SKILL DEVELOPMENT ACTIVITIES

Skill development programme for village potters

A programme of skill development through training in terracotta pottery making was organised at the Institute during March 16-17, 2017. A batch of 29 village potters from Chaltabaria, 24-Parganas (N) was trained under the CSIR 800 scheme in the programme coordinated by the Refractory and Traditional Ceramics Division (RTCD) in association with ChaltabariaGramounnayanSanstha, a NGO. Hands-on training was imparted on raw material processing, slip casting, glazing, mould making, decoration, hand-made jewelleries, etc. Onsite training programme was also arranged at the Chaltabaria village.

Programme for popularising science among school children: ‘The State Camp of VVM’

The theme of the programme has been contextualized by the recent call given by our Hon’ble Prime Minister, Shri Narendra Modi, in his message during the CSIR Platinum Jubilee Celebrations, that council scientists must devote some efforts towards popularising and educating science among the school children in parallel to their research responsibilities. The state level camp of the VidyarthiVigyanManthan (VVM) at West Bengal was organised at the Institute on February 3, 2017, jointly by VigyanPrasar of Department of Science and Technology (DST), National Council of Educational Research and Training (NCERT), VijnanaBharati and CSIR-CGCRI. Mr Sitendu Mandal, Sr Principal Scientist, Glass Division took a very active role in organising the programme. Around 300 students from city schools attended the State Camp. They were given intensive training in the execution of hands-on experimental activities and situational problem solving and also shown educational videos on science subjects. Visits in different laboratories of the Institute were also arranged for the students during which the intricacies of the scientific experiment were explained to the students.

Skill Development Program for the Rural Artisans in making Terracotta Pottery
CGCRI Naroda centre caters to the need of ceramic industries in and around Gujarat. These needs include, undertaking R&D Projects to solve the technical problems, providing Testing & Analysis service to industries and imparting training for Human Resources Development. Under the skill development program of the GOI, 127 numbers of artisans from Rajasthan, Madhya Pradesh, Chhattisgarh, Gujarat and Orissa participated in five programs. Training manual was prepared in Gujarati, English and Hindi language. Comprehensive information on raw materials, production processes, importance of designing and mechanisms of reaching to market place were provided by way of classroom teaching. Hands on practical and demonstration for the production of popular terracotta articles, preparation of terracotta body for production by chak, slip casting or pressing technique, preparation of plaster of paris and rubber mold were provided to the participants. In addition to that, glaze formulation, glazing of terracotta wares, preparation and application of glossy clay based ceramic coating on terracotta wares, preparation of terracotta beads, pendants for the fabrication of terracotta jewelry, decoration by glossy coating, glaze, acrylic paint, oil paint etc. was also demonstrated to the artisans. Information on marketing of products and entrepreneurship related issues were also provided to them.

Skill Development Program for the Rural Artisans in making Ceramic Product

CGCRI Khurja centre is engaged in several activities for the upliftment and betterment of Khurja Ceramic Cluster. These activities include energy conservation, waste minimisation, training and demonstration etc. This centre has carried out 5 nos of training and demonstration activities under the skill development program of Govt. of India. The First Training Programme on Terracotta was organized in May 2016 at M/s Ramgarh Clay Pottery, Ramgarh. In this programme 40 candidates participated from Ramgarh city and nearby places. Theoretical Lectures and Industrial Training were arranged at M/s Ramgarh Clay Pottery, Ramgarh.
The Second Training Programme on Manufacturing of Tiles was organized in June 2016 at M/s Kajaria Ceramics Pvt. Ltd., Bhiwadi. In this programme 114 candidates participated. Theoretical Lectures as well as Industrial Training was organized at M/s Kajaria Ceramics Pvt. Ltd., Bhiwadi.

The Third Training Programme on Terracotta was organized in September 2016 and will continue till April 2017 at Abu Road. In this programme 64 candidates participated from Abu Road city and nearby places. Theoretical Lectures and Industrial Training was organized.

The Fourth Training Programme on Ceramic Raw Materials was organized in October at Bikaner. In this programme 39 candidates participated from Bikaner city and nearby places. Theoretical Lectures was organized at M/s Ace Cone Ceramic Pvt. Ltd. Bikaner and Industrial Training was organized at Kolayat Mine, Bikaner.

The Fifth Training Programme on Insulators was organized in November at M/s Bikaner Ceramic Pvt. Ltd. Bikaner. In this programme 80 candidates participated from Bikaner city and nearby places. Theoretical Lectures as well as Industrial Training was organized at M/s Bikaner Ceramic Pvt. Ltd. Bikaner