

# Report on Seminar on Environment Conservation through Cleaner Production & Clean Technologies in Household

“A proactive step towards pollution prevention, waste minimization, resource and environmental conservation 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
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## Seminar on Environment Conservation through Cleaner Production & Clean Technologies in Household

**Date:** 29th May, 2017 **Venue:** Seminar Hall, GCPC-ENVIS Centre, Gandhinagar

To create awareness towards Cleaner Production, Clean Technologies, Waste Minimization, Pollution Prevention and Resource Conservation in household, Gujarat Cleaner Production Centre –ENVIS Centre organized a Seminar on Cleaner Production in Household on 29th May, 2017 at Seminar Hall, GCPC-ENVIS Centre, Gandhinagar.

The event witnessed participation of more than 25 primary and secondary school teachers and housewives from Vidya Bharti Training Sankool, Gandhinagar.

The inaugural session started with 'Saraswati Vandana' by GCPC-ENVIS team members and the participants. The session continued, welcoming the guest and the participants by Dr. Bharat Jain, Member Secretary, GCPC & Coordinator, ENVIS.





Speaking on the occasion Dr. Jain, explained the Industrial Scenario of Gujarat including its effects of rapid industrialization on the humans and the environment. He mentioned about the development of 'Cleaner Production' concept by the United Nations Environment Programme (UNEP) saying that 'so far many steps have been taken to 'control' pollution but it is the time to move towards 'preventive' approach i.e.,

Cleaner Production. He shared his experience working in the field of Cleaner Production giving simple examples. He continued saying that Cleaner Production plays an important role not only by reducing industrial waste but plays active role in reducing domestic waste as well. Dr. Jain graced the occasion saying that Cleaner Production is about positive mindsets and changing attitudes towards the waste. It sees waste as a resource rather than liability.



Shri P.R. Rathod, Programme Officer, ENVIS graced the occasion, explaining the role of 'Cleaner Production' for domestic waste minimization. He mentioned about the inception and objectives of Environmental Information System (ENVIS), by Ministry of Environment, Forest & Climate Change, Government of India including the activities and achievements of GCPC-ENVIS Centre. He also briefed about various state and central government schemes for renewable energy, waste-to-energy, solid waste management etc. He graced the occasion saying about the innovative concept developed by the Department of Forests and Environment, Government of Gujarat, the concept is all about sending an SMS to the department to plant a tree at your place free of cost, this concept was highly appreciated by the participants in the programme.



The sessions continued with presentation on importance of Water and the need for its conservation by Ms. Disha Bhavsar, Assistant Project Engineer, GCPC, she mentioned about the global scenario of water scarcity, giving 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 its reuse and recycling in various other household applications. She mentioned

the scenario about the cost of receiving the portable water, which is very high showing graphical information. She continued her presentation giving various examples on water recycling and initiatives taken by Israel.

Ms. Tarjani Jani, Assistant Project Engineer, GCPC stressed upon the Global Energy Scarcity and need for its conservation showing simple steps to save energy at your home and workplace. She said that now it is the time to shift towards renewable energy sources as the non-renewable sources are getting depleted, to overcome this issue one should move towards Solar, Wind and Tidal energy. She also briefed about the steps taken by the Government of Gujarat under the leadership of the then Hon'ble Chief Minister of Gujarat and current Prime Minister of India, Shri Narendra Modi in the field of renewable energy which includes examples of canal top project on solar power in Gujarat including the harnessing of Solar Energy at Charanka Village, Gujarat.



The session continued with presentation and a by showcasing documentary on Food Waste including its scenario at various programmes by Mr. Sumit Patel, Assistant Project Engineer, GCPC continued his presentation explaining simple steps to reduce food waste including various steps for food waste reuse, recycling and composting as a natural manure. He briefed various steps for organic waste



composting including its benefits. He continued his presentation elaborating about the Plastic and Electronic waste management including its reuse and recycling. He explained the Global Scenario of Electronic Waste including the health hazards associated with excessive usage of Electronic Appliances especially 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. Smt. Sarmishthaben Kuchara and Smt. Miraben, teachers from MLTC, Gandhinagar congratulated GCPC-ENVIS Centre for taking proactive steps towards environmental conservation.



The seminar concluded with vote of thanks to the participants by Dr. Bharat Jain, Member Secretary, GCPC & Coordinator, ENVIS. During his address he requested participants to move towards resource conservation in their routine life and also said them to raise awareness towards this to others. The participants appreciated the efforts and initiatives taken by the centre and requested to continue conducting such programmes in the future.

Cleaner Production in house will make your house  
clean, green & resource efficient”

