

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



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ORGANIZED BY

DEPARTMENT OF PETROLEUM
ENGINEERING AND EARTH SCIENCES
IIPE VISAKHAPATNAM, INDIA

INTERNATIONAL CONFERENCE

EXPLORING THE POTENTIAL OF NATURAL HYDROGEN:

A SUSTAINABLE ENERGY FRONTIER

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BOG, IIPe

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DIRECTOR
IIPe

VISAKHAPATNAM
विद्या प्रशस्यते लोकैः



PROF. K. VIJAYA KUMAR
CONVENER

IMPORTANT DATES

Last Date



Abstract Submission

Last Date



Registration

Last Date



Paper Submission

PROF. ROSHAN K. SINGH
CO-CONVENER



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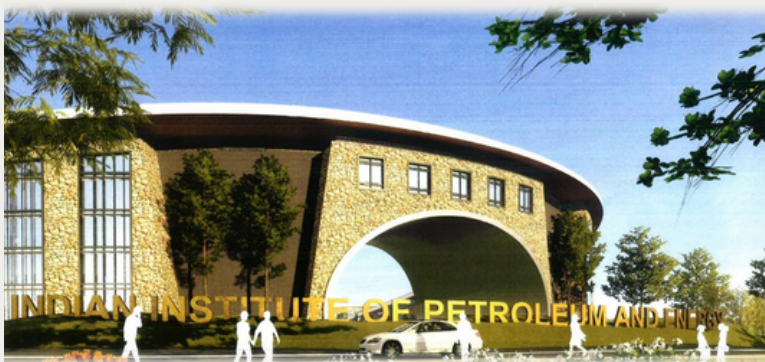
About IIPE

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.



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

1

Geological Formation
and Occurrence of
Natural Hydrogen

SESSION

2

Exploration
Techniques for Natural
Hydrogen

APPLICATIONS, SUSTAINABILITY, AND FUTURE PERSPECTIVES

SESSION

3

Towards Sustainable
Hydrogen Production

SESSION

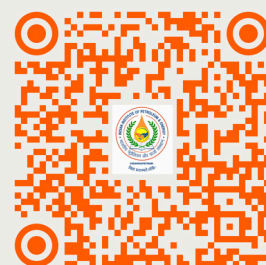
4

Environmental and
Economic Aspects of
Natural Hydrogen

CONFERENCE VENUE



Indian Institute of Petroleum and Energy
Visakhapatnam - 530003
Andhra Pradesh, India



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SPONSORSHIP Opportunities

PLATINUM

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FOREIGN

\$22000.00

- 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.

DIAMOND

INDIAN

₹5,90,000/-

FOREIGN

\$11000.00

- 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.

GOLD

INDIAN

₹2,36,000/-

FOREIGN

\$4400.00

- 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.

SILVER

INDIAN

₹1,18,000/-

FOREIGN

\$2200.00

GST inclusive

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

BANK DETAILS

A/C Holder: INDIAN INSTITUTE OF PETROLEUM AND ENERGY

Account Number: 52270100006259

Name of the Bank: BANK OF BARODA

Branch: SIRIPURAM BRANCH

MICR Code: 530012011

IFSC Code: BARB0SIRIPU (Fifth digit is numerical ZERO)

SWIFT Code: BARB IN BBVDP

Account Type: Saving Account



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