As India’s economy grows, consumer demand grows correspondingly, propelling the rapid development of its industries. This surge in industrial activity inevitably leads to heightened requirements for energy and raw materials. Key sectors like iron and steel, cement, aluminium, and fertilizers, among others, significantly contribute to the nation’s greenhouse gas (GHG) emissions and are projected to escalate further. To align with India’s commitment to reduce GHG intensity by 45% below 2005 levels by 2030, substantial interventions and actions are imperative.

Additionally, international initiatives like the Carbon Border Adjustment Mechanism (CBAM) add pressure on Indian industries to embrace low-carbon production methods to maintain competitiveness globally. Industry stakeholders must devise a holistic strategy, encompassing visionary and pragmatic approaches to fully leverage each sector’s potential in mitigating carbon emissions.

In this regard, the Centre for Science and Environment (CSE) has designed a four-day training course to equip industries, consultants, regulators and related professionals with the right knowledge and skills to accelerate low-carbon pathways for industrial sectors to meet their sustainability goals. The course covers critical low-carbon pathways such as circularity; resource efficiency; transition to alternate cleaner fuels; carbon capture, utilization and storage; and market mechanisms and financing which will help stakeholders chalk out future implementable decarbonizing pathways for their respective industrial sectors.

**RESIDENTIAL TRAINING PROGRAM ON LOW CARBON PATHWAYS FOR INDUSTRIAL SECTORS**

**DATES: JULY 2-5, 2024**
**LAST DATE TO APPLY: JUNE 20, 2024**

The programme is extremely useful for the State Climate Change Cell of Odisha. The low carbon pathways will help in strategizing the State Action Plan on Climate Change to focus on the Multi Sectoral approaches in policy framing through decarbonization of different developmental activities in the state which ultimately addresses the goals of NDCs and SDGs. - Sujeet Kumar Sahoo, Scientist, State Climate Change Cell, Forest, Environment and Climate Change Department, Government of Odisha

The training programme is great for industry personnel doing research & development, exploring means for low-carbon pathways - Shashank Tandon, Assistant Manager, National Fertilizer Limited

The faculties, facilities and the campus, every thing about the programme was wonderful - Vineet Mhatre, Sr. Engineer, Munsters India Humidity Control Pvt. Ltd.

The experts who visited and the carefully curated lectures on industries is highly appreciated - Shrutee Ganguly, EHS- Corporate Sustainability & ESG Solutions, Satho Consulting

**TARGET PARTICIPANTS**
- Professionals, consultants and decision-makers from governmental and non-governmental institutions
- Working professionals from industrial sectors
- Academicians and researchers working in the field of sustainability and GHG reduction in industries

**LEARNINGS FROM THE PROGRAMME**
- Accelerating low-carbon growth in India to meet our NDC and net zero target
- Feasibility of cleaner fuels such as biofuels, natural gas and hydrogen
- Role and scope of energy efficiency
- Role of resource efficiency and circularity in reducing GHG emissions
- Understanding sector-specific measures to reduce GHG emissions
- Role of renewable energy in reducing thermal power
- Feasibility of carbon capture, utilization and storage in India
- Tackling the challenge of CBAM in Indian industries
- Role of carbon markets in enabling low-carbon technology
- Environmental compliance for BRSR
- Scope of climate/green financing options for implementing cleaner technologies in industries
- Discussion and interaction with national and international sector experts

**COURSE FEE**
Rs 28,000

Course fee entails lodging, boarding and training kit costs. It does not cover travel costs from your respective location to Delhi and back.

*The course will offer sponsorship to professionals from government ministries and departments*

**FEEDBACK FROM PAST PARTICIPANTS**

- Really liked the information on different industrial sectors and the overall content quality and depth of research. - Nilesh Lunawat, Manager- Sustainability, ITC
- The training programme is great for industry personnel doing research & development, exploring means for low-carbon pathways - Shashank Tandon, Assistant Manager, National Fertilizer Limited
- The faculties, facilities and the campus, every thing about the programme was wonderful - Vineet Mhatre, Sr. Engineer, Munsters India Humidity Control Pvt. Ltd.
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**COURSE COORDINATOR**
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**LINK TO REGISTER AND PAY**