



# CLEANER PRODUCTION FOR BETTER ENVIRONMENT



CAPACITY BUILDING PROGRAMME FOR ACADEMICIANS AND STUDENTS ON ENVIRONMENT MANAGEMENT THROUGH CLEANER PRODUCTION AND CLEAN TECHNOLOGY



## **Gujarat Cleaner Production Centre – ENVIS CENTRE**

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## Introduction

Gujarat Cleaner Production Centre played an important role by providing single knowledge platform by connecting industrialists/ students/ researchers/ academicians/ technical experts and officials from Government Organizations for practical research in the field of Cleaner Production / Clean Technology and Environment.

The objective of Gujarat Cleaner production Centre is to connect students and industrialists to share their issues related to Cleaner Production which would motivate students to bring in new innovations and solutions for industries.

Gujarat Cleaner Production Centre submitted proposal for Capacity building of Academicians and students on Environmental Management through Cleaner Production and Cleaner Technology in January 2010 to Department of Forests and Environment, Government of Gujarat and same had been accepted.

### The main objectives of Capacity building training programme:

- Create awareness amongst academicians, researchers and practitioners from B.E., M.E. (Chemical & Environment) and M.Sc (Environmental Science) about new initiatives for pollution prevention.
- Create awareness on Multilateral Environmental Agreement (MEA)
- Practical training in industries for sound foundation to students to identify and give response to the challenges related to environmental and management issues that face management of private and public organizations.

### Workshop spanning five days covered the following topics :

Days	Activities
Day 1	<ul style="list-style-type: none"><li>• Inauguration</li><li>• Introduction to Environment and Pollution</li><li>• End-of-Pipe treatment</li><li>• Introduction to CP and MEA.</li></ul>
Day 2	<ul style="list-style-type: none"><li>• CP Tools</li><li>• CP Methodology</li><li>• CP/CT instruments</li><li>• Case Studies</li><li>• Preparation for Field Visit</li></ul>
Day 3 & 4	<ul style="list-style-type: none"><li>• Field Visit</li><li>• CP Assessment</li><li>• Preparation of Report</li></ul>
Day 5	<ul style="list-style-type: none"><li>• Presentation on Field visit in the presence of the Entrepreneur and discussion</li><li>• Certificate Distribution</li><li>• Closing Ceremony</li></ul>

### **GCPC Efforts Towards Below Activities:**

- ❖ Under this Gujarat Cleaner Production Centre has organized first 5-days non-residential training programme on Cleaner Production / Cleaner Technology at SVNIT, Surat from 16<sup>th</sup> to 20<sup>th</sup> August,2010. GCPC had contacted all engineering colleges having BE and ME in Chemical and Environmental engineering in South Gujarat region viz., GEC, SVNIT, Surat,Sarvajanik College of Engineering, M.S. University, Baroda.
- ❖ 5-days non-residential training programme on Cleaner Production/Cleaner technology at Naroda Industries Association Training Centre, Naroda GIDC, Ahmedabad from 7<sup>th</sup> to 11<sup>th</sup> February,2011 as a part of Capacity Building Project under Department of Forests and Environment, Government of Gujarat.

### **GCPC-ENVIS Efforts Towards Below Activity:**

- ❖ Capacity building Programme on Cleaner Production and Cleaner Technology, on 24<sup>th</sup> March'2014. Gujarat Cleaner Production Centre – ENVIS centre invited and received 94 abstracts from top Chemical and Environmental Engineering colleges of Gujarat. Best five abstracts, were selected by our panel of experts as per implementation potential and was awarded with Trophy and Certificate. GCPC – ENVIS compiled a book of received abstracts named “Integration of research to Industrial Application” and published with support of Department of Forests & Environment, Gujarat and Ministry of Forests and Environment, Government of India.



**Capacity Building Programme at Surat, Naroda, Ahmedabad**











