

# ANNOUNCEMENT

## 22<sup>nd</sup> Refining & Petrochemicals Technology Meet

13–15 January, 2018

MAYFAIR Convention, Bhubaneswar, Odisha, India

Emerging Trends in Downstream Hydrocarbon Sector



पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय

भारत सरकार

Ministry of Petroleum and Natural Gas  
Government of India



*"Science must meet rising aspiration of the people."*

*"Modern Science is a catalyst agent to fulfil the needs of humankind. We must ensure that it reaches poorest of the poor".*

**Shri Narendra Modi**  
**Hon'ble Prime Minister of India**



**Shri Dharmendra Pradhan**, Hon'ble Minister for Petroleum & Natural Gas, Government of India delivering his inaugural address in the 21<sup>st</sup> RTM held during 20-22 April, 2017 at Visakhapatnam, India



## Introduction

**Centre for High Technology (CHT)**, under the aegis of Ministry of Petroleum & Natural Gas (MoP&NG), Government of India, in association with Indian oil Companies, organises **Refinery Technology Meet (RTM)** every year. The meet has become much sought-after annual event which provides an excellent opportunity for exposition of recent advances and technological developments that are of direct relevance to the downstream hydrocarbon sector.

The first RTM was held 30 years ago and so far 21 RTMs have been organised in association with Indian oil companies on various themes relevant to the oil industry. The last RTM, i.e., 21<sup>st</sup> RTM organised by CHT in association with HPCL during 20-22 April, 2017 at Visakhapatnam was a grand success with participation of around 800 delegates/invitees from India and abroad. The Theme of the Meet was “Refining to Petrochemicals – The Way Ahead”. A total of 74 oral papers spread over 16 Technical Sessions and 82 posters were presented during the 3 day Meet. 12 Exhibition Stalls were put up by leading technology/service providers showcasing their services. Apart from Indian oil companies, leading global consultants/ technology providers like Shell, Honeywell UOP, Chevron, ExxonMobil, CB&I, Haldor Topsoe, Axens, KBR, DuPont, Technip, Lyondell Basell, Grace, Univation, Mitsui Chemicals, Solomon etc. participated in the Meet.

India is presently the fastest growing major economy in the world with potential to high growth rate over long period. India is the 3<sup>rd</sup> largest consumer of primary energy and the share of India in global energy consumption is expected to increase from current 5.5 to 9% by 2035 as per BP Energy Outlook. India also boasts of having very vibrant Refining industry which is 4<sup>th</sup> largest in the world with refining capacity of 237 MMTPA and is gearing up for country-wide roll over to Euro-VI equivalent norms by 1<sup>st</sup> April 2020. The Refining industry in India not only meets the demand of neighboring countries but also exports surplus products to other countries. As per IEA, the demand for petroleum products in India will rise from current level of 194 to 458 MMTPA by 2040. Already, 69 MMTPA capacity Greenfield refinery has been announced and another 55 MMTPA Brownfield refinery expansion is under consideration. The Petrochemical industry is vital to national growth. Per-capita polymer consumption in India is still around 9-10 kg with potential to achieve 30 kg in line with global average signifying future growth in petrochemical sector. Therefore, petrochemical industry in India is poised to grow by leaps & bounds. In view of the above, India is now the most attractive destination and sweet spot in terms of investment in Refining and Petrochemical sector in the whole world.

The Downstream Hydrocarbon Sector is currently passing through a challenging phase with increased influence of alternative sources of energy and growing demand for petrochemicals. In order to reflect and incorporate the growing importance and integration of Petrochemicals with refining industry in India, the Meet has been rechristened as “**Refining & Petrochemicals Technology Meet (RPTM)**”.



## 22<sup>nd</sup> Refining & Petrochemicals Technology Meet

CHT is now organising the **“22<sup>nd</sup> Refining & Petrochemicals Technology Meet (RPTM)”** in association with Indian Oil Corporation Ltd., during 13-15 January, 2018 at MAYFAIR Convention, Bhubaneswar, Odisha, India. The Theme of the Meet is **“Emerging Trends in Downstream Hydrocarbon Sector”**.

### About the Organisers

**Centre for High Technology (CHT)**, a satellite organisation of Ministry of Petroleum & Natural Gas, Government of India, was established in 1987 for development of indigenous capabilities to attain technological competence and self-reliance in the Refining Sector. Being the technical wing of Ministry of Petroleum & Natural Gas, CHT advises and implements scientific and technological programmes of the Government and also renders assistance to the downstream sector for achieving excellence and progress at par with best in the world. CHT also assesses the operational performance of the refineries and develops programmes in consultation with the industry for improvement. As a part of dissemination of information and pooling of experience to develop expertise, CHT holds discussion-forums viz., Activity Committees, organise Workshops/Seminars, as well as arranges for centralised technical assistance. **RPTM** is part of CHT's endeavour for knowledge and information sharing in the Hydrocarbon Sector.

**Indian Oil Corporation Ltd. (IOCL)** is India's flagship Maharatna national oil company with business interests straddling the entire hydrocarbon value chain – from refining, pipeline transportation and marketing of petroleum products to world-class Research & Development, Exploration & Production, marketing of natural gas and petrochemicals. It is the largest Indian corporate of India ranking 168 among worlds' largest corporates in Fortune 'Global 500' listing for the year 2017 with a sales turnover of more than USD 65 billion during 2016-17. As The Energy of India, Indian Oil accounts for nearly half of India's petroleum products market share, with sales of 83.5 million tonnes in 2016-17. Indian Oil Group owns and operates 11 of India's 23 refineries, with a combined refining capacity of 80.7 million metric tonnes per annum with over 33% national refining capacity and 71% downstream sector pipelines throughput capacity.

Indian Oil Corporation Ltd. operates a network over 13,000 km long crude oil, petroleum product and gas pipelines with a capacity of 93.7 million metric tonnes per annum of oil and 9.5 million metric standard cubic meter per day of gas. Having set up subsidiaries in Sri Lanka, Mauritius, UAE, Sweden, USA and The Netherlands the Corporation is simultaneously scouting for new business opportunities in the energy markets of Asia and Africa.

## About The Meet

The focus areas of the Meet will be:

- Changing Refinery Landscape
- Valorizations of Hydrocarbon Molecules
- Transforming Refining & Petrochemicals Sector
- Refining Industry beyond 2030
- Petrochemicals
- Feedstocks for Petrochemicals & Options for India
- Advances in Refining Technology
- Future Quality Trends
- Energy Efficiency Improvements
- 2G Ethanol
- Gasification
- Changing Energy Mix
- Project Management
- Reliability Improvement
- Information Technology

Eminent speakers & experts in their respective fields will deliver lectures and make technical presentations during the **RPTM**. Experts are drawn from the 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.

Additional technical papers shall be covered under 'Poster Session'. Exhibition Stalls will also be provided at the **RPTM** venue for display of products/services by vendors/consultants/service providers etc. connected with the Hydrocarbon Sector.

## Submission of Technical Papers for Presentation

Abstracts may be submitted online on CHT website [www.cht.gov.in](http://www.cht.gov.in) from **10<sup>th</sup> October 2017** for selection for oral presentation and poster display. The last date for submission of abstracts is **30<sup>th</sup> November 2017**.

## Who should Attend

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

## Language

English will be the official language of the **RPTM**.



## About Bhubaneswar

Bhubaneswar is the capital of the Indian state of Odisha. It is the largest city in Odisha and is a centre of economic and religious importance in Eastern India. Known as the "Temple City", Bhubaneswar, named after Tribhuvaneshwar (Lord of Three Worlds), has a unique position by virtue of the ability to seamlessly integrate its rich cultural heritage with a strong regional economic base. Founded during the Kalinga empire over 3,000 years ago, Bhubaneswar today boasts of a cluster of magnificent temples, constituting a complete record of Odisha temple architecture from its early beginnings to its culmination. It still preserves over 500 of India's finest temples, around which the religious life of the city revolves. Further, Bhubaneswar also plays an important role as a regional gateway to the Golden Tourist Triangle of Puri, Konark, and Chilika Lake. Its strategic geographic location along the east coast of India, has positioned Bhubaneswar to serve as the gateway to South-east Asia with easy access to existing and emerging ports.

The 15 MMTPA Paradip Refinery of Indian Oil Corporation, located about 120 km from Bhubaneswar, is the latest and the most modern refinery of the country with Nelson Index of a 12.2. The new Bhubaneswar with its modern buildings and extensive infrastructure perfectly complements its historic surroundings. With facilities to cater to every type of visitor, Bhubaneswar makes an ideal tourist destination. An emerging Information Technology and education hub, Bhubaneswar is one of the country's fastest-developing cities.

## Registration Fee

The Registration Fee for attending the Meet is ₹ 29,500 (₹ 25,000 plus GST @ 18%). The Registration Fee for foreign delegates will be USD 590 (USD 500 plus GST 18%). The registration fee is to be paid by Demand Draft in favour 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.** : 07AAATC0412AIZR

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. Nomination for participation in the **RPTM** can be sent by filling and submitting the enclosed form latest by **10<sup>th</sup> December, 2017**. Spot Registration can also be done at the **RPTM** venue i.e. MAYFAIR Convention, Bhubaneswar from 1700 hrs to 2000 hrs on 12<sup>th</sup> January, 2018 and from 0800 hrs to 1300 hrs on 13<sup>th</sup> and 14<sup>th</sup> January, 2018.

**Registration and payment can be made online through CHT website [www.cht.gov.in](http://www.cht.gov.in)**

## Accommodation

Delegates/Speakers/Presenters participating in the **RPTM** have to make their own arrangements for accommodation at Bhubaneswar.



## Sponsorship

The **RPTM** is expected to be attended by about 700-800 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 following sponsorship opportunities are available for bulk participation and branding:

	INR	US Dollars
Platinum Sponsor	:₹ 15.0 lakh	25,000
Diamond Sponsor	:₹ 12.0 lakh	20,000
Gold Sponsor	:₹ 9.0 lakh	15,000
Silver Sponsor	:₹ 6.0 lakh	10,000
Pearl Sponsor	:₹ 4.0 lakh	6,000

For payment in Indian Rupees, GST @ 18 % is payable additionally directly by the payee. For payment in USD, GST @ 18 % is to be paid extra. 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 under:

**Platinum : 50      Diamond : 30      Gold : 15      Silver : 8      Pearl : 4**

## Exhibition Stalls

Around 12-15 Exhibition Stalls of size 3 m x 3 m will be provided at the **RPTM** venue for display of products/ services by vendors/ consultants/ service providers etc. connected with the Hydrocarbon Sector. The rate for each stall will be ₹ 2.36 lakh (₹2.00 lakh plus GST @ 18%). For payment in USD, the rate per stall will be USD 3,000 plus GST @ 18 %. Vendors booking the exhibition stalls will be entitled for free complimentary registration for one person. Travel and accommodation arrangements are, however, to be made by the vendors themselves.

**For further queries, please contact :**

Mr. M. Dattaray	Tel	:	+91-120-259 3738 (O)
Advisor (Technical)			+91-9582598141 (M)
Centre for High Technology	Fax	:	+91-120-259 3780 / 259 3772
Ministry of Petroleum & Natural Gas	E-mail	:	dattaraym@cht.gov.in
OIDB Bhawan, Tower 'A', 9 <sup>th</sup> Floor	Website	:	www.cht.gov.in
Plot No. 2, Sector – 73			
NOIDA – 201 307, Uttar Pradesh (India)			





Lingaraja Temple, Bhubaneswar



Puri Jagannath Rath-Yatra



Konark Sun Temple



**Centre for High Technology  
&  
Indian Oil Corporation Ltd.**

