

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.

Link for the Energy Literacy Training: learn.energyswaraj.org

Why is such training required?

The Energy Literacy Training is required for the following reasons:

1. 80-85% of the energy comes from fossil fuels hence we need to become conscious users of energy
2. As climate change is happening at an unprecedented rate, hence we need to mitigate its catastrophic effect
3. To Become responsible citizens of the Planet Earth and ensure a sustainable future generation

Highlights of the training:

The Energy Literacy Training is conceptualized on 4 E's namely - **Establishing** the concept of a given module, **Example** to clarify the module concept, **Exercise** for strengthening the grasping of concept and **Examination** - to check the understanding of the concept, 5 multiple choice questions (MCQ)

The highlights of training are:

- This training program is available in English and Hindi (soon it will be available in multiple languages)
- Training is imparted through 12 modules of 12-15 minutes each
- Each module has an activity or exercise related to the concept
- Training is FREE of cost!
- The entire training program spans from 3 to 5 hours
- Training can be undertaken at their own pace in the online mode
- E-certificate will be given to successful participants who score 60% or above

The expected outcome of training:

It is expected that after going through these modules, a person would get a good understanding of energy generation and consumption. They will be well-versed with

- How much energy is being used, from where the energy is coming from?

- What is their carbon footprint?
- What are the impacts of energy use on the environment?
- What are energy alternatives?
- What are the best approaches for energy generation and consumption?
- What would be the size of the solar system for fulfilling their own needs?

Energy Literacy training can help in reducing the Electricity Bill by at least 10%.

Steps for enrolling in Energy Literacy Training

1. Enroll in the “**Energy Literacy Training**” course by filling the registration form at https://bit.ly/energy_literacy (English Version) or bit.ly/energy_literacy_hnd (Hindi version)
2. Email Confirmation for the “Energy Literacy Training” course enrolment will be received on your registered email ID. Upon enrolment, you can start the course.
3. Watch all the videos, attempt the exercises, and do simple quizzes. Not that: exercises will not carry any marks, only quizzes will carry marks.
4. All the modules have a passing percentage of 60% with **only 2 attempts per module**. Participants will be able to move forward to the next module only if they clear the quiz with 60%. Else, the learning will be paused.
5. Upon receiving the passing percentage of 60% in the quizzes of each of the modules, an **e-certificate will be available for download** on the portal.

Video for enrolling in Energy Literacy Training - https://youtu.be/X-Llat1rw_M