ONLINE TRAINING PROGRAM ON

LOW CARBON PATHWAYS FOR INDUSTRIAL SECTORS

Date: **February 14 – 26, 2023** | Last date to apply: **January 31, 2023**

Course Fees: ₹**3,500 (For Indian Participants) and US$ 100 (For Global Participants)**

*PARTICIPANTS WILL BE AWARDED WITH A "CERTIFICATE OF COMPLETION" ON SCORING 50% MARKS IN THE QUIZ

India is the third largest GHG emitter in the world after China and the US. India's power and industrial sector are the major contributors to its greenhouse gas emissions. Therefore, there is a compelling need to avoid the high carbon growth trajectories from these sectors. In COP26 India promised to reduce carbon intensity of its GDP by 45 per cent and increase its non-fossil electricity production capacity to 50 per cent by 2030.

To reach these ambitious goals, the capacity of industry professionals and various stakeholders should be strengthened with the right understanding and knowledge of various decarbonisation pathways. Considering this need, CSE has designed an online training programme which aims to cover the critical aspects of decarbonisation such as circularity, resource efficiency, carbon capture, utilization and storage and transition to alternate cleaner fuels.

The course will be conducted on Moodle Platform where participants will be provided with reading / audio-visual training material which they are expected to self-study. The course material will be for the duration of 2-3 hrs/day.

LEARNINGS FROM THE PROGRAMME:

- Understanding the need for power sector and energy-intensive industrial sectors to accelerate low carbon growth for India to meet 2030 target
- Role of cleaner fuels such as biomass, gas and hydrogen for hard to abate sectors to replace dirty fuel
- Role of circularity to reduce GHG emissions from industrial sector
- Role of renewable energy to reduce the burden of coal power
- Knowledge on scope of carbon capture, utilization and storage
- Understanding of the international and domestic finance availability for decarbonisation technologies in industries

TARGET PARTICIPANTS:

- Professionals, consultants and decision makers from government and non-government institutions
- Academicians and Researchers working in the field of Sustainability and GHG reduction in industries

COURSE COORDINATOR

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