

# INDIAN INSTITUTE OF PETROLEUM AND ENERGY



## INTERNATIONAL CONFERENCE

### EXPLORING THE POTENTIAL OF NATURAL HYDROGEN:

A SUSTAINABLE ENERGY FRONTIER

10-11  
APRIL  
2025

VISAKHAPATNAM  
विद्या प्रशस्यते लोकैः



### CONTACT US



+91 8873649164



natgeoh2@iipe.ac.in



<https://iipe.ac.in/natgeoh2/>

### ORGANIZED BY

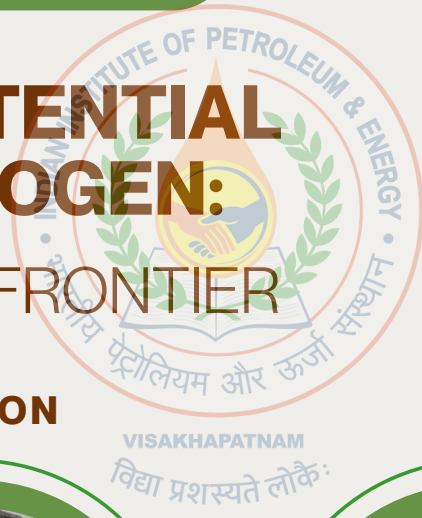
DEPARTMENT OF PETROLEUM  
ENGINEERING AND EARTH SCIENCES  
IPE VISAKHAPATNAM, INDIA

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## EXPLORING THE POTENTIAL OF NATURAL HYDROGEN:

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2025



**CHIEF PATRON**



**PROF. P. K. BANIK**  
PRESIDENT  
BOG, IPE

**PATRON**



**PROF. SHALIVAHAN**  
DIRECTOR  
IPE

VISAKHAPATNAM  
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**PROF. K. VIJAYA KUMAR**  
CONVENER

## IMPORTANT DATES



**PROF. ROSHAN K. SINGH**  
CO-CONVENER

Last Date



Abstract Submission

Last Date



Registration

Last Date



Paper Submission



SCAN



+91 8873649164



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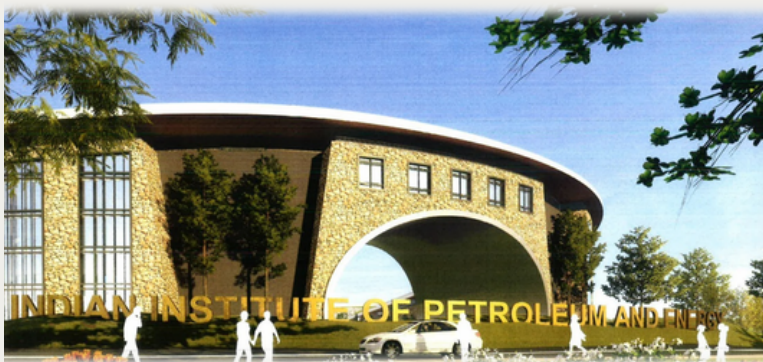
## About IIPE

Indian Institute of Petroleum and Energy (IIPE) Visakhapatnam was established by an Act of Parliament under the Ministry of Petroleum and Natural Gas (MoPNG) and declared as an Institute of National Importance. It is a research Institute emphasizing emerging areas in the energy sector. It is committed to producing skilled human resources to meet the quantitative and qualitative gap in the Petroleum and energy sectors.



## ABOUT THE DEPARTMENT

The Department of Petroleum Engineering and Earth Sciences was started in 2016 with the mission to provide skilled and highly qualified engineers in the field of Petroleum Engineering and Earth Sciences. The department currently offers a 4-year B.Tech program in Petroleum Engineering, a 2-year M.Sc. program in Applied Geology, and a PhD program in Petroleum Engineering and Earth Sciences.



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## ABOUT THE CONFERENCE

Natural hydrogen ( $H_2$ ), an emerging and promising energy source, holds the potential to revolutionize the global energy landscape. With its minimal environmental footprint and natural abundance, it presents a sustainable alternative to fossil fuels. Hydrogen is carbon free fuel but producing is both costly and extremely energy intensive. Some researchers believes that cheap, vast, and potentially renewable sources of natural hydrogen lies underneath the earth's surface. The earth's hydrogen factories include: (1) Radiolysis, (2) Serpentinization, (3) Deep seated, (4) Seeps, (5) Microbes, (6) Abiotic reactions, (7) Traps, (8) Direct, and (9) Enhanced. The amount of Natural hydrogen is about half of the atmospheric hydrogen. Soil can absorb atmospheric hydrogen and becomes the main hydrogen sink "Natural hydrogen has the potential to cause the biggest disruption to the global energy system in the coming decades". Time will surely tell! (Michael Webbar, ENGIE, France).



## REGISTRATION FEE



### Students:

₹1180/-



### Research Scholars:

₹1770/-



### Faculty/ Scientists:

₹2950/-



### Industry/ NGO Sponsored:

₹3540/-



### Retired Faculty/ Scientists:

₹1180/-



### Accompanied Person:

₹1000/-

## FOREIGN DELEGATES



### Students & Research Scholars:

\$100.00



### Faculty & Scientists:

\$200.00 GST inclusive



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# CONFERENCE

## Sessions

### UNDERSTANDING NATURAL HYDROGEN RESOURCES

#### Session 01

**Geological  
Formation and  
Occurrence of  
Natural  
Hydrogen**

#### Session 02

**Exploration  
Techniques  
for Natural  
Hydrogen**

### APPLICATIONS, SUSTAINABILITY, AND FUTURE PERSPECTIVES

#### Session 03

**Towards  
Sustainable  
Hydrogen  
Production**

#### Session 04

**Environmental  
and Economic  
Aspects of  
Natural  
Hydrogen**



# SPONSORSHIP Opportunities

## PLATINUM 01

- TWO Trade Exhibition Stalls.
- THREE complimentary conference participation.
- 20 minutes presentation during the Sessions.
- The logo will be prominently placed on the conference website with a link, at the Conference Venue, and on other promotional materials.
- Products and services brochures in the Conference Kit.

₹ 11,80,000/-

## DIAMOND 02

- TWO Trade Exhibition Stalls.
- TWO complimentary conference participation.
- 15 minutes presentation during the Sessions.
- The logo will be prominently placed on the conference website and conference venue.
- Products and services brochures in the Conference Kit.

₹ 5,90,000/-

## GOLD 03

- ONE Trade Exhibition Stalls.
- ONE complimentary conference participation.
- 10 minutes presentation during the Session.
- Logo on the conference website and at the Conference Venue.
- Marketing materials in the Conference Kit.

₹ 2,36,000/-

## SILVER 04

- ONE complimentary conference participation.
- 10 minutes presentation during the Session.
- Logo on the conference website and at the Conference Venue.

₹ 1,18,000/-

GST inclusive

## BANK DETAILS

**A/C Holder:** INDIAN INSTITUTE OF PETROLEUM AND ENERGY

**MICR Code:** 530012011

**IFSC Code:** BARB0SIRIPU (Fifth character is ZERO)

**Account Number:** 52270100006259

**Name of the Bank:** BANK OF BARODA

**Branch:** SIRIPURAM BRANCH

**Account Type:** Saving Account



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