



## A REPORT OF ONE DAY NATIONAL SEMINAR ON “ENVIRONMENT”

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22<sup>nd</sup> March 2018

S. N. Patel Institute of Technology & Research Centre (Degree College) is a premier institution approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated with Gujarat Technological University (GTU), Ahmedabad, Gujarat imparting technical education offering degree engineering courses in Civil, Electrical, Mechanical, Chemical, Computer & EC.

The Chemical Engineering Department offers Undergraduate Program in Chemical Engineering. The Department consists of highly qualified young and dynamic faculty members. The Department is having state of art laboratory facilities (NABL accredited) comprising of equipment like indigenous Continuous (2-50 kg/hr) and batch (5 kg) Pyrolyser, Gas Chromatograph (GC), Atomic Absorption Spectrophotometer (AAS) and many more. The Department has established strong relations with industries (GPCB approved Schedule-I Environmental Auditor) to achieve academic excellence along with up-to-date training on current professional practices. The Department also offers consultancy services to the industries and industrial problem solving through industry-interaction. The Department has organized many training programs for professionals and for faculty members in area of core chemical engineering, environmental engineering and biofuels. The Department has won many prestigious National awards from various organizations like Ministry of Chemicals & Fertilizer, New Delhi & Indian Society for Technical Education (ISTE). The Department has acquired many R & D projects from Government of India such as Ministry of New & Renewable Energy (MNRE), New Delhi and Gujarat Energy Development Agency (GEDA), Gandhinagar.

**S. N. Patel Institute of Technology & Research Centre** in association with **Indian Institute of Chemical Engineers-Ankleshwar Regional Centre (IICHe-ARC)** has started IICHe student chapter, in September 2014 for the degree chemical engineering students. The IICHe student chapter helps the student to get technical knowledge and awareness among them regarding the new technologies and innovative in the field of chemical engineering. More than 150 students of chemical engineering department are the part of IICHe student chapter and 4 faculties are the life member.

IICHe-ARC has arranged a **National Seminar** on “**Chemical Industry: Window-view to Environment Management for Sustainable Growth**” at Hotel Regenta, Bhruvch. The topic was very relevant in the present context for the chemical industry and associated branches. 25 students of final year Chemical Engineering and Prof. Vishal Shah (Coordinator–IICHe) have participated wholeheartedly in this national seminar.

**Padma Bhushan (1987) and Padma Vibhushan (2011), Professor M. M. Sharma** (Doyen of Chemical Engineering) was the keynote speaker of the event. He had highlighted the ways to adopt cleaner processes for survival and growth of chemical industry in India and work towards conservation of the environment.



***Chemical Engineering Students with Prof. M. M. Sharma***

The major environment concerns of chemical industries had addressed during the seminar. **Mr. Anand Kumar** (Addl Director, CPCB), **Dr. A N Vaidya** (Depty Director, NEERI), **B R Naidu** (Western Zonal Office, CPCB), **Chirag Bhimani** (GPCB, Gandhinagar), **D M Thakkar** (GPCB, Gandhinagar), **Mr. Prasad Jakkaraju** (Corporate Green Head), **Mr. Rajesh Bhavsar** (MD, Utility Services Specialist), **Mr. Shyamal Dey** (Atul), **Mr. P N Gadhvi** (Lupin), **Mr. Parmeshwaran** (UPL) were the eminent speakers from the authority, industry and

academia. Various areas viz., Hazardous waste 2016 rules and byproduct classifications, Online effluent and emission monitoring - pitfalls to compliance, Environmental management tools for development of chemical industry, Vox Populi - changing the demonic image of chemical industry were touched.



***Prof. Vishal Shah with final year students of Chemical Engineering Department***

The whole session was highly effective, where all the speakers touched the various aspects of chemical industries and environment.