

"Series of Webinars by Eminent Speakers" on the Fourth Friday of every month

Dear Sir / Madam,

Greetings from Indian Chemical Council (ICC)!

You are already aware that under the auspices of the Technology & Energy Expert Committee, ICC is organizing a **"SERIES OF WEBINARS BY EMINENT SPEAKERS"** on the **Fourth Friday of every month** from **3.30 p.m. to 5.00 p.m.**

The Covid-19 conditions may have curtailed in person classroom training but not learning. Therefore, all these webinars will be held virtually. These lectures are delivered by eminent speakers and experts from Academia and Industry.

This Series of Webinars has already begun in January 2022. The FirstthreeWebinars in this series were held successfully on 28 January 2022on "2G Biorefinery" by Dr. Pramod Kumbhar from Praj Industries, on 25 February 2022 on "Transition to Hydrogen economy in India on the back of green and blue hydrogen" by Professor (Dr) R. R. Sonde, Indian Institute of Technology – Delhi and on 25 March 2022 on "Hydrogen via Aqueous-Phase Reforming (APR)" by Prof. (Dr) P. D. Vaidya, Institute of Chemical Technology (ICT).

The **Fourth** Webinar of this Series will be held **Virtually** on **Friday, 22 April 2022** from **3.30 p.m. – 5.00 p.m.** on **"HYDROGEN VIA ELECTROLYSIS OF WATER"**. The eminent speaker for this Webinar is **Mr. Ranga Rao N**, General Manager – Process and TIS (Technologies), Thyssenkrupp Industrial Solutions (India) Pvt. Ltd.

We are enclosing herewith the **Abstracts of all Topics** as well as the **Biodatas of all the Speakers** for your kind reference.

BACKGROUND:

The hydrogen future is here now. Demand for hydrogen technologies is rising given their potential to accelerate the transition to more sustainable forms of energy while still supporting current energy models with all their regional variations. Hydrogen is a zero-emissions source of fuel for trains, buses and cars. It can be used as a feedstock gas for industries such as chemical, refining and steel. In addition, it is a source of heat and power for buildings, and can buffer energy generated from renewable sources. Hydrogen offers compelling benefits. First and foremost, it supports a gradual transition towards lower-carbon sources of energy as it can be generated from natural gas and other non-renewable by-products. In addition, it can be used as an energy carrier; in other words, a medium to store energy from renewable and other sources.

Looking to the future, it can be generated at scale with a zero carbon footprint by using renewable energy such as solar or wind power, for instance, to split water (electrolysis).

OBJECTIVE:

The objective of these Webinars is to strengthen the concepts of the world’s latest technologies.

PROGRAM:

The schedule for the series of Webinars are as follows:

SR. NO.	TOPIC	SPEAKER	DATE	TIME
1.	2-G Biorefinery	Dr Pramod Kumbhar, Praj Industries	28 Jan 2022	3.30 p.m. – 5.00 p.m.
2.	Transition to Hydrogen economy in India on the back of green and blue hydrogen	Professor (Dr) R. R. Sonde, Indian Institute of Technology Delhi	25 Feb 2022	3.30 p.m. – 5.00 p.m.
3.	Hydrogen via Aqueous Phase Reforming (APR)	Professor (Dr) P. D. Vaidya, Institute of Chemical Technology (ICT)	25 Mar 2022	3.30 p.m. – 5.00 p.m.
4.	Hydrogen via Electrolysis of water	Mr. Ranga Rao N General Manager – Process and TIS (Technologies) THYSSENKRUPP INDUSTRIAL SOLUTIONS (INDIA) PVT. LTD.	22 Apr 2022	3.30 p.m. – 5.00 p.m.
5.	Advanced Energy Storage Manufacturing Opportunities: Policy, Technology & Market Drivers for India	Dr Rahul Walawalkar, India Energy Storage Alliance	27 May 2022	3.30 p.m. – 5.00 p.m.
6.	ESG (Environmental, Social, and	Dr. Richard Lobo, Tata Chemicals Ltd.	24 Jun 2022	3.30 p.m. – 5.00 p.m.

	Governance) Innovations in the Energy Storage / Electric Vehicle Sector			
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WHO SHOULD ATTEND?

Industry professionals including Senior Managers and Executives, Engineers working in Plants, EHS professionals, Students currently pursuing their degree in Chemistry/Chemical Engineering, recent recruits in the chemical Industry.

REGISTRATION FEES:

- **Fees for ICC Members & Non Members for each Webinar:** Rs. 1180/- per delegate (Rs. 1000/- plus 18% GST)
- **Fees for Students for each webinar:** Rs. 590/- per delegate (Rs. 500/- plus 18% GST)

Please note:

- 1. Student's fees will be applicable only after producing college Identity Cards.***
- 2. Only one attendee per registration will be allowed.***
- 3. Participants should keep their video on while attending the webinar***
- 4. On receipt of payment, link for joining the Webinar will be sent to delegate/s***

Kindly send details of delegates as given below:

Name of the Participant/s & Designation	Email id	Mobile No. / Tel No.
Name of the Organization/Institution:		

Address	
GST No. of the Company	

Please tick the appropriate box/es against the respective Webinar/s in which you would like to participate.

SR. NO.	TOPIC (OUTLINE)	DATE	TIME	Please tick appropriately (✓)
2.	Hydrogen via Electrolysis of water	22 Apr 2022	3.30 p.m. – 5.00 p.m.	
3.	Advanced Energy Storage Manufacturing Opportunities: Policy, Technology & Market Drivers for India	27 May 2022	3.30 p.m. – 5.00 p.m.	
4.	ESG (Environmental, Social, and Governance) Innovations in the Energy Storage / Electric Vehicle Sector	24 Jun 2022	3.30 p.m. – 5.00 p.m.	

Kindly remit Registration Fee for Series of Webinars to our Bank Account, for which details are given below:

BANK DETAILS:

Bank of Baroda, Horniman Circle Branch, Mumbai
C/A No. 27940200000736, Branch Code: 2794,
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GST No.: 27AAACI0359P1Z9

NOTE: Please mention your GST number clearly while sending nominations.

We request Members and Institutions to not miss this opportunity and take advantage of this series of webinars by deputing Personnel / Students from your Organisation / Institution for these important Webinars. Please send registration to **ICC-Mumbai via e-mail (iccmumbai@iccmail.in / events@iccmail.in) on or before Thursday, 21 April 2022**

Thanking you,

Yours faithfully,

S. JAIKUMAR
Secretary General

INDIAN CHEMICAL COUNCIL

Registered Office & National Headquarters:

SIR VITHALDAS CHAMBERS

16 MUMBAI SAMACHAR MARG

MUMBAI - 400 001

Tel: 61144000, 22048043

Email: iccmumbai@iccmail.in

URL: www.indianchemicalcouncil.com

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