

Expert talk under R & D Talk Series

Organized by

Shree Dhansukhlal Thakordas (Colourtex Group)

Department of Chemical Engineering

In association with IIC and IChE Student Chapter, SCET

Date: 22.08.2024

 SARVAJANIK UNIVERSITY
INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

SARVAJANIK EDUCATION SOCIETY
Sarvajani College of Engineering & Technology
(A Constitutional institute of Sarvajani University)
Shree Dhansukhlal Thakordas (Colourtex Group)
Department of Chemical Engineering
In Association with
Institution Innovation Council (IIC)
Indian Institute of Chemical Engineers (IChE)




EXPERT TALK

**VALUABLE POINTERS TO
MAKE A CAREER
AS A CHEMICAL ENGINEER**

VENUE: NJ SEMINAR HALL
DATE: 22 AUG, 2024
TIME: 10:00 AM TO 12:00 PM


MR. VINAY BRAHMBHATT
PROD. MANAGER PFY/PET PLANT.
RELIANCE, HAZIRA

STUDENT CO-ORDINATOR SAPARIYA MITESH KAYASTHA ARYANKUMAR	FACULTY CO-ORDINATOR PROF. RASHMITA PATEL ASST. PROF. CHEMICAL ENGG.	HEAD OF DEPARTMENT PROF. SRUJAL RANA
DEAN R & D PROF. (DR.) UTPAL PANDYA	PRINCIPAL PROF. (DR.) HIREN PATEL	

Objectives of the talk: A successful chemical engineer should possess a combination of technical skills, analytical abilities, and interpersonal qualities. These qualities help chemical engineers to thrive in their roles and contribute effectively to their organizations and society. The objective of the R & D talk was to acquire the knowledge from the experience and expertise of the speaker and get the guidance to make the successful career in the field of Chemical Engineering.

Resource Person:	Mr. Vinal Brahmbhatt, Prod. Manager, PFY/PET Plant, Reliance, Hazira
Venue:	N J Seminar Hall, SCET
Date and Time:	22/08/2024, 10:00am-12:00pm
Participants:	100
Student Coordinators:	Aryan Patel and Mitesh Sapariya
Faculty Coordinator:	Prof. Rashmita Patel, Asst Professor & IICChE Student Chapter Coordinator Chemical Engg Department.

Brief Introduction of the Speaker:

Educational Background:

- Diploma in Chemical Engineering (1992) from DDIT, Nadiad
- BE Equivalent in Chemical Engineering (2009) from SVNIT

Experience:

- Over 30 years of experience in the chemical and petrochemical industry
- Expertise in Polymer, Polyester, and Dyes Intermediates Production
- Progressive career from Plant Operator to Production Manager and Site Shift Manager

Diverse Roles and Responsibilities:

- Petrochemical Processes: In-depth knowledge of polymer, polyester production

Career Progression:

- Plant Operator: Hands-on experience with daily operations and equipment management FROM FIELD OPERATION AND FROM CONTROL ROOM.
- Shift In-charge: Supervised teams, ensuring smooth and safe plant operations
- Site Shift Manager: Managed all site activities, ensuring compliance with safety and operational standards
- Production Manager: Led the entire production process, focusing on efficiency and safety

Key Achievements:

- Commissioned over 10 plants from scratch, leading them to full operational status
- Safely executed 25+ plant shutdowns and start-ups, with zero incidents
- Awarded for over 100 ideas that contributed to productivity enhancement, energy savings, cost reduction, and safety improvements

Overview of the Session:

The session was started with the floral greeting of expert by the Head of Chemical Engineering Department, Prof. Srujal Rana. After that Mr. Vinay Brahmabhatt have started the session with India's Global Position in Chemical industrial sector. He had briefly explained the various segments of Chemical industry and the scope of chemical engineers in those segments. Sir had also explained the future trends in chemical engineering. Moreover, the emerging technologies such as Nanotechnology, Biofuels and Biorefineries, Biomedical Engineering and Green Technologies were also discussed during the session.

Mr. Brahmabhatt had emphasis on the lifelong learning, adopting methodologies and to pursue professional development. Essential Qualities for Success in Chemical Engineering such as problem-solving and analytical skills, planning and decision-making abilities, strong interpersonal and communication skills and leadership qualities and time management were discussed during the session. From the vast experience in the field of petroleum industry the expert had drawn the special attention on the importance safety in chemical industries. Mr. Vinay Brahmabhatt had also made the session more interactive by taking the queries from the students. All the faculty members had also attended the session to encourage the students.

Glimpses of the Event:



➤ Acknowledgements

The Chemical Engineering Department, SCET would like to acknowledge,

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- Prof. (Dr.) Hiren Patel, Principal, SCET
- Prof. (Dr.) Utpal Pandya, Dean R&D
- Prof. Srujal Rana, Head, Chemical Engineering Department
- Teaching and Non-teaching staff of Chemical Engineering Department
- Student coordinators and participants
- One and all for their direct or indirect support

Compiled by: Prof. Rashmita Patel, Assistant Professor, Chemical Engg. Dept.