

# IITB Hydrogen Workshop

February 16-17, 2024 | Venue: B. Nag Auditorium, VMCC, IIT Bombay

As we are all aware, hydrogen is a clean energy carrier that has the potential to play a major role in decarbonizing various sectors like transport, power and hard-to-abate industrial sectors like iron and steel, cement, etc. IIT Bombay is at the forefront of hydrogen research with expertise in various aspects of hydrogen. Some of the projects underway in this domain are aimed at developing new and innovative ways to use hydrogen. For example, we are working on developing new hydrogen fuel cells that are more efficient and cost-effective. We are also working on developing new ways to store hydrogen so that it can be used more widely.

The Office of Dean R&D, IIT Bombay is organizing a workshop to bring together experts who work in various aspects of hydrogen. The keynote address, plenary talk(s), and panel discussion in the workshop will provide an overview of the emerging hydrogen ecosystem of the country. This workshop will encourage and inspire the students and faculty of IIT Bombay to contribute in different ways to the National Green Hydrogen Mission.

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**February 16, 2024**  
(Friday)

**Chief Guest**



**Shri. Lalit Bohra**  
Joint Secretary, MNRE

**Guest of Honour**



**Dr. V. K. Saraswat**  
Member, NITI Aayog & Ex-Secretary, DRDO

**Plenary Speakers**



**Dr. Subrata Rakshit**  
Director General, DRDO



**Dr. Anita Gupta**  
Head of Scientific Divisions, DST



**Dr. Sunita Satyapal**  
Director, Hydrogen and Fuel Cell, US DOE (Department of Energy)

**Keynote Speakers**



**Dr. Kanakasabapathi Subramanian**  
Sr. Vice President, Ashok Leyland



**Dr. Suman Roy Choudhury**  
AIP - Program Director, NMRL, DRDO

## Session: Hydrogen Production

Chair: Prof. Arnab Dutta, IIT Bombay

**Plenary Speaker**



**Dr. Ashish Lele**  
Director, NCL Pune

**Speakers**



**Mr. Atul Choudhari**  
CTO, Tata Consulting Engineers



**Mr. Naveen Ahlawat**  
R&D Head, Jindal Steel & Power



**Prof. Sandeep Kumar**  
IIT Bombay



**Dr. Samik Nag**  
Head - Ironmaking Research, TATA Steel



**Prof. Arnab Dutta**  
IIT Bombay

**February 17, 2024**  
(Saturday)

## Session: Hydrogen Storage

Chair: Prof. Pratibha Sharma, IIT Bombay

**Plenary Speaker**



**Dr. S.S.V. Ramakumar**  
Ex-Director (R&D), Indian Oil Corporation Ltd

**Speakers**



**Dr. Ranjith Krishna Pai**  
DST



**Mr. Puneet Khurana**  
Managing Director, Everest Kanto Cylinder



**Dr. Renny Andrew**  
Chief Manager - R&D, Bharat Petroleum Corporation Ltd



**Prof. Asim Tewari**  
IIT Bombay



**Dr. Anuradda Ganesh**  
Chief Technical Advisor, Cummins India

## Session: Hydrogen Utilization

Chair: Prof. Pratibha Sharma, IIT Bombay

**Guest of Honour**



**Mr. Chidambaran Subramanian**  
Chief Strategy Officer, Cummins India

**Speakers**



**Mr. Shekhar Kashalikar**  
CEO, John Cockerill Greenko



**Prof. Prakash C. Ghosh**  
IIT Bombay

[VIEW SCHEDULE](#)

**Workshop Conveners**  
Prof. Pratibha Sharma, IIT Bombay  
Prof. Arnab Dutta, IIT Bombay

**ICONS 2024**

**For further details/clarifications:**  
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