Countries are actively discussing setting up targets for doubling energy efficiency by 2030. As an emerging economy, India also continues to scale climate mitigation efforts. The country's manufacturing industries and power sector together contribute more than 85 per cent of our total GHG emissions, along with contributing to the poor air quality in Indian cities. Concurrently, Indian companies are also coming up with net-zero targets.

This necessitates the need for energy management and optimization in industries/organizations to reduce fuel consumption and subsequent costs incurred from energy consumption and carbon emissions. An energy audit is a tool that helps industry/organization/commercial buildings like hotels optimize energy use, identify energy losses and take opportunities for emission mitigation.

In this regard, the Centre for Science and Environment (CSE) is organizing a 12-days online course designed to offer a thorough understanding of energy management and auditing and its various elements. The training aims to enable professionals to not just reduce energy costs but also improve the overall environmental performance of the entity. With the skill set provided in this training, an energy professional can assist the entity in preparing a roadmap that will help them to be one step ahead in energy efficiency, emission reduction and the country’s overall climate ambition.

**LEARNINGS FROM THE PROGRAMME:**
- Energy efficiency and climate change, understanding GHG emission mitigation
- Understanding the fundamentals of energy management and audit
- Data collection, auditing and management with sector-wise case studies
- Analysing energy consumption in a facility and establishing energy balance
- Performance assessment of different electrical and thermal utilities
- Understanding the features of energy consuming systems and energy savings opportunities

**COURSE FEES**
- ₹3,500 for Indian nationals
- US$ 100 for foreign nationals

**WHO CAN APPLY**
- Government officials
- Representatives from industries, commercial buildings like hotels
- Academicians, researchers, consultants and professionals working on the issue

**MODE OF TRAINING**
The course is designed in a manner such that participants can attend it along with their regular work. The course will be conducted on the Moodle Platform where participants will be provided with reading/audio-visual training material which they are expected to self-study at their own convenience. Live online sessions will be organized with experts for Q&A and further discussions. The course material will be for 12 days with a duration of 2–3 hrs/day.

**COURSE COORDINATOR**
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