

APRIL 21, 2023



PROMOTION OF ENERGY LITERACY TRAINING

ENERGY SWARAJ FOUNDATION

NBRI-EIACP PROGRAMME CENTER
ENVIRONMENTAL INFORMATION, AWARENESS,
CAPACITY BUILDING AND LIVELIHOOD PROGRAMME

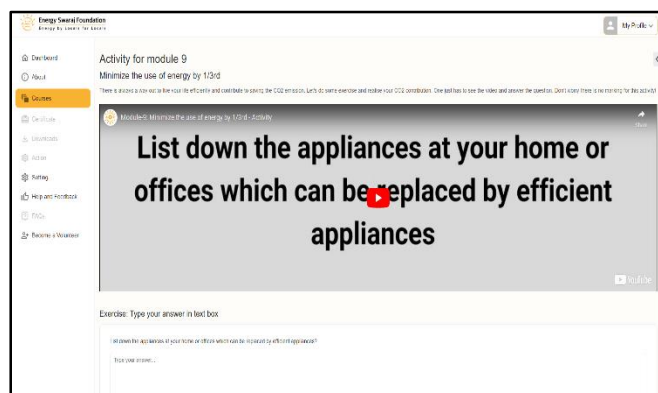
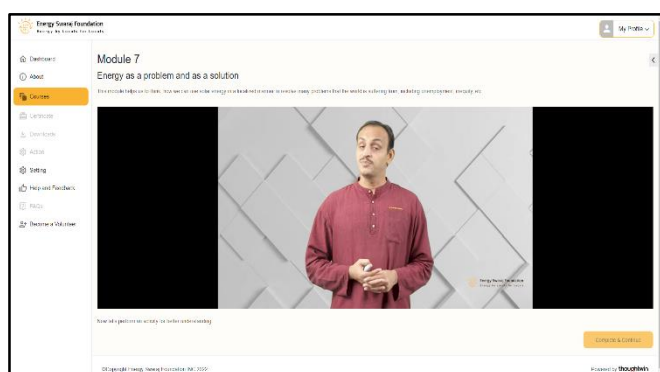
CSIR- National Botanical Research Institute, Lucknow

ENERGY LITERACY TRAINING

Energy Literacy Training Climate change is real. It is mainly caused due to the overuse of fossil fuels – coal, oil, and gas. Currently, 80-85% of the world's energy needs are being fulfilled with fossil energy. The Intergovernmental Panel on Climate Change (IPCC) suggests that we need "drastic" and "immediate" changes in energy use patterns.

All India Council for Technical Education is collaborating with the Energy Swaraj Foundation for encouraging students to take up Energy Literacy Training, which is the need of the hour to take corrective action against *climate change*. The training helps people in understanding energy, its generation and consumption, where it comes from, how much we use, how much we waste, what is the impact on the environment, how can we avoid and minimize the usage, what are alternatives, how can we be carbon neutral and how to adopt solar energy solutions.

The instructor of the programme is **Prof. Chetan Singh Solanki**, a renowned solar scientist, and a professor at IIT Bombay, Dr. Solanki has been referred to as the “**Solar Man of India**” by Times of India, The Hindu and India Today.



NBRI-EIACP participated in the awareness regarding Energy literacy and promoting the AMG concept. i.e. Avoid the use of energy, Minimize the use of energy and Generate energy for locals by the locals. The motto behind Energy literacy is to bring confidence in the use of solar power and make people/ community energy independent. It will play a significant role in mitigating climate change and reducing our carbon footprint. A total of **260** staff, research scholars and students from CSIR-NBRI registered for this training, while **135** of them, successfully completed the course and achieved certificate for the same.

By adopting means to save electricity through energy-efficient appliances one can reduce carbon footprint by 40-60%. **NBRI-EIACP Co-Coordinator Dr. Anju Patel** (*Scientist*) has actively participated in the literacy training and motivated students and the general public to take participation in energy literacy which may help in reducing the carbon footprint in the environment.

EIACP team members **Ms. Isha Singh** (*Information Officer*) and **Ms. Saumya Shukla** (*IT Officer*) also participated in the literacy training along with students. In the end, all get benefitted to know the individual role in reducing carbon load and get to know to calculate the cost of installing solar panels on their rooftop. Many misconceptions related to the efficacy of solar energy get cleared and all the participants were delighted to know the facts and individual responsibility for mitigating climate change.

Certificates of Energy Literacy

