

## **Achievements of 2018-19, 2019-20, 2020-21 (Till December, 2020)**

### **Science Promotion**

#### **Year 2018-19**

##### **1. Workshop on Bamboo and Bamboo Based Composites for Engineering Applications**

Tripura State Council for Science & Technology organised one day workshop on 'Bamboo and Bamboo Based Composites for Engineering Applications' in collaboration with CSIR-Advanced Materials and Processes Research Institute, Bhopal on January 24, 2019 at Conference Hall, SahidBhagat Singh Young Hostel, Agartala. The main objective of the workshop was to make aware about the different applications of bamboo composites and the manufacturing process of bamboo wood among the participants. In total 60 participants attended the workshop including Entrepreneurs & Industrial Partners in general, related with Bamboo industry in particular. Officials of Forest Department, Industries Department associated with Bamboo Sector and also from Bamboo Mission were also present.

#### **Year 2019-20**

##### **2. Women Technology Park**

To empower the rural women through various technology based livelihood opportunities, a project has been undertaken with the sponsorship of DST, GOI under Women Technology Park scheme. Under this project 4 (four) technologies are being institutionalized as follows –

- i. Rapid Biocomposting Technology
- ii. Bioplate and leaf cup making technology
- iii. Mixer grain puffing-cum-roasting technology
- iv. Mechanized dhenki technology

Following activities were undertaken :

- i. A Local Programme Advisory Committee has been formed for proper monitoring and smooth implementation of the project.
- ii. Location for establishment of 4 (four) Common Facilitation Centre has been identified as follows-
  - a. ChesrimaiPanchyet, Charilam Block, Charilam, Shipahijala District
  - b. Killa RD Block, Gomati District.
- iii. Recruitment of Manpower initiated.
- iv. Beneficiaries has been selected.
- v. Procurement of equipments/machineries initiated..

### **3. Patent Information Centre (PIC)**

Total Five (5) Workshops on Intellectual Property Rights organized by Patent Information Centre of TSCST. These are as follows –

- i. At Tripura Govt. Law College on January 16, 2020, and more than 100 students & faculty members participated.
- ii. At Tripura University on January 17, 2020 and more than 150 students, research scholars & faculties participated. Dr.Abhijit Das, Assistant Controller, Patent Office Kolkata was present as Resource Person in both the above workshops.
- iii. IPR Workshop at College of Veterinary Sciences & Animal Husbandry on February 25, 2020 and around 80 students & faculties participated.
- iv. IPR Workshop At M B B University on February 26, 2020. Around 100 students, research scholars and faculties participated. Dr.RohitRathore, Assistant Controller, Patent Office Kolkata was present as Resource Person in both the above workshops.

### **3. Scientific Standardization of Tripura Water Filter Candle and FREE distribution of 5000 Water Filters**

This project has been sanctioned by DST, Govt. of India in 2019-20 and sanctioned Project Cost is Rs.98.50 Lakh only. This project is targeted for revival of indigenous technology of Tripura Water Filter Candle and Expected Outcome will be as follows –

- a. Distribution of 5000 number of Filters
- b. Up-gradation of Existing Filter Manufacturing Units of the State
- c. Development of Skilled Manpower Employment Generation

Site for the project has been selected at Charilam, Sipahijala district. Manpower has already been recruited for the project.

## **Year 2020-21**

### **4. Women Entrepreneurship Development Programme**

Under the sponsorship of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology, Government of India a project on 'Women Entrepreneurship Development Programme' has been undertaken.

The objective of the programme is to develop women entrepreneurship by imparting training among the women S&T graduates and diploma holders in the essentials for conceiving, planning, initiating and launching an economic activity or an enterprise successfully.