

## **EXPERT TALK**

### **Introduction**

Expert talks are organized in the Petrochemical Engineering Department to provide students with exposure to current industrial practices, emerging technologies, and research developments in the petrochemical and petroleum industries. These sessions bridge the gap between academic learning and industrial applications.



### **Objectives**

The objectives of conducting expert talks are:

- To provide insights into petroleum refining and petrochemical industries
- To expose students to recent technological advancements in petrochemical processes
- To enhance students' understanding of industrial safety, process optimization, and sustainability
- To motivate students toward research, innovation, and higher studies in petrochemical engineering

### **Scope**

This activity is applicable to:

- Undergraduate students of Petrochemical Engineering
- Faculty members and research scholars
- Topics related to petroleum refining, polymer technology, catalysis, reaction engineering, and process design

### **Responsibilities**

#### **Head of the Department (HoD)**

- Approves and monitors the expert talk program.

### **Faculty Coordinator**

- Identifies suitable experts from petroleum industries, petrochemical companies, or research institutions
- Organizes the schedule and coordinates the session.

### **Resource Person (Expert)**

- Delivers a lecture on industrial processes, technological developments, or research topics in petrochemical engineering.

### **Students**

- Attend the session actively and participate in discussions.

### **Procedure**

1. Identify relevant topics related to petrochemical engineering and industrial applications.
2. Invite an expert from industry, academia, or research organizations.
3. Schedule the expert talk and inform students and faculty members.
4. Conduct the session with presentation and interaction with students.
5. Encourage students to ask questions and discuss industrial challenges.
6. Collect feedback from participants for improvement.

### **Outcome**

Expert talks help students gain:

- Knowledge of real-time industrial practices
- Understanding of modern petrochemical technologies
- Exposure to career opportunities in petroleum and petrochemical industries