



Centre For High Technology
Ministry of Petroleum & Natural Gas
Government of India



Event Brochure

28th

Energy Technology Meet

ENERGISING VIKSIT BHARAT THROUGH
SUSTAINABLE REFINING

28-30th October - 2025

VENUE: HYDERABAD INTERNATIONAL CONVENTION CENTRE (HICC),
HYDERABAD, INDIA



पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय
MINISTRY OF PETROLEUM AND NATURAL GAS
Government of India

INTRODUCTION

Centre for High Technology (CHT), under the aegis of Ministry of Petroleum & Natural Gas (MoP&NG), Government of India, in association with various Oil Companies in India, organizes Energy Technology Meet (ETM) every year.

The first event was held 36 years ago and so far, 27 such conferences have been organized in association with Indian Oil companies on various themes relevant to the oil industry. The event has become much sought-after annual event globally, attended by large number of delegates from India and abroad including senior officials of MoP&NG & major Oil & Gas and Petrochemical companies.

The last 27th ETM, organized by CHT in association with Indian Oil Corporation Ltd. during 11-13 November, 2024 at Hotel The Leela Bhartiya, Bengaluru, was a grand success with participation of more than 1400 delegates/invitees from India and abroad. The Theme of the Meet was “Emerging Energy Trends & Future of Refining”. A total of 76 oral papers including 8 Panelist and 58 from international consultants, spread over 15 Technical Sessions and 66 digital posters were presented during the two and half day Meet. 27 Exhibition Stalls were put up by leading technology / service providers showcasing their Technology, product and services.

CHT is now organizing the **“28th Energy Technology Meet (ETM)” during 28-30th of October, 2025 at Hyderabad, Telangana, India with Bharat Petroleum Corporation Limited as the co-host.**

Bharat Petroleum Corporation Limited, a leading Indian public sector oil and gas company with a rich history rooted in the nation's energy independence. Its origins trace back to 1928 with the incorporation of Burmah Shell Oil Storage & Distributing Company of India. In 1976, the Government of India nationalized the entire operations of Burmah Shell, leading to the formation of Bharat Refineries Limited, which was subsequently renamed Bharat Petroleum Corporation Limited (BPCL) in 1977. Since then, BPCL has grown to become a crucial player in India's energy sector, earning the prestigious 'Navratna' status in 2003 and the 'Maharatna' status in 2017, signifying its significant contribution and operational autonomy.

BPCL operates three major refineries in Mumbai, Kochi, and Bina, with a combined refining capacity of ~ 35.3 Million Metric Tonnes Per Annum (MMTPA). The company has undertaken numerous significant projects to expand its reach and modernize its infrastructure. Notable projects include the Integrated Refinery Expansion Project (IREP) at Kochi Refinery, which augmented its capacity to 15.5 MMTPA and upgraded auto fuels to BS VI standards, and the Propylene Derivative Petrochemical Project (PDPP) for producing specialty petrochemicals. BPCL is also heavily invested in developing a robust pipeline network across the country, connecting its refineries to major consumption centers. Furthermore, the company is actively venturing into renewable energy, with plans for windfarm projects and a strong focus on achieving Net Zero emissions (Scope 1 and 2) by 2040.

BPCL's achievements are extensive, encompassing strong financial performance, operational excellence, and a commitment to sustainability. In FY 2024-25, the company recorded its highest-ever market sales of 52.4 MMT and a record refinery throughput of 40.5 MMT with 115% capacity utilization. It also achieved an impressive profit after tax of ₹13,275 crore.

ABOUT THE MEET

India aims to achieve its short term and long-term targets under the Panchamrit action plan, like- reaching a non-fossil fuel energy capacity of 500 GW by 2030; fulfilling at least half of its energy requirements via renewable energy by 2030; reducing CO2 emissions by 1 billion tons by 2030; reducing carbon intensity below 45% by 2030; and finally pave the way for achieving a Net-Zero emission target by 2070. Diversifying India's energy sources and reducing reliance on fossil fuels can enhance energy security and reduce vulnerability to price fluctuations in the global market. Investing in renewable energy and sustainable practices can create new job opportunities and stimulate economic growth in sectors such as clean energy and technology. The transition to net zero emissions brings its own challenges and may require significant investments in infrastructure and technology, which could pose financial challenges for India, especially in the short term.

With increasing electrification of the economy including mobility & building sectors and decarbonization of industry, the energy mix shall transition to renewable electricity, biofuels and green hydrogen. However, driven by a range of factors, the deployment of renewables in different sectors will occur on different timeframes and scale for different reasons including availability, technology advancement, techno-economic considerations, regulatory push, etc. Therefore, all renewable resources should be viewed as a complementary to other alternative energy sources rather than a standalone solution. In the period of transition even role of gas and low carbon options cannot be ignored.

Refining Industry faces a challenging and complex market scenario in future coupled with need to align with the Net Zero Targets. While refineries are focusing on energy efficiency improvement, Water management, Green Hydrogen, SAF, electrification, biofuels, etc., and other cost effective solutions including AI and ML for achieving sustainability; the impending cap on the demand of auto fuels forces refinery to adapt new technologies such as Crude to Chemical, Gasification, etc. The advancement and development in the various energy fields and technologies will help refinery sector to prepare a clear roadmap for the future.

The meet provides an excellent opportunity for exposition of recent advances and technological developments that are of direct relevance to the downstream hydrocarbon sector. The focus areas of the Meet will be:

1. Changing Energy landscape
2. Driving Refining toward sustainable future
3. Aligning refineries towards Net Zero
4. Advances in Petrochemical technologies, Feed stock diversification and (COTC)
5. Advances in Refining Technologies and Catalysts
6. Emerging role of gas-based economy: CBG/LNG/CNG/HCNG in Energy mix
7. Aligning Pipelines toward sustainable future
8. Advances in Green Hydrogen value chain, Storage & Transportation
9. Green Hydrogen integration in Refining sector
10. Synthetic Aviation Fuel (SAF):
11. Biomass Valorization-Global Outlook, Various Pathways and economic viability
12. Water Management in Refinery & Petrochemicals, Bio refineries and Hydrogen

- 13.Environment Management
- 14.Energy efficiency Improvement
- 15.Process Optimization and best Practices in refineries
- 16.Green Hydrogen integration in Refining sector
- 17.Carbon Capture Storage and Utilization
- 18.Developments in alternative sources of energy
- 19.Sharing of Indigenous Technology Development and Innovations
- 20.Innovation in Catalyst for Green Refining

Eminent speakers & domain experts will deliver lectures and make technical presentations during the conference. Experts are drawn from the energy sectors including renewables, mobility sector, operating oil & gas and petrochemical companies, R&D institutions, consultants, process licensors, catalyst manufacturers, renowned EPC contractors, etc. both from India and abroad. Besides this, case studies will also be covered.

Besides oral presentation, Panel discussion and additional technical papers shall be covered under 'Poster Session'. Exhibition Stalls will also be provided at the venue for display of products/services by vendors/consultants/service providers etc. connected with the Energy Sector.

Submission of Technical Papers for Presentation

Abstracts may be submitted online on CHT website www.cht.gov.in for selection for oral presentation and poster display.

Who should attend

Professionals from energy sectors, oil refining, petrochemicals, gas processing, engineering professionals involved in the design, operation & technical services and business development in energy sectors, process licensors, consultants, vendors, scientists, academicians and manufacturers.

Nodal Person for paper Selection:

Mr. Baljeet Singh, Director E-mail: singh.baljeet@cht.gov.in Mobile: +91- 9849968570	Mr. Kishore Kumar Bhimwal, Addl. Director Email: kishore.bhimwal@cht.gov.in Mobile: +91-9958798282
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Language

English will be the official language of the ETM.

Registration Fee

The Registration Fee for Indian Participants attending the Meet is ₹ 35,400 (₹ 30,000 plus GST @ 18%) and 500 USD (Including GST) for Foreign participants.

The registration fee is to be paid by Demand Draft in favor of 'Centre for High Technology', payable at NOIDA, India or through direct inter-bank money transfer to the following account in HDFC Bank:

S/B A/C No.: 03941450000148 IFSC Code: HDFC0002649 SWIFT Code: HDFCINBB

PAN of CHT: AAATC0412A GST No.: 09AAATC0412A1ZN

D.D. No. _____ Date _____ Amount _____

Drawn on Bank _____ Branch _____

Registration and Payment can be made online through CHT website www.cht.gov.in

There will be no registration fee for the presenters of the papers in Technical Sessions/ Poster Sessions. However, travel and accommodation arrangements are to be made by themselves. Spot Registration can also be done at the conference venue from 1700 Hrs to 2000 Hrs on the day prior to the event and from 1400 Hrs of the first day of the event onwards.

Nodal Person for Delegate Registration:

Mr Neeraj Kumar, Joint. Director Email: kumarneeraj@cht.gov.in Mobile: +91-9702966177	Mr. Dipankar Saha, Addl. Director Email: d.saha@cht.gov.in Mobile: +91-9920629514	Mr. Balayogi Nathi, Joint Director Email: balayogi.n@cht.gov.in Mobile: 8590785293
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Accommodation

Delegates / Speakers / Presenters participating in the conference have to make their own arrangements for accommodation.

Sponsorship

The 28th ETM is expected to be attended by about 1300-1500 delegates from India and abroad that would provide an excellent platform for networking with Oil Companies, Process Licensors, Design & Engineering Companies, R&D/Academic institutes, etc. and will be a good business exposure for all the participating companies.

The sponsorship opportunities are available for bulk participation and branding (Last date 31st October, 2025). The name of the sponsoring organization along with 'Logo' will be displayed adequately in all venues, prints and electronic display as acknowledgement of support and sponsorship. In addition, Sponsors will be entitled for complimentary registration of their delegates as follows:

Category	Sponsorship Amount		Complementary Delegates
	Indian* (₹ lakhs)	Foreign** (USD)	
Platinum	20	29,000	50
Diamond	15	22,000	30
Gold	12	17,500	20
Silver	9	13,000	10
Pearl	6	8,700	5

*GST @ 18% is payable additionally directly by the Indian Sponsors. ** Inclusive of 18% GST

Nodal Person for Sponsorship:

Mr. Manish Agarwal, Joint Director Email: m.agarwal@cht.gov.in Mobile: +91-7060577075	Mr. Lav Kumar, Addl. Director Email: lav.kr@cht.gov.in Mobile: +91-9758802988
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Exhibition Stalls

Exhibition Stalls of size 3 m x 3 m will be provided at the venue for display of products/ services by vendors / consultants / service providers etc. connected with the Hydrocarbon Sector. The rate for each stall will be Rs 4.72 lakh (Rs 4.00 lakh plus GST@18%). Vendors booking the exhibition stalls will be entitled for free complimentary registration for two delegates.

Nodal Person for Exhibition Stall Booking:

Mr. Gaurang Mishra Email: gaurang@cht.gov.in Mobile: +91-7535065000	Mr. Rajan Kumar Email: kumar.rajan3@cht.gov.in Mobile: +91-7408404411	Mr. Gaurav Lunawat Email: gaurav.lunawat@cht.gov.in Mobile: +91-8516099239
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Overall Coordinators

Mr. S. R. Kulkarni, Director Tel: +91- 9892067088 (M) E-mail: kulkarni@cht.gov.in	Mr. Baljeet Singh, Director Tel: +91- 9849968570 (M) E-mail: singh.baljeet@cht.gov.in
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For updates, please keep visiting CHT website: <https://www.cht.gov.in>



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