



# INDIAN OIL CORPORATION LIMITED GUJARAT REFINERY



in coordination with

## CENTRE FOR HIGH TECHNOLOGY

is conducting

## ACTIVITY COMMITTEE MEET

on



**“ACCELERATING INDIGENIZATION EFFORTS  
IN THE REFINING & PETROCHEMICAL  
SECTOR - TOWARDS ATMANIRBHAR  
BHARAT”**

**DATE : 7<sup>TH</sup> & 8<sup>TH</sup> AUGUST**

**VENUE : SAYAJI HOTEL, VADODARA**





## INDIAN OIL CORPORATION LIMITED - GUJARAT REFINERY



Gujarat Refinery is one of the leading refineries of IndianOil catering predominantly to the high demand region of Western India. IndianOil Group owns and operates 11 of India's 23 refineries, with a combined refining capacity of 80.75 million metric tonnes per annum (MMTPA).

Construction of the refinery started in 1963, and the first Crude processing unit was commissioned in Oct 1965. The Refinery was built with Russian collaboration and was dedicated to nation on 18<sup>th</sup> October 1966. Gujarat Refinery charted a phenomenal growth trajectory beginning with 2 MMTPA refining capacity to achieving the current crude processing capacity of 13.7 MMTPA through various modernization & expansion projects. Today, Gujarat Refinery is the Mother Industry of Vadodara and is catering to the increasing energy demand due to the fast-paced development and economic prosperity of the vibrant state of Gujarat. The Refinery has been playing a catalytic role in encouraging over 200 small and big industries over the course of five decades.

### Gujarat Refinery: Pioneer in Harnessing Frontier Technologies

One of the most complex refineries in India, Gujarat Refinery having about 40 operating units, has always been a pioneer in adopting new and latest technologies, which includes many firsts in the Indian Refinery sector:

- First Riser Fluidized Catalytic Cracking Unit (FCCU) commissioned in 1982.
- First Hydrocracker for maximizing diesel commissioned in 1993.
- First Diesel Hydro Desulphurization Unit (DHDS) for Sulphur reduction in Diesel set up in 1999 to meet BS-II quality of HSD.
- First petrochemical plant of IndianOil. Set up in 2004, the biggest single chain unit in Asia, the Linear Alkyl Benzene (LAB) Plant marked IndianOil's big-ticket entry into the Petrochemicals field.

### Upcoming Projects:

- Gujarat Refinery expansion (LUPECH) from 13.7 to 18.0 MMTPA along with integration with LOBS and Petrochemicals is in progress and proposed to be commissioned in FY 2025-26.
- The Gujarat Refinery Oxo Alcohol project is under progress with a Butyl Acrylate production capacity of 150 KTPA and it is expected to be commissioned soon
- The Project is intended to address the demand for value-added Butyl Acrylate (BA), a key ingredient for paints, coatings, adhesives, textiles chemicals, etc. thereby reducing import dependence on BA and generating foreign exchange savings. New BA plant, Acrylic Acid unit, and associated facilities are planned in Dumad area.

**Major products:** Liquefied Petroleum Gas (LPG), Naphtha, Motor Spirit (MS), Ethanol Blended Motor Spirit (EBMS) , Aviation Turbine Fuel (ATF), Superior Kerosene (SKO), Low sulphur Low Aromatic Kerosene (LSLA), Pre-fractionator Re-run Column Bottom (PFRCB), High Speed Diesel (HSD), Light Diesel Oil (LDO), High Viscosity Fuel Oil (HVFO), Sulphur, Bitumen, Raw Petroleum Coke (RPC).

**Specialty Products:** Polymer Grade Hexane (PGH), Methyl Tert Butyl Ether (MTBE), XP-100, Storm (Premium Race fuel), Linear Alkyl Benzene (LAB), Heavy Alkyl Benzene (HAB), MARPOL Fuel Oil, High Flash High Speed Diesel (HFHSD), Aviation Gasoline (AVGAS (100LL), N-butanol , I-butanol.





## CENTRE FOR HIGH TECHNOLOGY (CHT)

Centre for High Technology (CHT) was established as a dedicated technology cell of the Ministry of Petroleum & Natural Gas (MOP&NG) in 1987 to assess future requirements, acquire, develop, and adopt technologies in the fields of refinery processes, petroleum products, work relating to modernization of technologies, etc. CHT was registered as a Society, under the Societies Registration Act of 1860, on 09-03-1992. CHT is headed by an Executive Director (ED) and functions under the overall guidance and supervision of the Governing Council (GC) with the Secretary, Petroleum & Natural Gas, Government of India as its Chairman. There is also an executive committee to carry out the directions of the Governing Council and implement the plans and programs of CHT.

## ABOUT THE MEET

Refineries and petrochemical complexes are vital pillars of the nation's energy and manufacturing landscape. As India advances towards Atmanirbhar Bharat, accelerating indigenization across these sectors has become a strategic imperative. Achieving self-reliance in critical materials, equipment, technologies, and services is essential not only for enhancing energy security but also for driving sustainable economic growth and reducing dependency on imports.

This meet is dedicated to fostering in-depth discussions on **Accelerating Indigenization Efforts in the Refining & Petrochemical Sector**. The deliberations will encompass strategies for promoting domestic manufacturing, nurturing local vendor ecosystems, facilitating technology transfer, and overcoming challenges related to sourcing, standardization, and quality assurance. The event will also focus on sharing success stories, best practices, and policy insights that can catalyze collaborative efforts across industry stakeholders.

By bringing together procurement leaders, materials management professionals, policymakers, and technology providers on a common platform, the meet aims to enable actionable dialogue on driving indigenization across the entire value chain—from design and engineering to procurement and operations.

This gathering offers a valuable opportunity to strengthen professional networks within the oil, gas, and petrochemical sectors and to collectively chart a roadmap for building resilient, self-reliant supply chains. Dignitaries and eminent speakers representing public sector enterprises, private companies, and industry associations will share their perspectives and experiences to inspire meaningful progress towards the vision of **Atmanirbhar Bharat**.



# VENUE: SAYAJI HOTEL, VADODARA

Parsi Agyari, Sarod, Sayajiganj, Vadodara, Gujarat 390005

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## PROGRAM SCHEDULE

Meet will start with  
Registration followed by  
Inaugural session and  
Presentations

7<sup>TH</sup> AUGUST

Day will start with  
Presentations followed by  
Panel Discussion

8<sup>TH</sup> AUGUST

Visit to Statue of Unity  
(Complete day visit)

9<sup>TH</sup> AUGUST



*How to reach Vadodara.*

Vadodara International Airport



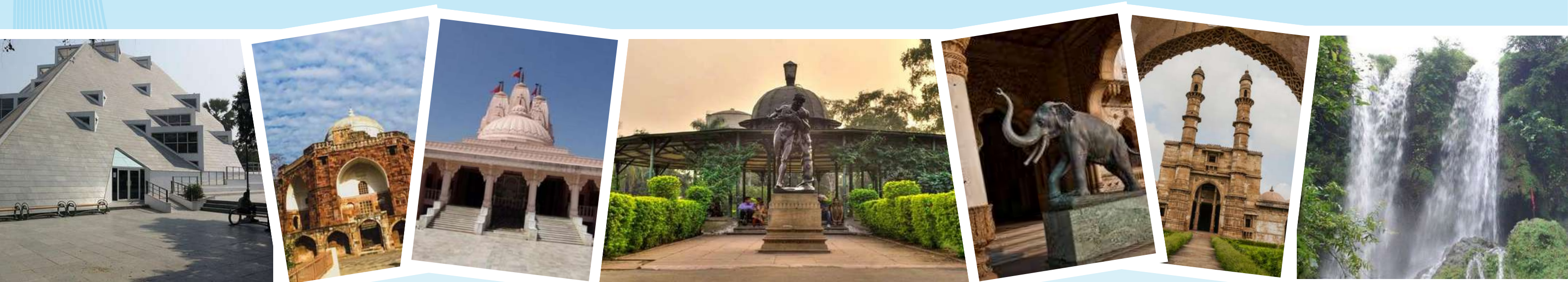
6.6 KM FROM THE VENUE



Vadodara Railway Station



1.0 KM FROM THE VENUE





## GET IN TOUCH

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## ABOUT VADODARA, GUJARAT

Vadodara, also known as Baroda, is a dynamic industrial and historical city in Gujarat, located on the banks of the Vishwamitri River. Approximately 111 km from Ahmedabad and 400 km from Mumbai, it serves as a major hub for petrochemicals, engineering, pharmaceuticals, and commerce.

The city has a rich heritage shaped by the Chalukyas, Mughals, and the Gaekwad dynasty. Under Maharaja Sayajirao Gaekwad III, Vadodara flourished as a center of art, architecture, and modern infrastructure.

Vadodara is renowned for iconic landmarks such as the magnificent Laxmi Vilas Palace, India's largest private residence, and the Maharaja Fateh Singh Museum showcasing rare European and Indian art. Visitors can explore Sayaji Baug with its zoo and planetarium, the striking EME Temple, Kirti Mandir, and the nearby UNESCO World Heritage Site Champaner-Pavagadh Archaeological Park.

The city enjoys excellent connectivity by road, rail, and air, with Vadodara Airport linking it to major metros. A blend of heritage charm and industrial progress, Vadodara offers a unique experience through its grand architecture, bustling markets, and vibrant lifestyle, making it one of Gujarat's most attractive destinations.

