one state level SPV for marketing					Under formation
	Establishment of central bamboo stick warehouse at Kumarghat					DPR under process
B.	<i>Rolled Agarbatti</i>					
	Establishment of 20 rolling centres					1 mini CFC and 10 production centers established
	Training to be imparted to 1500 artisans					525 persons trained
	Establishment of one private sector run raw material centre					Batch production started
II	HANDICRAFTS & FURNITURE SECTOR	Q1	Q2	Q3	Q4	Achievement till Q2
A.	<i>Design Development</i>					
	-commercial packaging products					Designs developed for Packaging materials and Bags & Accessories in collaboration with industry experts & designers
	- Turning and Tray (2)					1 programme conducted
	- Bag Making training (2 programs)					6 programmes conducted
	- Home utility products					1 programme conducted
	<i>Skill Training – 28 training programs covering 800</i>					8 programmes; 307 persons



	<i>artisans</i>					trained
	<i>Strengthening of Design Cell – core team of 10 local master artisans to be engaged for undertaking ToT in clusters</i>					1 designer and 2 master artisans inducted
	<i>Market Development by SPV</i>					
<b>III</b>	<b>DHARI MAT (build capacity of 6 lakh mats)</b>	Q1	Q2	Q3	Q4	Achievement till Q2
	Strengthening of existing societies					Yes. 948 rural people trained in West Tripura.
<b>IV</b>	<b>RESOURCE GENERATION</b>	Q1	Q2	Q3	Q4	Achievement till Q2
	Demonstration Plantation in 70 Ha- Hezamara					Weeding for 2 times done for the 64.22 ha plantation in Hezamara Block
	Promotion of community plantation and homestead plantation in 60 ha in N Tripura & W Tripura dist					Community mobilization and land identification under process
<b>V</b>	<b>INFRASTRUCTURE DEVELOPMENT- BAMBOO PARK</b>	Q1	Q2	Q3	Q4	Achievement till Q2
	- Site Development and boundary wall					Site development under progress; approach road completed except metaling.
	- Master planning and finalization of drawings					Master planning done & approved and road drawings finalized
	- Award of key contracts					Key contracts awarded for approach road, internal road and site grading



## 5. TBM PARTNERS:-

- Ministry of Rural Development, Govt. of India
- Ministry of DoNER, Govt. of India
- National Mission on Bamboo Applications, Govt. of India
- National Bamboo Mission, Govt. of India
- Department of Rural Development, Govt. of Tripura
- Department of Forests, Govt. of Tripura
- Tripura Handloom and Handicrafts Development Corporation Ltd.
- Tripura JICA
- ITC- SBU Agarbatti
- Udayan
- BCDI, Agartala
- Arunachal Plywood Industries Ltd.
- A B Composites Pvt. Ltd.
- National Institute of Design
- AIACA
- Indian Plywood Industries Research Institute
- Industree
- Indian Institute of Craft and Design
- Rosebys Interiors India Ltd.
- Growmore Biotech
- Sheel Biotech
- Shop for a Cause, Bangalore
- Stragure Technologies
- Cane Concepts, Nagaland
- Et Interactive, Chennai



## 6. TBM IMPLEMENTATION TEAM

	<i>Sl. No.</i>	<i>Name</i>	<i>Designation</i>
Project Implementation Team based in Tripura	1	Kedar Krushna Panda	Sr. Manager
	2	Saurabh Dey	Sr. Officer
	3	Santanu Banik	Cluster Coordinator
	4	Sujit Ghosh	Sr. Coordinator
	5	Rabin Bose	Sr. Coordinator
	6	A. B. Fazal Ali Mazumdar	Accounts Consultant
	7	Sukanta Das	Cluster Coordinator
	8	Rama Reang	Cluster Coordinator
	9	Mridul Pal	Cluster Coordinator
	10	Alok Das	Associate Coordinator
	11	Subrata Majumder	Associate Coordinator
	12	Sutapa Chakraborty	Cluster Coordinator
	13	Tapas Dey	Associate Coordinator
	14	Suman Pal	Associate Coordinator
	15	Lab Datta	Associate Coordinator
	16	Koushik Das	Associate Coordinator
	17	Sreyashi Datta (Dey)	Asst. Administrator
	18	Apu Majumdar	Civil Engineer
	19	Rajib Saha	Training Coordinator
	20	Ajit Majumdar	Training Coordinator





## 7. ANNEXURE: DETAILS OF PROGRAMMES CONDUCTED DURING OCTOBER-DECEMBER, 2011

### 1. List of Trainings in Polished Stick sector

Programmes under the project "Skill Development Training on Polished Bamboo Stick (Agarbatti Stick) making" supported by Tripura JICA Project, Government of Tripura

Sl. No	Programme name	Venue	Date	Duration	No of Artisan	SC	ST	OBC	Mino	Male	Female	SHGs
1	Skill Development training on polished stick training	Pachim Takka JFMC, Bagafa Forest Division	21 <sup>st</sup> – 25 <sup>th</sup> Nov' 11	5 days	36	0	36	0	0	16	20	Karma Sramik SHG, Chubamong SHG, Sabitri SHG, Daridro Unnyon SHG
2	Skill Development training on polished stick training	Sishamung JFMC, Gumti Forest Division	26 <sup>th</sup> - 30 <sup>th</sup> Dec' 11	5 days	40	0	40	0	0	5	35	Lamkaham SHG, Yapreethansa SHG, Khumpni SHG, Yakrhai SHG.
3	Skill Development training on polished stick training	Dasarathnagar JFMC, Bagafa Division	26 <sup>th</sup> - 30 <sup>th</sup> Dec' 11	5 days	40	0	40	0	0	19	21	Laxbai SHG, Gramonayan SHG, Deshabandhu SHG, Loknath SHG
4	Skill Development training on polished stick training	Pelpui JFMC, Gumti Forest Division	27 <sup>th</sup> – 31 <sup>st</sup> Dec, 11	5 days	31	0	31	0	0	5	26	Lungkham SHG, Seven Star SHG, Asha SHG, Mosi SHG
5	Skill Development training on polished stick training	Bhangamura JFMC, Bagafa Forest Division	27 <sup>th</sup> – 31 <sup>st</sup> Dec, 11	5 days	36	0	36	0	0	22	14	Ramkrishna SHG, Mahamaya SHG, Ker puja SHG, Hum SHG
<b>Total</b>					<b>183</b>	<b>0</b>	<b>183</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>116</b>	



## 2. List of trainings in Raw Agarbatti sector

Programmes under the project "**Training on Incense Stick Rolling (Handrolling of Agarbatti) for household SHG members/community**" supported by DRDA, Dhalai district

Sl. No	Programme name	Venue	Date	Duration	No. of trainee	SC	ST	OBC	GEN	Min	SHGs
1	Training on Incense Stick Rolling	Sudharampara, Ambassa RD Block, Dhalai	19th to 23rd October, 2011	5 days	41	12	5	14	0	0	1. Baggalipa 2. Ujjal 3.Samashti 4. Majdur 5. Subajshyamal 6. Quality Impurment Society
2	Training on Incense Stick Rolling	Halhuli, Salema RD Block, Dhalai	21st to 25th October, 2011	5 days	39	6	0	32	0	1	1.Santana 2.Akangkha 3.Ekata 4.Ujjal Mahila Samiti 5.Sree Maa
3	Training on Incense Stick Rolling	Lambu, Salema RD Block, Dhalai	1st to 5th November, 2011	5 days	47	14	6	5	22	0	1.Chader Alo 2.Loknath 3.Uday 4.Mytri 5.Thakurbani 6.Kishorisangha 7.Bolsoubik 8.Bukari 9.Khakhaksha
4	Training on Incense Stick Rolling	Srirampur, Salema RD Block, Dhalai	10th to 14th November, 2011	5 days	41	4	28	6	3	0	1.Pahalnibodal 2.Tuishakkhalak 3.Aima 4.Chethuang 5.Khakaham 6.Khanthaksa 7.Phanbaksa 8.Hamkarai Bodol 9.Pohar 10.Thakurbani 11.Ramthakur 12.Tiyaribodal
5	Training on Incense Stick Rolling	2 No Kalachari, Salema RD Block, Dhalai	23rd to 27th November, 2011	5 days	43	11	0	2	29	1	1.Kishorisangha 2.Thakurbani 3.Bolsoubik
<b>Total</b>					<b>211</b>	<b>47</b>	<b>39</b>	<b>59</b>	<b>54</b>	<b>2</b>	



### 3. List of Programmes in Handicrafts & Furniture sector

Programmes under the project "**Institution and Industry Linked Capacity Building in Bamboo Packaging, Bags and Accessories for Rural Artisans in Tripura**", supported by **Ministry of Development of North East Region (DoNER)**, Government of India

Sl. No.	Name of Programme	Training module	Venue	Date	Duration	Details of Participants									
						Total	SC	ST	OB C	Min	Gen	Female	BPL	SHG	SHG name
1	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material-Fruits & Confectionary products (Module B)	CFC Duttapara, Jogendranagar, Agartala	28th October to 11th November, 2011	15 days	53	37	0	10	1	5	52	36	13	Pratyasha, Matarani, Joyram, Ankurshakti, Sonali, Sibsakti, Kalimata, Kusum, Din Dayal, Shree Durga, Sarojini Naidu, Ramjaan, Jogmaya
2	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material-Fruits & Confectionary products (Module B)	CFC Nalchar, Purba Nalchar G. P., Melaghar R. D. Block, West Tripura	5th to 19th November, 2011	15 days	50	46	0	0	0	4	43	23	11	Anatardayi, Surendra Swayan Siddha, Nabajyoti, Trishna, Joy Santoshi Maa, Pritilata, Rajeshwari, Bandhan, Sandhan, Gitanjali
3	Industry Linked Training Programme on Bamboo Bags & Accessories	Bags & Accessories (module A)	Ashramtilla, Uttar Majlishpur G. P., Jirania R. D. Block, West Tripura	28th October to 26th November, 2011	30 days	20	3	0	16	0	1	19	12	5	Sohungmoni, Brahmatilla, Joykali, Jagrata, New Kalpataru



4	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material- Fruits & Confectionary products (Module B)	CFC Duttapara, Jogendranagar, Agartala	15th to 29th November, 2011	15 days	63	7	0	38	2	16	63	23	21	Teresa, Dindayal, Laxmi, Shree Durga, sarojini Naidu, Ramjan, Mukti, Pratyasha, Kalimata, Nilkamal, Kusum, Moon, Sonali, Maa Manasha, Dishari, Nabin Swanirbhar, Anjali, Bibekananda, Suprabhat, Karunamoyee, Matarani,
5	Industry Linked Training Programme on Bamboo Bags & Accessories	Bags & Accessories (module A)	CFC Kaladhepa, Uttar Kaladhepa ADC Village, Satchand RD Block, South Tripura	16th November to 15th December, 2011	30 days	20	0	20	0	0	0	20	10	0	
6	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material- Fruits & Confectionary products (Module B)	Bamboo Value Addition Centre, Moishangbari, Paschim Nalchar G. P., Melaghar R. D. Block, West Tripura	6th to 20th December, 2011	15 days	60	52	0	0	1	7	53	18	1	Manasha





7	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material- Fruits & Confectionary products (Module B)	CFC Nalchar, Paschim Nalchar G. P., Melaghar R. D. Block, West Tripura	7th to 21st December, 2011	15 days	70	64	0	0	2	4	63	35	26	Love Story, Gitanjali, Mangaldeep, Sakharata, Rajeshwari, Bandhan, Angita, Tripureshwari, Rabithakur, Indira, Manorama, Joy Santosh, Deepa, Puja, Tulshi, Dalit, Priyadarshini, Tarun Ekya, Mother Teresa, Santoshi Maa, Bidyasagar, Asha, Varasha, Pritilata, Vivekananda, Naboday
8	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material- Fruits & Confectionary products (Module B)	Baramura, Purba Nalchar G. P., Melaghar R. D. Block, West Tripura	12th to 26th December, 2011	15 days	48	44	0	0	0	4	42	18	7	Tarun Ekya, Joy Santoshi Maa, Mother Teresa, Asha, Sayan Siddha, Varasha, Swami Vivekananda
9	Industry Linked Training Programme on Bamboo Packaging Material	Packaging Material- Fruits & Confectionary products (Module B)	Bamboo Value Addition Centre, Madhyapara, Paschim Nalchar G. P., Melaghar R. D. Block, West Tripura	12th to 26th December, 2011	15 days	69	58	0	0	0	11	65	16	5	Sandhan, Jagat Janani, Mother Teresa, Samaj Kalyan, Samatip
<b>Total</b>						<b>453</b>	<b>311</b>	<b>20</b>	<b>64</b>	<b>6</b>	<b>52</b>	<b>420</b>	<b>191</b>	<b>89</b>	



Programmes under the project "**Integrated Skill Development Project for Rural Enterprise Development in the Bamboo Sector in Tripura**", supported by  
**Ministry of Development of North East Region (DoNER)**, Government of India

Sl. No.	Name of Programme	Training module	Venue	Date	Duration	Details of Participants									
						Total	SC	ST	OBC	Min	Gen	Female	BPL	SHG	SHG name
1	Skills Training in Home Utility Goods	Skill Development Training	Ashramtilla, Uttar Majlishpur G. P., Jirania R. D. Block, West Tripura	28th October to 26th November, 2011	30 days	20	3	0	16	0	1	19	12	5	Sohungmoni, Brahmatilla, Joykali, Jagrata, New Kalpataru
2	Skills Training in Bamboo Home Utility Goods	Skill Development Training	CFC Kaladhepa, Uttar Kaladhepa ADC Village, Satchand RD Block, South Tripura	16th November to 15th December, 2011	30 days	20	0	20	0	0	0	20	10	0	
<b>Total</b>						<b>40</b>	<b>3</b>	<b>20</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>39</b>	<b>22</b>	<b>5</b>	



Programmes under the project "**Integrated Skill Development Project for Rural Enterprise Development in the Bamboo Sector in Tripura**", supported by  
**Ministry of Development of North East Region (DoNER)**, Government of India

Sl. No.	Name of Programme	Venue	Date	Duration	No. of participants
1	Enterprise management & Institutional Capacity Building Training	Conference Hall, TBM Project Office, Kunjaban, Agartala	22nd to 24th December, 2011	3 days	39
				<b>Total</b>	<b>39</b>

Programmes under the project "**Integrated Skill Development Project for Rural Enterprise Development in the Bamboo Sector in Tripura**", supported by  
**Ministry of Development of North East Region (DoNER)**, Government of India

Sl. No.	Name of Programme	Training module	Venue	Date	Duration	Participating Society/Community owned Organization
1	Participation in IITF 2011	Training on Sales & Marketing (Out of State Retail Exhibition)	Tripura Pavilion, Pragati Maidan, New Delhi	14th to 27th November, 2011	14 days	Contemporary Association for Rural Empowerment, Kalibazar and Natural Weaves & Crafts, Baikhora



#### 4. List of Trainings in Mat sector

Programmes under the project " <b>Integrated Skill Development Project for Rural Enterprise Development in the Bamboo Sector in Tripura</b> ", supported by Ministry of Development of North East Region ( <b>DoNER</b> ), Government of India														
Sl. No.	Name of Programme	Venue	Date	Duration	Details of Participants									
					Total	SC	ST	OBC	Min	Gen	Female	BPL	SHG	SHG name
1	Skills Training in Industrial Mat Weaving	Joynagar, North Tripura	22nd to 25th October, 2011	4 Days	42	25	0	3	1	13	3	39	0	
2	Skills Training in Industrial Mat Weaving	Kheranjuri, North Tripura	22nd to 25th October, 2011	4 Days	42	3	0	4	2	33	0	42	1	Noorjahan SHG
3	Skills Training in Industrial Mat Weaving	Ramcherra, West Tripura	23rd to 26th October, 2011	4 Days	45	45	0	0	0	0	20	25	0	
4	Skills Training in Industrial Mat Weaving	Gopinagar, West Tripura	23rd to 26th October, 2011	4 Days	41	41	0	0	0	0	0	41	2	Manasha SHG ,Barsha SHG
5	Skills Training in Industrial Mat Weaving	Chickon Cherra, West Tripura	28th to 31st October, 2011	4 Days	46	46	0	0	0	0	3	43	0	
6	Skills Training in Industrial Mat Weaving	Keuri Basti, North Tripura	12th to 15th November, 2011	4 Days	42	0	42	0	0	0	8	34	0	







# Tripura Bamboo Mission- Quarterly Progress Report (October-December, 2011)

7	Skills Training in Industrial Mat Weaving	CFC Duttapara, Jogendranagar, Agartala	16th to 20th November, 2011	5 days	53	7	0	36	1	9	53	21	18	Laxmi, Shree Durga, Dindayal, Pratyasha, Kalimata, Sarojini Naidu, Mukti, Kusum, Moon, Sonali, Maa Manashi, Nabin Swanirbhar, Anjali, Suprabhat, Bibekananda, Matarani, Nilkamal, Ramjan,
8	Skills Training in Industrial Mat Weaving	Gabendapur, Kadamtala, North Tripura	18th to 21st November, 2011	4 Days	42	13	0	24	5	0	1	41	0	
9	Skills Training in Industrial Mat Weaving	Ashramtilla, Uttar Majlishpur G. P., Jirania R. D. Block, West Tripura	21st to 25th November, 2011	5 days	20	3	0	15	0	2	19	6	5	Sohungmoni, Brahmatilla, Joykali, Jagrata, New Kalpataru
10	Skills Training in Industrial Mat Weaving	CFC Duttapara, Jogendranagar, Agartala	21st to 25th November, 2011	5 days	60	11	0	38	1	10	60	35	15	Pratyasha, Joyram, Ankursakti, Sonali, Kalimata, Sarojini Naidu, Matarani, Dishari, Karunamoyee, Teresa, Dindayal, Kusum, Sree Durga, Ramjan, Jogmaya,
11	Skills Training in Industrial Mat Weaving	Ashramtilla, Brajanagar, Uttar Majlishpur G. P., Jirania R. D. Block, West Tripura	26th to 30th November, 2011	5 days	40	8	0	32	0	0	40	16	7	Joy Maa Tara, Swami Jogananda, Sohungmoni, Gitanjali, Rupnarayan, Puja, Durganagar Nari Kalyan,





# Tripura Bamboo Mission- Quarterly Progress Report (October-December, 2011)

12	Skills Training in Industrial Mat Weaving	CFC Dudhpatil, Mohanpur, Jirania RD Block, West Tripura	10th to 14th December, 2011	5 days	40	8	0	23	2	7	39	28	4	Ramkrishna, Jibansathi, Radha Krishna, Sanchayini
13	Skills Training in Industrial Mat Weaving	Swami Jogananda SHG, Brajanagar, Uttar Majlishpur GP, Jirania RD Block	10th to 14th December, 2011	5 days	40	8	0	32	0	0	40	13	7	Joy Maa Kali, Suhangmoni, Royal, Santoshi Maa, Bipadnashini, Loknath, Swami Jogananda
14	Skills Training in Industrial Mat Weaving	Radhamadhab SHG, Krishnanagar GP, Ranirbazar, Jirania R D Block	12th to 16th December, 2011	5 days	40	11	0	28	0	1	40	24	7	Radha Madhab, Loknath, Manasha Mangal, Sukanta, Maa Durga, Durga Nari Kalyan, Khudiram
15	Skills Training in Industrial Mat Weaving	CFC Dudhpatil, Mohanpur, Jirania RD Block, West Tripura	16th to 20th December, 2011	5 days	30	3	0	20	0	27	30	20	6	Jai Maa, Jadu Tila, Pritilata, Bankim Nagar, Sanchayini, Aparupa
16	Skills Training in Industrial Mat Weaving	CFC Kaladhepa, Uttar Kaladhepa ADC Village, Satchand RD Block, South Tripura	16th to 21st December, 2011	5 days	20	0	20	0	0	0	20	10	0	
17	Skills Training in Industrial Mat Weaving	Vatilama, West Tripura	17th to 20th December, 2011	4 Days	42	40	0	0	2	0	1	41	0	





# Tripura Bamboo Mission- Quarterly Progress Report (October-December, 2011)

18	Skills Training in Industrial Mat Weaving	Gopinagar, Bishalgarh	17th to 20th December, 2011	4 Days	35	35	0	0	0	0	2	33	0	
19	Skills Training in Industrial Mat Weaving	Bamboo Value Addition Centre, Harijoy Chowdhury Para,	24th to 28th December, 2011	5 days	30	0	0	29	0	1	24	14	4	Jagriti, Anuradha, Shri Krishna, Dayamoy
<b>Total</b>					<b>750</b>	<b>307</b>	<b>62</b>	<b>284</b>	<b>14</b>	<b>103</b>	<b>403</b>	<b>526</b>	<b>76</b>	



### 5. List of Programmes in Resource Generation sector

Training on Bamboo propagation and Cultivation supported by National Bamboo Mission, Government of India				
<i>Sl. No</i>	<i>Venue</i>	<i>Date</i>	<i>Duration</i>	<i>No of Participant</i>
1	Dhari Mat Community Production Center	19 <sup>th</sup> -20 <sup>th</sup> Nov,2011	2 days	128
<b>Total</b>				<b>128</b>

Training of Field Functionaries supported by National Bamboo Mission, Government of India				
<i>Sl. No</i>	<i>Venue</i>	<i>Date</i>	<i>Duration</i>	<i>No of Participant</i>
1	Panchyat Samiti Hall, Amarpur, South Tripura	24 <sup>th</sup> – 25 <sup>th</sup> October'11	2 days	95
<b>Total</b>				<b>95</b>

Training cum Exposure visit of Farmers outside of state supported by National Bamboo Mission, Government of India					
<i>Sl. No.</i>	<i>Date of visit</i>	<i>Programme name</i>	<i>Duration</i>	<i>No. of Participants</i>	<i>Location</i>
1	23 <sup>rd</sup> -26 <sup>th</sup> October, 2011	Bamboo cultivation & value addition	3 days	31	Shillong, Meghalaya







# Tripura Bamboo Mission- Quarterly Progress Report (October-December, 2011)

2	30 <sup>th</sup> Oct-2 <sup>nd</sup> November'11	Bamboo Cultivation & Management of natural resources	4 days	30	Nagaon Division, Assam
3	31 <sup>st</sup> Oct-2 <sup>nd</sup> November'11	Bamboo Cultivation & Management of natural resources	3 days	33	Cachar Division, Assam
4	7 <sup>th</sup> -9 <sup>th</sup> November'11	Bamboo resource development & utilization	3 days	31	Mamit, Mizoram
5	9 <sup>th</sup> -12 <sup>th</sup> November'11	Bamboo cultivation & value addition	4 days	33	Lengpui, Mizoram
6	14 <sup>th</sup> -16 <sup>th</sup> November'11	Bamboo cultivation & value addition	3 days	32	Shillong, Meghalaya
<b>Total</b>				<b>190</b>	

