

## Capacity Building and Training Activities in Science & Technology:

This programme aims to provide training to the members belonging to the SC category in various activities pertaining to science and technology and is dedicated to building capacity in them for their empowerment. The HP Council for Science, Technology & Environment has been providing training in various activities since 2014-15. Earlier the interventions were meant only for the SC category candidates. In 2015-16, funds were also provided to hold similar activities for other candidates as well and in 2016-17 too, training programs were carried out for all sections of the society.

The broad areas in which trainings have been provided till now include the following:

- Business Process Outsourcing (BPO)
- Mobile phone repair
- Bed Side Patient Attendant training
- Training program on School Bags/ Fancy Bags/ Traveller Bags Making
- Utility Handicraft/ Jewellery from forest produce/ waste material available locally/ Pine needles
- Bamboo craft training
- Button Mushroom Cultivation
- Training, demonstration and Installation of Solar Water Heating System

A total of **605** youth belonging to SC/ST as well as General Categories have been trained through **16** training programs held throughout the State.

### Programs conducted in 2014-15

#### 1. **Business Process Outsourcing (BPO) Training:**

25 candidates were selected for this program from various areas of Mashobra Block viz Dhalli, Mashobra, Gumma, Mulkoti, Tutu, Kufri, etc. The training course was held at the HPSCTF Training Hall, Mashobra for duration of one month. The training course included rigorous theoretical lectures as well as practical classes for the trainees. After completion of one month training, M/S Competent Synergies Pvt. Ltd., C-157, Sec-67, Industrial Area, SAS Nagar, Mohali, Punjab conducted campus interview and selected 21 trainees for employment in their organization. Out of a total of 25 participants trained, **21 were placed** which is **84%** of the total persons trained.



Inaugural Function of BPO training at Mashobra



Training Program in Progress

## **2. Mobile Phone Repair Training:**

The training project on **Mobile Phone Repairing** trade was for duration of one month for SC Category youth in Dharampur Block of Solan District. 25 candidates from various areas of Dharampur Block viz Dharmpur, Kumharhatti, Gulhari, Garkhal, Kasauli, Rouri, Bathol, Kanda, Bholi etc. were selected for this program. The Skill Development Training programme was held at HIM Educational Institute, Dharampur.



Inaugural function of Mobile Phone Repair at Dharampur



Training Program in Progress

## **Programs conducted in 2015-16**

### **1. Bed Side Patient Attendant (BSPA) Training:**

An *orientation workshop* for mobilization of beneficiaries was organized at Block Office Jhandutta, on 4<sup>th</sup> August, 2015 in which 55 people participated where they were made aware of different schemes of the Government for self/ wage employment, financial assistance etc. The road shows for awareness were conducted in 48 Panchayats of Block Jhandutta, District Bilaspur. The areas were Amarpur, Jhandutta, Samoh, Bharti, Rohal, Badol, Gharan, Behna Jatta, Behna Brahmna etc. The Skill Development Training Programme for assured employment on Bed Side Patient Attendant was held from 17<sup>th</sup> August, 2015, where 25 beneficiaries belonging to Scheduled Caste Category were selected.



Inaugural of BSPA program



Trainees at hospital



Trainees at hospital

## **2. Skill Development Training Programme on Bag Making:**

The Skill Development Training Programme for wage/ self employment on School Bag/ Fancy Carry Bags/ Traveller Bags making was organized from 25<sup>th</sup> August to 24<sup>th</sup> September, 2015 where 33 beneficiaries were selected. Training was provided on making domestic products and processes of manufacturing more than 22 types of products were discussed during the course of training i.e. school bag, college bag, side bags, office bag different types of laptop bags and travel bags, short kits bags etc.

**Pictures of training program**

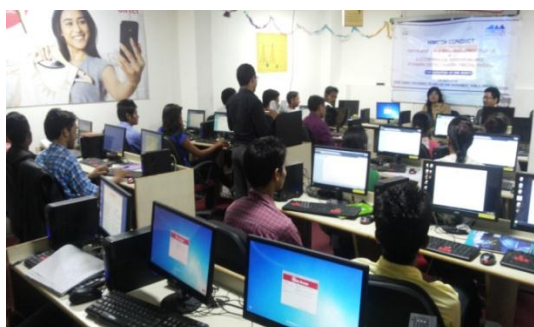


**Pictures of training program**



## **3. Business Process Outsourcing (BPO) Training:**

The one month training programme on Business Process Outsourcing (BPO) commenced on 09-10-2015. The selection committee finally selected 25 beneficiaries to participate. All the 25 candidates were offered placement by IITM Pvt. Ltd. Kangra so that the trainees could earn their livelihood.





## **Programs conducted in 2016-17**

### **1. Skill Development training programme on Utility Handicraft/ Jewellery items from Forest Produce/ Waste Material at Charri, District Kangra:**

A Skill Development training programme on Utility Handicraft/ Jewellery items from Forest Produce/ Waste Material at held at Charri, Block Rait, District Kangra, Himachal Pradesh from 02-11-2016 to 06-12-2016. The beneficiaries were identified by Gram Panchayat Pradhan, Cherri in consultation with the Panchayati Raj Institutions of the area, especially from selected Panchayat of the area in Rait block at Charri. Final interview was conducted by the selection committee on 02-11-2016 and the one month programme commenced on same day at Charri. The selection committee selected 57 beneficiaries to participate in the skill development training programme on Utility Handicrafts/ Jewellery from Forest Produce/ Waste Material.

During First phase basic Motivation and Entrepreneurship traits and qualities were discussed. Special emphasis on motivation was given. Basic knowledge about materials required and its availability was also discussed. During second phase theory of Utility Handicraft/Jewellery from Forest Produce/Waste Material for domestic products and processes of manufacturing of more than 20 products were discussed. During this phase special emphasis was given on safety, quality control measures and do's as well as don'ts to ensure production of Quality products.



### **2. Skill Development training programme on Utility Handicraft/ Jewellery items from Forest Produce/ Waste Material at Dhar ki Bed, District Solan:**

A Skill Development training programme on Utility Handicraft/Jewellery from Forest Produce/Waste Material was organized at Dhar ki Bed, Block Dharmpur, District Solan (Himachal Pradesh) from 26-12-2016 to 31-01-2017. The beneficiaries were identified by Gram Panchayat Pradhan, Dhar ki Bed in consultation with the Panchayati Raj Institutions of the area, especially from selected Panchayat of the area in Dharmpur Block at Dhar ki Bed. Final interview was conducted by a selection committee on 26-12-2016 and the one month programme was commenced the same day at Dhar ki Bed. The selection committee selected 56 beneficiaries to participate in the skill development training programme on Utility Handicraft/Jewellery from Forest Produce/Waste Material.



### **3. Skill Development training programme on Bamboo Craft at Nerti, District Kangra:**

Skill Development training programme on Bamboo Craft (Utility Handicraft/Jewellery from Forest Produce/Waste Material) was held at Nerti, Block Rait, District Kangra (Himachal Pradesh) from 02-11-2016 to 06-12-2016. The beneficiaries were identified from selected Panchayat of the area in Rait block at Nerti. Final interview was conducted by a selection committee on 02-11-2016 and programme was commenced the same day at Nerti. The selection committee selected 64 beneficiaries to participate in the skill development training programme on Bamboo Craft.

During the Bamboo Craft training, domestic products and processes of manufacturing of more than 30 types of products were discussed.



### **4. Skill Development training programme on Bamboo Craft at Balera, District Solan:**

Skill Development training programme on Bamboo Craft was held at Balera, Block Kunihar, District Solan (Himachal Pradesh) from 26-12-2016 to 30-01-2017. The beneficiaries were identified from selected Panchayat of the area in Kunihar block at Balera. Final interview was conducted by a selection committee on 26-12-2016 and programme was commenced the same day at Balera. The selection committee selected 51 beneficiaries to participate in the skill development training programme on Bamboo Craft.





## **5. Skill development training, demonstration and installation of Solar Water Heating System at Nathpa, Block Nichar, district Kinnaur**

Clean and eco friendly energy sources have acquired a new focus amidst increasing concerns for sustainable environment. Harnessing solar energy is one such area. The HIMCOSTE adopted two hamlets in Kinnaur district comprising of 15 odd houses to train, demonstrate and install individual household water heating systems. The hamlets were selected in consultation with the Village Panchayats and were in areas where there is perennial requirement for Hot water.

One Skill Development training programme on Training, Demonstration and Installation of Solar Water Heating System at Nathpa, Block Nichar, District Kinnaur, Himachal Pradesh was conducted from 19-04-2017 to 20-04-2017.

### **The outcomes of the proposed interventions are as under:**

Training, Demonstration and Installation of Solar Water Heating System has enabled the participants to:

- a) Learn about the Solar Water heater technology
- b) Learn installation techniques
- c) Sensitized the participants about usages of Solar technologies

Besides 15 individual water heating systems were installed in Nathpa in consultation with the Panchayat.



#### **6. Skill development training, demonstration and installation of Solar Water Heating System at Nathpa, block Nichar, district Kinnaur:**

The second Skill Development training programme on Training, Demonstration and Installation of Solar Water Heating System was conducted at Sungra, Block Nichar, District Kinnaur, Himachal Pradesh on 19-04-2017. The selection committee selected 15 beneficiaries belonging to BPL Families of Sungra Panchyat to participate in the skill development training programme. 15 individual water heating systems were installed in Sungra in consultation with the Panchayat.



#### **7. Skill Development Trainings in Button Mushroom Cultivation :**

Over the past decade or so Mushroom has found increasing space in the dietary habits of people of India. The temperate zone of Himachal Pradesh is well suited for Mushroom cultivation with potential to improve the economic status of farmers. Being an indoor activity, women have also found it favorable to go into mushroom cultivation. Keeping in view the above facts, 4 training programmes emphasizing on the practical aspects of Mushroom cultivation were conducted by HIMCOSTE and provided handholding support to



trainees for one cultivation cycle (5 months). For a batch of 50 trainees, 10 groups were formed who were provided with material for cultivation of Mushrooms during one cycle.

**The details about the programmes are as under:**

S.No	Venue	Block	Trade	No. of Beneficiaries	Date of Commencement of the training
1.	Training Centre , Gheni	Basantpur	Button Mushroom Cultivation 1 day session followed by Handholding for 5 months	50	3-1-2017
2.	Training Centre , Chebdi	Basantpur	Button Mushroom Cultivation 1 day session followed by Handholding for 5 months	50	4-1-2017
3.	Training Centre , Mogara	Narkanda	Button Mushroom Cultivation 1 day session followed by Handholding for 5 months	50	5-1-2017
4.	Training Centre , Kanda	Narkanda	Button Mushroom Cultivation 1 day session followed by Handholding for 5 months	50	6-1-2017

**Some photographs of training programme:**





## **8. Business Process Outsourcing (BPO) Training:**

A three month's training programme on Business Process Outsourcing (BPO) was held in Sundarnagar, District Mandi. The Road Shows were conducted in the areas viz Kanaid, Jaidevi, SunderNagar, Rohanda, Chamukha, Seri Kothi, Ghiri, Dehar etc. at Sundernagar, in total 90 candidates were mobilized and initially 50 were selected for this program. The final interview conducted by a selection committee on 18-01-2017 and programme commenced on the same day at Sunder Nagar, District Mandi. 41 out of the 50 trainees were placed in various companies at Mohali.

