

## **Webinar Title: “ ENERGY CONSERVATION MEASURES FOR ENHANCING ENERGY PERFORMANCE AND IMPROVING PRODUCTIVITY”**

**Registration Fee (including GST):- Rs 99/-**

**About Webinar (Brief One para): -**

Energy conservation is the effort made to reduce the consumption of energy by using less of an energy service. This can be achieved either by using energy more efficiently (using less energy for a constant service) or by reducing the amount of service used (for example, by driving less). Energy conservation is a part of the concept of Eco-sufficiency. Energy can be conserved by reducing wastage and losses, improving efficiency through technological upgrades and improved operation and maintenance. Energy conservation involves using less energy by adjusting your behaviours and habits. Energy efficiency, on the other hand, involves using technology that requires less energy to perform the same function.

There is a need to adopt energy conservation measures and use of energy efficiency in utilization of energy in different sectors of the economy to fuel global economic growth. A strategy that emphasizes energy efficiency is the most economically and environmentally sensible way of meeting the objectives of providing energy for sustainable development, improving productivity and avoiding dangerous interference in the climate system. Energy efficiency can generate nearly immediate results with existing technology and policies and do so while generating strong financial returns. Efforts to promote efficient use of energy in the past have been limited in scope yet have driven significant energy and economic savings. An ambitious strategy to remove further barriers to efficiency will address both the energy and climate challenges.

This webinar shall cover best energy conservation practices for enhancing energy performance for improving productivity.

**Webinar Coverage: -**

- Understanding the concept of energy conservation
- Climate Change, Global Warming and its ill Effect
- Need to adopt renewable energy which is clean and green.
- Potential of energy conservation and energy efficiency.
- Best practices of energy conservation in different sectors of economy.
- Various energy conservation measures for improving productivity.
- Energy Conservation Act, 2001
- Energy Conservation Building Code and its implementation
- Important Energy Conservation Tips
- Case studies on energy conservation.

**Speaker Profile (Brief One Para & Photograph):** - Er. Balkar Singh is an Advisor (Energy Efficiency), having Professional Experience more than 32-year (Technical, Managerial and Academic) in the field of Civil Engineering, Renewable Energy, Energy Efficiency, Construction Technology & Management, Green Building, ECBCs, Energy Auditing. He is Former Joint Director, Punjab Energy Development Agency, Chandigarh. Recipient of State Award "Punjab Govt. Parman Patra" for his exemplary services rendered in the field of Science and Technology. He has been honoured with "Distinguished IEI Graduate Engineer" Award by the Institution of Engineers (India). He is Honorary Co-Chairman, Green & Eco-friendly Movement Punjab Chapter. He possesses degree in ME(CTM), M.Sc. (IT) and Certified Energy Auditor. Fellow of The Institution of Engineers (India), Member of ASHRAE, ISHRAE and SEEM. He has international exposure of Japan and Germany. Published 15 national and international research papers and made more than 110 presentation on green building and energy efficiency.

**Register to learn (Key Learning's' in bullet points):**

- Understanding the concept of energy conservation
- Improving productivity by adopting energy efficiency measures.
- Various energy conservation interventions in different sectors.
- Improving environment by adopting renewable energy.
- Instruments and codes for improving energy performance of buildings.
- Learning through case studies on energy conservation.
- Best Energy Conservation Practices.

**Date: - 18.02.2021**

**Time Slot: - 3.30 pm to 5.00 pm (one hour thirty minutes)**

**Thanks, and regards**

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