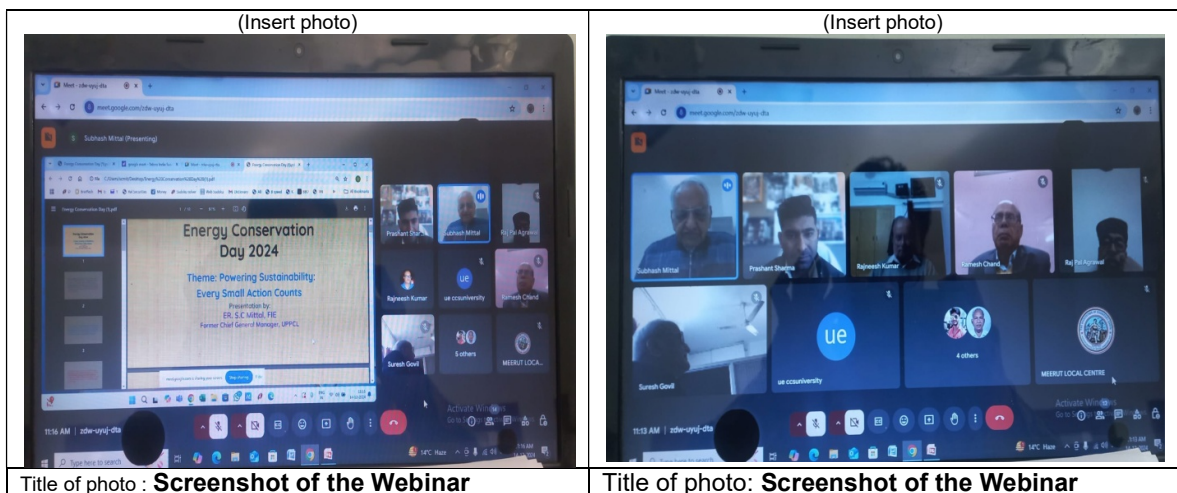


TECHNICAL ACTIVITY CARRIED OUT BY CENTRES

Name of Centre		Meerut Local Centre	
Title of Activity:	Energy Conservation Day		
Activity under Divisional Board	Statutory Days		
Date:	14-12-2024	Venue:	Online of Google Meet



Brief Report :-

The Meerut Local Centre, Institution of Engineers (India), Kolkata, organized a webinar on 14th December 2024 on the occasion of **Energy Conservation Day** under the **chairmanship of Er. R.P. Agarwal, Chairman of LC Meerut**. The event was convened by **Er. Prashant Sharma**.

Er. S.C.Mittal Former Chief General Manager UPSEB (Now UPPCL), as a Keynote speaker and also the Hony. Secretary Local Centre Meerut, delivered a presentation on the webinar commemorating Energy Conservation Day celebrated nationally. The **theme** for this webinar is **“Powering Sustainability – Every Action Counts”**.

While delivering a presentation on energy conservation, Er. Mittal first explained the meaning of "powering sustainability." He emphasized that energy should be generated responsibly, ensuring minimal impact on the environment, and that future energy resources should not be depleted.

He elaborated on the challenges we are currently facing:

1. Deforestation.
2. Overpopulation.
3. Water scarcity.
4. Ozone layer depletion.
5. Habitat destruction.
6. Pollution.

Er. Mittal insisted on using LED (Light Emitting Diode) bulbs instead of incandescent lamps or fluorescent tubes. He highlighted that using LED bulbs can save up to 85% of energy compared to incandescent bulbs.

He further suggested practical measures such as:

1. Using timers for water tanks.
2. Installing solar water heaters instead of geysers.
3. Using solar cookers instead of gas stoves.
4. Painting walls in light colors.
5. Installing photoelectric control switches for streetlights.

Er. Mittal also emphasized the need for sustainable transportation by using solar energy, encouraging carpooling and promoting cycling.



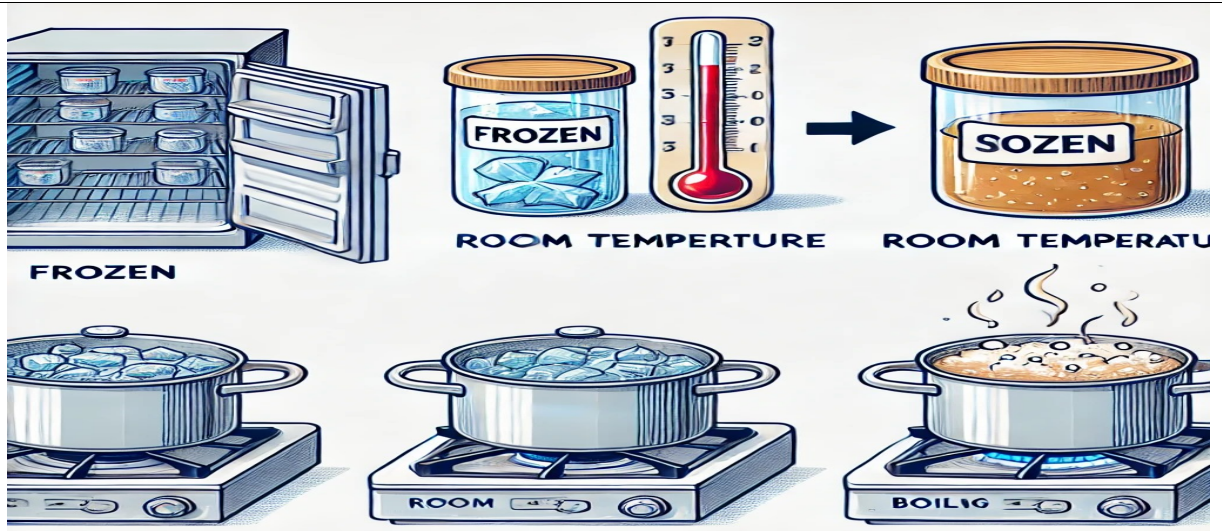
He mentioned that the Bureau of Energy Efficiency (BEE) was established on 1st March 2002 under the provisions of the Energy Conservation Act, 2001 of Central Government of India.

Key contributions of BEE include:

1. Providing star ratings for appliances.
2. Reducing carbon footprints.

He also described the difference between Energy Conservation and Energy Efficiency briefly thru a presentation highlighting so many points. A True or False Quiz was also organised by Er. Mittal for all attendees to understand quickly about Energy Conservation and Energy Efficiency.

He also focused on how we can aware, Individuals, Industries, Institutions, about energy conservation. In his presentation he focused on need, cause and significance of this Day.



Er. Mittal concluded by highlighting the importance of driving a collective campaign to raise awareness about energy conservation.

Some of our esteemed members also presented their views about conservation of energy.

In the end **Er. S.C. Mittal** Hony. Secretary, Meerut Local Centre, Institution of Engineer's (India) presented **Vote of Thanks**.