



**Distance**

- From Ahmedabad Sardar Vallabhbhai Patel International Airport to the Venue: 14 kms
- From Ahmedabad Central Railway Station to the Venue: 22 kms



**ORGANIZERS**




**PREVIOUS SPONSORS**



IN ASSOCIATION WITH

**Gujarat Chemical Association**



**ADTCE-2015**  
2nd National Symposium

**ADVANCES IN DESIGN AND TRENDS IN CHEMICAL ENGINEERING**

**11<sup>TH</sup> SEPTEMBER, 2015.**



**Department of Chemical Engineering,  
Pandit Deendayal Petroleum University,  
Raisan, Gandhinagar, Gujarat.**

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## Theme Address



General, to be delivered and strongly promote of  
the Environment, Energy,  
to be used in a better manner, at least  
to be used in a better manner, at least  
to be used in a better manner, at least

## ABOUT SYMPOSIUM

Gujarat – 'The Petro Capital' of India, serves as a host to a complete portfolio of chemical products including pharmaceuticals, dyes and intermediates and petrochemicals in the downstream. Additionally, the presence of technical institutes provides an excellent pool of knowledge and scope of new ideas for the chemical and allied industries. The 2nd National Symposium shall serve as a platform that brings out technical experts and academicians to share their knowledge and experience and in turn ignite the interests of upcoming engineers. Interactions with design experts and technologists will update us with the current developments in chemical industries.



## OBJECTIVES :

To endure with the industries across India for outsourcing PDPU and Chemical Engineering Department and improving the Industrial Relation of University.

Lecture series that emphasizes on recent advancement in different fields of chemical engineering.

To inculcate a better understanding about plant designing in students.

## PROPOSED THEMATIC DISCUSSIONS

- Process Equipment Design
- Modelling and Simulation in Process Industries
- Process Dynamics and Control in Industries
- Application of Nanotechnology in Chemical Engineering
- Advancement in Research and Development in Process Industries
- Pharmaceutical Engineering and Fertilizer Technology

# ABOUT PDPU

Pandit Deendayal Petroleum University (PDPU) is a research based university in the vibrant city of Gandhinagar, Gujarat, with campus spread over an area of 100 acres. Pandit Deendayal Petroleum University (PDPU) has been established by GERMI as a Private University through the State Act enacted on 4th April, 2007. The University offers programs to address the need for trained human resources in the domains of Science, Technology, Management and Humanities.



**SCHOOL OF TECHNOLOGY** NOT ONLY OFFERS UNDERGRADUATE AND POST GRADUATE COURSES IN THE FIELDS OF CIVIL, ELECTRICAL, MECHANICAL, INDUSTRIAL & CHEMICAL ENGINEERING, BUT ALSO OFFERS POST GRADUATION COURSES IN NUCLEAR ENERGY AND SOLAR ENERGY



**SCHOOL OF PETROLEUM MANAGEMENT** OFFERS M.B.A AND PHD, POST GRADUATE DIPLOMAS IN PETROLEUM MANAGEMENT FOR EXECUTIVES, AND MANAGEMENT DEVELOPMENT PROGRAMS FOCUSED ON ENERGY & INFRASTRUCTURE SECTOR.



**SCHOOL OF LIBERAL STUDIES** OFFERS A FOUR YEAR BACHELOR PROGRAM IN FIELD OF LIBERAL STUDIES, M.A. IN PUBLIC ADMINISTRATION/INTERNATIONAL RELATIONS/POLITICAL SCIENCE AS WELL AS THE PHD PROGRAMS.



**SCHOOL OF PETROLEUM TECHNOLOGY** OFFERS A DEGREE IN B.TECH M.TECH AND PHD IN PETROLEUM ENGINEERING.

# DEPARTMENT OF CHEMICAL ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING WAS ESTABLISHED IN 2011 WITH UNDERGRADUATE PROGRAMME IN CHEMICAL ENGINEERING. THE DEPARTMENT NOW HAS WELL ESTABLISHED COURSE STRUCTURE AND WELL DEVELOPED LABORATORIES FOR UNDERGRADUATE STUDENTS. COURSES ARE DESIGNED BY BOARD OF STUDIES IN SUCH A MANNER THAT PROVIDE STUDENTS TO THINK BEYOND THE CLASS ROOM TEACHING AND MAKE THEM ABLE TO SOLVE OPEN ENDED PROBLEMS OF REAL LIFE SITUATIONS. THE DEPARTMENT IS ALSO EVOLVING IN THE RECENT AREAS OF RESEARCH AND DEVELOPMENTS AND GENERATING FACILITIES FOR R&D.

THE DEPARTMENT HAS HIGHLY DEDICATED FACULTY MEMBERS WITH IMPRESSIVE TEACHING, INDUSTRIAL AND RESEARCH EXPERIENCE. FACULTY MEMBERS ALONG WITH RESEARCH SCHOLAR AND UNDERGRADUATE STUDENTS HAVE ENDEAVORED A TREND TO BUILD A STRONG ALLIANCE WITH THE ACADEMIA AS WELL AS INDUSTRY BY ORGANIZING DIFFERENT WORKSHOPS AND SEMINARS.

THE DEPARTMENT HAS ITS PRIVILEGE TO BE LOCATED IN GUJARAT, 'PETRO CAPITAL' AND CHEMICAL HUB OF THE COUNTRY. DEPARTMENT HAS COLLABORATION WITH DIFFERENT ESTABLISHMENT AND CHEMICAL INDUSTRIES OF THIS REGION, BRINGING FORTH UMPTEEN PROSPECTS ON BOTH, THE INDUSTRIAL AND ACADEMIC STRATA. THE STUDENTS ARE GETTING BENEFIT OF INTERACTING WITH THESE CHEMICAL COMPANIES AND GET CONNECTED THROUGH SUMMER INTERNSHIPS AND REGULAR PLANT VISITS TO INDUSTRIES.



# PREVIOUS EVENTS



PANDIT DEENDAYAL PETROLEUM UNIVERSITY  
AND  
GUJARAT CHEMICAL ASSOCIATION  
PRESENTS

icci 2014  
International  
Conference On  
Chemical  
Industry



## ICCI 2014

ICCI-2014 WAS ORGANIZED AS A PRE-VIBRANT GUJARAT SUMMIT IN ASSOCIATION WITH GUJARAT CHEMICAL ASSOCIATIONS (GCA), INDUSTRIAL EXTENSION BUREAU (iNDEXTb), AND GOVERNMENT OF GUJARAT. HELD ON 22-23 AUGUST, 2014, IT AIMED AT CHEMICAL INDUSTRY PROMOTION, COLLABORATION AND INNOVATIONS.

THE OBJECTIVE OF THE EVENT WAS TO FOSTER THE DEVELOPMENT OF CHEMICAL INDUSTRIES THROUGH THEIR COLLABORATION AND PROMOTION OF INVESTMENTS IN GUJARAT. IT HAD SESSIONS ON 'CHEMICAL INDUSTRIES AND POLICY PERSPECTIVE', 'CEO ROUNDTABLES ON CHEMICAL INDUSTRIES PROSPECTS AND CHALLENGES',

ICCI 2014 WITNESSED SOME ESTEEMED SPEAKERS OF HIGH STATURES SUCH AS MINISTERS, SECRETARIES FROM GOVERNMENT OF INDIA AND GOVERNMENT OF GUJARAT, ACADEMICIANS, EDUCATIONAL STRATEGISTS, CHIEF EXECUTIVE OFFICERS, MANAGING DIRECTORS FROM LEADING CHEMICAL COMPANIES AND HR HEADS AND TECHNICIANS FROM THE CHEMICAL INDUSTRIES. GUESTS LIKE SHRI INDRAJIT PAL (IAS, SECRETARY - CHEMICALS & PETROCHEMICALS), SHRI DJ PANDIAN (IAS), SHRI JAIMIN VASA (PRESIDENT - GCA), SHRI KAMAL DAYANI (IAS, INDUSTRIES COMMISSIONER, GOVERNMENT OF GUJARAT), SHRI P SWAROOP (IAS, MANAGING DIRECTOR- INDUSTRIAL EXTENSION BUREAU (iNDEXTb), DR SS BANDHOPADHYAY (PROFESSOR - IIT KHARAGPUR), MR ASHWANI PRASHARA (HEAD HR - RELIANCE INDUSTRIES LTD.), AND MANY OTHERS GRACED THE OCCASION WITH THEIR PRESENCE.

He has contributed in developing training modules and training materials for coal India Ltd. and Tata group of collieries. Carried out several world bank projects for coal India Ltd. He was the leader for implementation of technical education quality improvement program (teqip) at Nit-Silchar under a world bank project of MHRD, Govt. of India. Fellow of the institution of engineers (India), member of Indian society for training & development, Indian society for technical education and the mining, geological & metallurgical institution of India. He is the 1st training officer to receive 'CAREER AWARD' from university grants commission, New Delhi.



## ADTCE 2014

The department had organized a One - Day National Symposium on Advancements in Design and Trends in Chemical Engineering on 11th April 2014. Shree Ganpat Raj Chowdhary and Riddhi Siddhi Roquette were the chief guests for the day.

The event was also graced by the esteemed presence of Shree Jaimin Vasa, President Gujarat Chemical Association (GCA); Shree Samir Patel, Chairman & MD, Amos Enterprise Ltd; Shree RJ Shah, former CEO, Dahej SEZ, along with the senior management of PDPU. About 20 colleges and 35 industries with about 84 delegates took part in the event. The symposium witnessed PDPU and Gujarat Chemical Association (GCA) entering into a Memorandum of Understanding (MoU) demarcating their support in promoting innovation and advancement in the field of science and technology. The symposium proved to be a milestone in introducing and elevating the Chemical Engineering Department of PDPU, in front of the industrialists.



Prof. A. S. MOHARIR, Core faculty, Chemical Engineering Department, IIT Bombay delivered a lecture during one day seminar on "Piping and Pipeline Engineering: Fundamentals and Applications". The Seminar was attended by students, research scholar from chemical, mechanical, civil engineering department. The lecture was based on a practical view of piping engineering and its importance in industries. Discussion based on problems faced during plant design, piping layout, leakages etc were also discussed.



### Guest lecture by Prof. Krishna Kaushik (University of Houston, USA)

Recently, CED has organized a Guest lecture delivered by Prof. Krishna Kaushik (University of Houston, USA). He delivered talks on 'Modeling and Optimization in the Petroleum and Petrochemical Industry' and 'Computer-Aided Design in the Petroleum and Petrochemical Industry'. These topics are the prime importance to the industry, as they expects such expertise to be available with the engineers joining the organization.

# PREVIOUS SPEAKERS



## Shri Indrajit Pal, IAS

Secretary – Chemicals and Petrochemicals Govt. of India, New Delhi.  
Shri Indrajit Pal is a 1977 batch IAS officer of Andhra Pradesh cadre. He has served as Director in 'Health & Family Welfare Department', Joint Secretary for 'Industries Department' for Government of India. He holds M.Phil in Social Sciences and P.G. Diploma in organic chemistry. He has done training in Indonesia & Japan.

## Shri Jaimin Vasa

President, Gujarat Chemical Association  
President of Behrampura Industrial Association  
President of Gujarat Pharmaceutical Association  
Director of M/s. Vaishali Agencies Pvt Ltd., M/s. Vasa Wellness Pvt Ltd.,  
M/s. Vasa Food & Beverages Pvt Ltd

He has more than 30 years of experience in Manufacturing & Marketing of Fine Chemicals & Industrial Chemicals, Pharmaceutical Raw material and Intermediates.



## Shri R. J. Shah

CEO, Dahej SEZ Ltd. Gandhinagar.

He has over 40 years of Professional experience. He has worked at various positions which covers activities such as Production, Production Planning, Material Management, Industrial Engineering etc. He was associated in preparing industrial policies of 1990, 1995, 2000, 2003 & 2009.

## Mr Zarir N. Langrana

Chief Operating Officer, Tata Chemicals Ltd.

Mr Zarir N. Langrana BA, MBA, ICWA, serves as the Chief Operating Officer of Chemicals- India at TATA Chemicals Limited. Mr Langrana served as a Vice President of Strategy & Markets and General Manager of Strategy & Business Development at TATA Chemicals Limited.



## Shri Shailesh Patwari

President, Naroda Enviro Projects Ltd,  
Co-Chairman of Naroda Sankul GTU,  
Principle Coordinator, United Nations Development Program Global Environment Facility Project  
Member of Climate Change committee,  
Committee member of Confederation of India Industry

## Shri Samir Patel

Chairman and Managing Director, Amos Enterprise Limited

He was Senior Vice President of Gujarat Chamber Of Commerce and Industry in 2008-2010 and also holds various other prestigious positions.



## ORGANIZING COMMITTEE

Shri. Samir Patel  
Industrial Convener

Shri. Palak Seth  
PDPU Convener

Shri. Jaimin Vasa  
GCA Convener

Dr. Sukanta Dash  
Faculty Convener

Mr. Arpit Gagneja  
Student Convener

Mr. Rishabh Joshi  
Student Convener

## ADVISORY COMMITTEE

Dr. H.B. Raghavendra  
Director General, PDPU

Dr. Pravin Kodgire  
HOD, Chemical Engineering Dept.

Shri. Shailesh Patwari  
President,  
Naroda Enviro. Projects Limited

Shri. Paresh Dave  
Vice President, Corporate Affairs,  
Reliance Industry Limited

