

STUDENTS CHAPTER
One Day Seminar on
Cleaner Production by
GCPC (Gujarat Cleaner Production Center)

15th July 2015

Organized by
Department of Chemical Engineering
And
Department of Bio Technology

V. V. P. Engineering College,
Virda Vajadi Kalawad Road, Rajkot 360005

About the Seminar

This one day seminar on “Cleaner Production” was jointly conducted on 15th of July 2015 by Chemical Engineering and Bio Technology departments of V.V.P. Engineering College, Rajkot. To make students aware about the cleaner production existing in the industrial world for reduction of the environmental related issues.

The main speaker of the program was Mr. Hiren Bhendwal (Sr. Project Engineer) and Mr. Sumeet Patel from GCPC. The Program was further proceeded under the management and guidance of Dr. Piyush Vanzara (HoD of Chemical Department) and Dr. Dharmesh Sur (HoD of Biotechnology) of V.V.P. Engineering College.

The objectives of the program:

"Gujarat Cleaner Production Center (GCPC) is an Environmental Information System (ENVIS) Centre working on Cleaner Production and Technology under “Chemicals, Wastes and Technology”. Cleaner Production means the continuous application of an integrated, preventative environmental strategy to processes, products and services to increase eco-efficiency and reduce risks to humans and the environment.

GCPC aims at promoting the application of CP and other environmental management practices across various industries and help them in its implementation. It does so through CP Orientation Programmes, Training programmes, CP Assessments and Dissemination Programmes.

Cleaner Technology may be thought of a subset of Cleaner Production activities with a focus on the actual manufacturing process itself and considers the integration of better production systems to minimize environmental harm and maximize production efficiency from many or all inputs.

So the main objective of the program was to make students aware about the cleaner production via this seminar.

Outline of the Seminar:

- ✓ Source reduction
- ✓ Good house keeping
- ✓ Process change
- ✓ Recycling
- ✓ On site reuse and recovery
- ✓ Creation of useful byproducts
- ✓ Raw material change
- ✓ Better process control
- ✓ Equipment modification
- ✓ Technology Change
- ✓ Product modification
- ✓ Case studies.

Glimpse of the Seminar:

