



HP GREEN R&D CENTRE
in coordination with
CENTRE FOR HIGH TECHNOLOGY
is conducting



ACTIVITY COMMITTEE MEET

on

**"Hydrocracking &
Hydrotreating"**

DATE

23rd & 24th JULY, 2026

VENUE

HP Green R&D Centre, Bengaluru

HP GREEN R&D CENTRE, BENGALURU

HPCL set up its prestigious 'HP Green R&D Centre' at Bengaluru in the year 2016, with the objective of developing innovative and path-breaking technologies and products. Often referred to as HPCL's "Temple of Learning & Knowledge," the Centre is located on the eastern fringes of Bengaluru, the Garden City of India, roughly 15 km from ITPL/Whitefield and approximately 43 km from Bengaluru Airport, placing it among a cluster of Oil Marketing Terminals in the vicinity.

The Centre has been built in phases across a sprawling, lush green campus of 107 acres. Its Phase-I laboratories were established to support petroleum refining research in areas such as FCC/RFCC, Hydroprocessing, Catalysis, Bioprocesses, Crude Evaluation & Fuels Research, Analytical work, Process Modelling & Simulation, and Nano Technology, with each lab equipped with state-of-the-art research facilities and equipment. In April 2022, the Centre expanded significantly with the inauguration of seven new laboratories under Phase-II, covering Petrochemicals & Polymers, Engine Testing, Tribology, Corrosion Studies, Novel Separations, Residue Upgradation, and Battery Research. Beyond this, the Green R&D Centre has continued to broaden its research and operating domain through the addition of a Hydrogen Lab, Digital Lab, Water Research Lab, Bitumen & Pavement Research, and a Global Technology Centre.

The R&D Centre is formally recognized by the Department of Scientific and Industrial Research (DSIR) and maintains collaborations with almost all premier research institutes in India and abroad. Over the years, it has achieved major technical accomplishments by developing and commercializing novel technologies and products for refineries, and delivering significant cost advantages and efficiency improvements across HPCL.

Stay updated on HPCL technologies & products:

www.hindustanpetroleum.com

[LinkedIn / HPCL](#)

CENTRE FOR HIGH TECHNOLOGY (CHT)

The Centre for High Technology (CHT) is a dedicated technology cell of the Ministry of Petroleum & Natural Gas (MoP&NG), established in 1987 to assess future requirements and to acquire, develop and adopt technologies across refinery processes and petroleum products. Headed by an Executive Director, CHT functions under the guidance of a Governing Council chaired by the Secretary, MoP&NG.

As part of its mandate to pool experience and build expertise across the refining sector, CHT regularly convenes Activity Committee Meets, workshops and seminars - an excellent platform for oil-industry professionals across India to exchange benchmarks and share the latest technological developments.

ABOUT THE MEET

Hydrocracking and Hydrotreating are the quiet workhorses of the modern refinery. Together they unlock cleaner fuels, sharper product quality and higher yields - converting heavy, high-sulphur and difficult crudes into low-sulphur diesel, premium gasoline blending components, aviation turbine fuel and other high-value distillates, all while meeting ever-tightening environmental specifications.

These units sit at the heart of refinery transformation, with a direct bearing on reliability, energy consumption, hydrogen management and overall economics. Smarter choices in reaction severity, reactor design, catalyst formulation, heat integration and process control translate directly into better margins, longer catalyst life and a smaller carbon footprint.

With this backdrop, CHT - in association with HP Green R&D Centre - is organising a two-day Activity Committee Meet on "Hydrocracking and Hydrotreating" on **23rd & 24th July 2026 at Bengaluru**, bringing refiners, technologists, process licensors, researchers and consultants onto a single platform.

KEY TOPICS

- Importance of Hydrocracking & Hydrotreating in refinery operations, product quality and environmental compliance
- Recent developments in Hydrocracking & Hydrotreating technologies
- Processing of difficult feedstocks, high-sulphur crudes and opportunity streams
- Catalyst selection, deactivation, performance monitoring, regeneration & development

- Hydrogen management, reactor performance and optimisation of operating conditions
- Energy efficiency, heat integration and utility optimisation in Hydrocracking units
- Operational challenges - fouling, pressure drop, corrosion and troubleshooting
- Integration with residue upgradation, refinery modernisation and decarbonisation pathways

PROGRAMME SCHEDULE

DAY 1 • Thursday, 23rd July 2026

Time	Programme
0930-1030	Inauguration - Welcome address by ED, HPCL R&D · Theme address by ED, CHT · Key-Note address
1030-1330	Technical Session 1
1330-1430	Lunch & Networking
1430-1730	Technical Session 2

DAY 2 • Friday, 24th July 2026

Time	Programme
0930-1330	Workshop
1330-1430	Lunch & Networking
1430-1700	Technical Session 3
Concluding	Key takeaways & closing remarks by Convener (HPCL R&D) · Vote of thanks by CHT

GET IN TOUCH

Delegate nominations (Name, Designation, E-mail & Mobile) are to be registered online through the CHT website - www.cht.gov.in - by 20th June 2026.

Mr. Manish Agarwal

Additional Director, CHT
EMAIL : m.agarwal@cht.gov.in
MOBILE : +91 70605 77075

Mr. Prashant Kumar Singh

Deputy Director, CHT
EMAIL : prashant.singh@cht.gov.in
MOBILE : +91 85740 33212

HPCL - HP GREEN R&D CENTRE

H. Nagendra

hnagendra@hpcl.in
+91 98339 60808

V V Ranganath

venkatarvoleti@hpcl.in
+91 63016 22374

EXPLORE BENGALURU

Often called the **Silicon Valley of India**, Bengaluru pairs a buzzing tech-and-startup energy with garden-city calm and a pleasant, year-round climate at over 900 m above sea level. Between sessions, the capital of Karnataka rewards every kind of traveller - from heritage seekers to nature lovers and food enthusiasts.



Bangalore Palace

Tudor-style royal residence set in sprawling landscaped grounds.



Vidhana Soudha

Iconic neo-Dravidian seat of the State Legislature - stunning when floodlit.



Bannerghatta Park

Safari, zoo and butterfly park on the city's green southern edge.

Also worth your time : Lalbagh Botanical Garden • Cubbon Park • Tipu Sultan's Summer Palace • ISKCON Temple • Nandi Hills sunrise drive • the city's legendary café & craft-brewery scene.

WHERE TO STAY

The venue sits along Bengaluru's eastern corridor, with a wide choice of stays around **Whitefield** and **Channasandra / Kadugodi** - all within easy reach of HP Green R&D Centre.

WHITEFIELD

Sheraton Grand Whitefield

Prestige Shantiniketan • ~14 km

Bengaluru Marriott Whitefield

8th Road, EPIP Zone • ~13 km

The Zuri Whitefield

Whitefield Main Road • ~15 km

Holiday Inn Express Whitefield

ITPL area • ~14 km

CHANNASANDRA / KADUGODI

The Den Bengaluru

Old Madras Road • ~9 km

Estia Executive Suites

Kadugodi • ~7 km

Business hotels & serviced apartments

Channasandra & Kadugodi • 6-10 km

Tip : Channasandra & Kadugodi stays are closest to the venue; Whitefield offers the widest premium choice.



REACHING THE VENUE

HP Green R&D Centre

KIADB Industrial Area, Devanagonthi, Tharabally,
Bengaluru, Karnataka 560117

Scan the QR for live Google Maps directions.