

Report on Cleaner Production Promotion in Household



Gujarat Cleaner Production Centre

ENVIS Centre on: Cleaner Production & Clean Technology

Supported by: Ministry of Environment, Forest & Climate Change, Government of India

About us

Gujarat Cleaner Production Centre (GCPC) was established in the year 1998 by the Department of Industries and Mines, Government of Gujarat with technical support of United Nations Industrial Development Organization (UNIDO), to solve environmental problems faced by the Industries in the state. The centre is a regular member of Resource Efficient & Cleaner Production Network (RECPnet) of UNIDO and Climate Technology Centre & Network (CTCN), a working arm of UNFCCC. The centre also acts as a subject-specific Environmental Information System (ENVIS) Centre on subject of 'Cleaner Production' (CP) & 'Clean Technology' (CT) for Ministry of Environment, Forest & Climate Change (MoEFCC), Government of India. The centre has played active role in framing Industrial Policy 2009 and 2015 for the state of Gujarat and developing many financial assistance schemes pertaining to Cleaner Production & Clean Technology. We have so far conducted more than 200 orientation programmes in industrial estates and academic institutions of the state and successfully completed more than 100 CP Demonstration Projects in various industrial sectors inclusive of Textile, Dairy, Pulp & Paper, Pharmaceutical, Ceramic, Glass, Electroplating, Fish Processing, Dyes and Dyes Intermediates, Chemicals, Petrochemicals etc. GCPC-ENVIS Centre strives to become a "Centre of Excellence" in the field of Cleaner Production & Clean Technologies. Gujarat Cleaner Production Centre has recently taken an initiative to promote Environmental Conservation and the concept of Cleaner Production and Clean Technologies in household, conducting seminars and promotion programmes on Cleaner Production in household inviting housewives and primary school teachers. This report summarizes the objectives and activities of the programme.

Prepared by

- **Dr. Bharat Jain**, Member Secretary, GCPC & Coordinator, ENVIS
- **Mr. P.R. Rathod**, Programme Officer, ENVIS
- **Ms. Priyanka Joshi**, Information Officer, ENVIS
- **Mr. Heer Desai**, Project Assistant, GCPC-ENVIS

Cleaner Production Promotion Programme in Household

Date:- 27th February, 2019

Venue:- Seminar Hall, GCPC-ENVIS Centre, Gandhinagar

GCPC-ENVIS Centre with objective to create awareness towards Cleaner Production, Clean Technologies, Waste Minimization, Pollution Prevention and Resource Conservation in household, regularly organizes Cleaner Production Promotion in Household.

GCPC-ENVIS Centre organized Cleaner Production Promotion Programme in household inviting more than 25 primary and secondary school teachers from Vidya Bharti Training Sankool, Gandhinagar on 27th February, 2019 at GCPC-ENVIS Centre, Gandhinagar.

The inaugural session started with 'Saraswati Vandana' by GCPC-ENVIS team members and the participants.



Dr. Bharat Jain, Member Secretary, GCPC & Coordinator, ENVIS briefed the Industrial Scenario of Gujarat including the effects of rapid industrialization to the environment and humans. He continued mentioning about the development 'Cleaner Production' concept by the United Nations Environment Programme (UNEP) focusing on prevention of pollution rather than its treatment at the end-of-pipe. He shared his experience of working in the field of Cleaner Production. He briefed that Cleaner Production play an important role in reducing industrial as well as household waste right at its source. It sees waste as a resource rather than the liability.

He also briefed about the inception and objectives of Environmental Information System (ENVIS) by the Ministry of Environment, Forest & Climate Change, Government of India including the activities and achievements of GCPC-ENVIS Centre.



The session continued with presentation on the need of water and energy in our day to day activities including the need for its conservation. Ms. Disha Bhavasar, Assistant Environment Engineer, GCPC briefed about the global water scarcity scenario giving simple examples of Dharavi, Mumbai and the incident took place at Wankhede Stadium, Mumbai. She also briefed about the steps need to be taken to reduce wastage of water including the options for its reuse and recycling in different household applications. She discussed about the scenario about the cost of receiving the portable water, which is very high showing numerical and graphical information. She also mentioned about the water recycling activitie from Israel.

She continued her presentation discussing about the scenario of energy scarcity and need for its conservation showcasing simple steps to save energy at home and workplace. She mentioned that this is the time to shift towrds renewable energy sources like solar, wind and tidal energy as the non-renewable energy sources are getting depleted. She mentioned various initiatives taken by Government of Gujarat for harnessing renewable energy in the state.

Ms. Priyanka Joshi, Information Officer, ENVIS stressed upon the Scenario of Food Waste and options for reducing food waste during day-to-day activities. She gave simple steps to reduce food waste including steps for food waste reuse, recycling and composting as a natural manure. She continued discussing about the Global Scenario of Electronic and Plastic Waste generation and health hazards associated with excessive usage of Electronic Appliances especially from mobile phones and precautions for the same.



The session continued with the discussion between participants and the presenters, wherein various questions were raised by the participants which was kindly answered by the presenters.

The seminar concluded with vote of thanks from Dr. Bharat Jain, Member Secretary, GCPC & Coordinator, ENVIS.

*Cleaner Production in your house will make your house resource
and energy efficient*



Block No. 11 & 12, 3rd Floor, Udyog Bhavan, Sector-11, Gandhinagar-382017, Gujarat, India
Tele-fax: + 91 79 23244147, Email: gpc-c-env@nic.in, gpc11@yahoo.com Website: www.gpcenvis.nic.in