

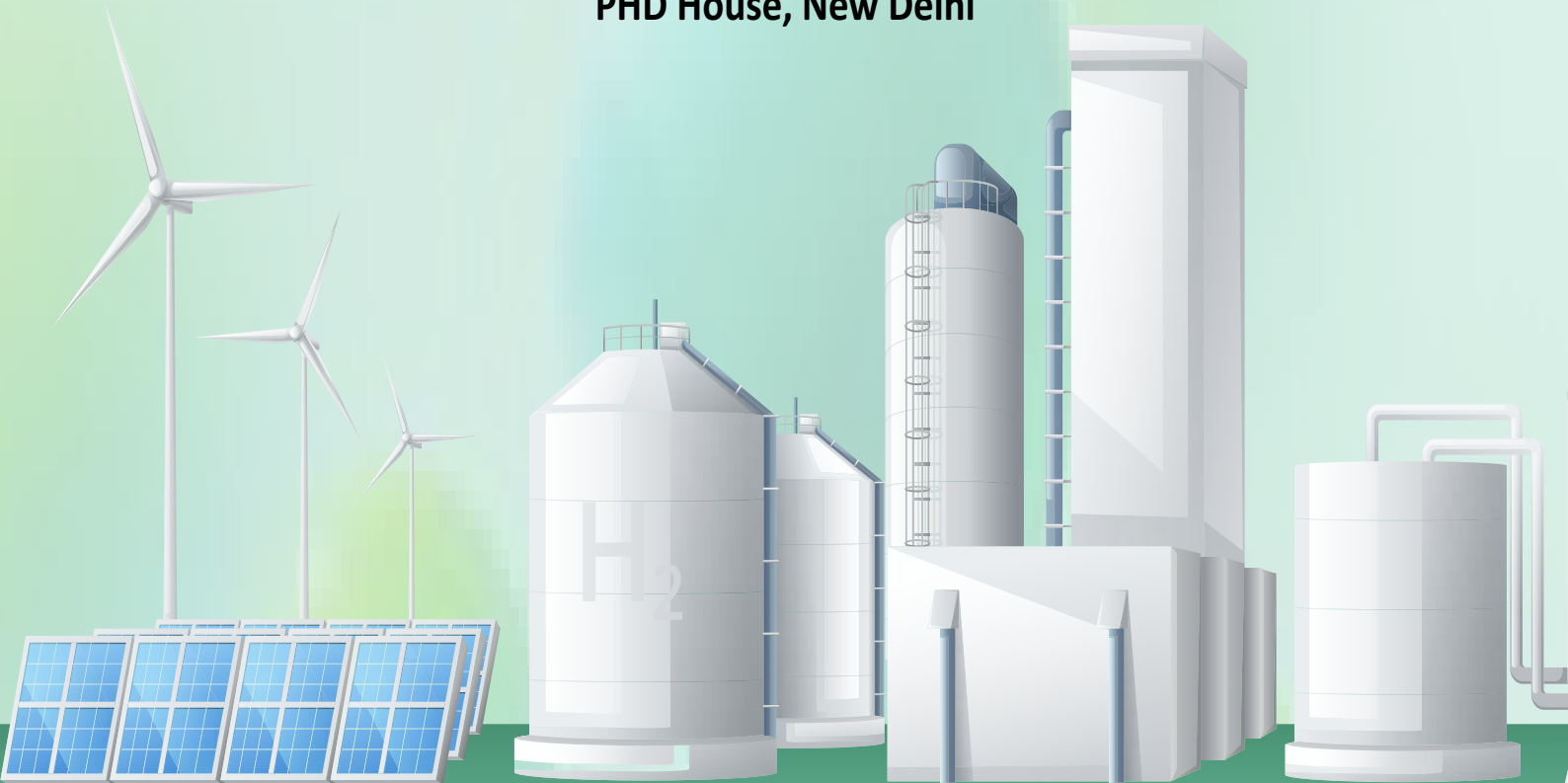


**PHD Centre of Excellence in Green Hydrogen
conducts**

**Workshop on
GREEN HYDROGEN
VALUE CHAIN**

**'Hydrogen Knowledge Series'
for MSMEs**

**July 20, 2023 | 9.30 AM – 1.30 PM
PHD House, New Delhi**



Centre of Excellence in Green Hydrogen (CoE-GH)

PHD Chamber of Commerce and Industry, PHD House, 4/2, Siri Institutional Area, August Kranti Marg, New Delhi-110016

About Program

The PHD Centre of Excellence in Green Hydrogen (CoE-GH), a pioneering initiative of the PHD Chamber of Commerce and Industry for MSMEs is kick-starting its Hydrogen knowledge programs with an interactive Workshop on Green Hydrogen Value Chain on 20 July 2023 at PHD House. It is the first of a series of 'Hydrogen Knowledge Workshops' for MSMEs by the COE-GH.

The program will address the three main parts of the Hydrogen value chain – production, storage & distribution, and consumption with Hydrogen safety.

The program is primarily targeted at the MSMEs and Corporate business executives interested to diversify into Hydrogen projects/business and looking forward to an overall understanding of Hydrogen and its nuances to be able to identify and evaluate project opportunities. There will be adequate coverage of the opportunities in the Hydrogen business including techno-commercial aspects.

The program, as structured, would cover technical sessions by experts, followed by an assessment of the understanding from the technical session by the participants through an open interaction between the program director and experts for all related clarifications.

The program will help participants to gain knowledge about Hydrogen as an energy carrier, explore the Hydrogen value chain, and understand the integration of Hydrogen in various industrial sectors and equip them to evaluate opportunities and techno-economic aspects of the project opportunities.



- Hydrogen fundamentals and the global scenario
- Hydrogen production, electrolysers, and safety
- Hydrogen storage and transportation
- Hydrogen applications in different sectors
- Techno-commercial aspects
- Opportunities in Hydrogen

Program Director

Dr. Sanjay Danao

PhD (Tech) Chemical Engineering

Dr Sanjay Danao is an expert in all aspects of Hydrogen, Hydrogen Energy Systems, Fuel Cells, and Sustainable Development as an academician, Industry expert and researcher. He is distinguished as Faculty to Corporate houses like RIL, PCRA, HPCL, CSTPS, Amoli, TBIA, Amul, Bhushan Steel, Vishvaraj, Olam, etc and renowned Academic Institutions like SPPU, DBATU, and LIT. He holds PhD (Tech) in Chemical Engineering from ICT Mumbai under the supervision of Padma Bhushan Professor J B Joshi in Energy Conservation and B.Tech and M.Tech from LIT, Nagpur. He has organized Industrial workshops on 'Hydrogen Energy Systems: Electrolysers and Fuel Cells' in collaboration with CSIR-National Chemical Laboratory Pune and SPPU Pune to support the Hydrogen Professionals. He coordinated the BIBS Project sponsored by the German Federal Ministry of Education and Research (BMBF) Germany for skilling.



Participants

The program is specially targeted to and curated for

- MSMEs, evaluating or diversifying into renewable energy/hydrogen
- Serious entrepreneurs and Start-ups
- Executives of Corporates and Government Undertakings who are considering diversifications into the Hydrogen business and projects
- Owners of businesses evaluating opportunities for Hydrogen and interested to know of the possible opportunities and techno-commercial aspects
- Any Renewable Energy and Hydrogen champion

Program fees

Program fees - Rs 2000 + GST per participant

PHD Members - Rs 1500+ GST

Students - Rs 1000 + GST

Corporate and Government undertaking participation

2 to 3 Members from the same organisation – Rs 1500 + GST for each member

4 or more members from the same organisation – Rs 1250 + GST for each member

Registration

Prior registration is mandatory for participation. The seats are limited to 50 only and allocated on a first-come basis with payment of participation fees.

Registration and Payment link

<https://www.phdcci.in/events/workshop-on-green-hydrogen-value-chain/>

For registration and payment of more than one person from the same organization, please contact us directly for the payment details.

Scan Here



About the PHDCCI Centre of Excellence in Green Hydrogen

The Centre of Excellence in Green Hydrogen, established by the PHD Chamber of Commerce and Industry, is a remarkable facility that seeks to bring together the government, academia, and industry. The centre is the first of its kind in the country that caters to micro, small, and medium-sized enterprises (MSMEs) in the hydrogen sector, providing the necessary support to SMEs that are transitioning to green energy. Its objective is to create a hub for knowledge and capacity building, reaching out to MSMEs and aspiring workers throughout India's hydrogen value chain, fostering the development of an integrated hydrogen ecosystem and facilitating a transition to clean energy.



PHD CHAMBER OF COMMERCE AND INDUSTRY

About PHD Chamber of Commerce and Industry

PHD Chamber of Commerce and Industry, established in 1905, is a proactive National Apex Chamber working at the grass-root level and with strong national and international linkages. The Chamber acts as a catalyst in the promotion of industry, trade, and entrepreneurship. PHD Chamber, through its research-based policy advocacy role, positively impacts the economic growth and development of the nation. Regular interactions, Seminars, Conferences and Conclaves allow healthy and constructive discussions between the Government, Industry and International Agencies bringing out the vitals for growth. As a true representative of the Industry with a large membership base of 1,50,000 direct and indirect members, PHD Chamber has forged ahead leveraging its legacy with industry knowledge across sectors (58 industry verticals being covered through expert committees), a deep understanding of the Economy at large and the populace at the micro level. At the Global level, we have been working with the concerned Ministries, Embassies and High Commissions to bring in international best practices and business opportunities.

PHD Chamber has special focus on the following thrust areas:

- Economic & Business Policy Advocacy
- Industry
- Infrastructure
- Housing
- Health
- Education & Skill Development
- Agriculture & Agri-business
- ICT
- International Trade
- Defence & HLS
- Banking, Financial Services and Insurance

DIAMOND SPONSORS



PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSORS



For more details, please contact

Ms. Kanchan Zutshi, Sr. Secretary, PHDCCI, Email: kanchanzutshi@phdcci.in
Dr. Sibimol Luke, Joint Secretary, PHDCCI, Email: sibimol.luke@phdcci.in, Mob: 63630 11818