



DELHI TECHNOLOGICAL UNIVERSITY

(Estd. by Govt. of Delhi vide Act No. 6 of 2009)

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Main Bawana Road, Delhi-110042

Tel: +91-11-27296337, Fax: +91-11-2787 1023

ACADEMIC (UG) SECTION

F. No. 105 (632) DTU/Acad-UG/2018-19/12573-85

Dated 16/3/22

CIRCULAR

Subject : Energy Literate Training for Students.

All India council of Technical Education is collaborating with Energy Swaraj Foundation, a not-for-profit organization to spread the Energy Literacy Mission to make students energy Literate.

The training helps people in understanding energy, its generation, consumption, wastage, carbon footprint, impact on the environment, means to avoid and minimize energy usage, alternative energy solutions, ways to become carbon neutral, misconceptions on solar energy, and approaches to adopt solar energy solutions.

A detailed letter regarding highlights and steps to participate in the Energy Literacy Training received vide AICTE letter no. AICTE/FDC/Energy Swaraj/2022 dated 03.03.2022 is enclosed, herewith for your information & further necessary action please.

Students may visit following links for brief details of training at https://bit.ly/energy_literacy. In case of any queries, please write to training@energyswaraj.org.

(Prof. Rajeshwari Pandey)
Associate Dean Academic (UG)

Enclosure: As above.

F. No. 105 (632) DTU/Acad-UG/2018-19/12573-85

Dated 16/3/22

Copy to:

1. PS to the VC for information to the Hon'ble Vice Chancellor, DTU
2. Registrar, DTU
3. All Deans
4. All HODs: With the request to arrange display on deptt. notice boards and give wide publicity among students.
5. COO & Head (CC); With the request to under scholarship page on DTU website.
6. Librarian
7. Chief Warden: With the request to arrange display on deptt. notice boards.
8. Director Physical Education
9. Head (T & P)
10. DR (A/c's)
11. Notice board Academic UG
12. Guard file.

(O.P. Singh)
S.O. Academic (UG)



सत्यमेव जयते

अखिल भारतीय तकनीकी शिक्षा परिषद्

(भारत सरकार का एक सांविधिक निकाय)

(शिक्षा मंत्रालय, भारत सरकार)

नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

दूरभाष : 011-26131498

ई-मेल : chairman@aicte-india.org

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(A STATUTORY BODY OF THE GOVT. OF INDIA)

(Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Phone : 011-26131498

E-mail : chairman@aicte-india.org

प्रो. अनिल डी. सहस्रबुद्धे

अध्यक्ष

Prof. Anil D. Sahasrabudhe

Chairman

F.No. AICTE/FDC/Energy Swaraj/ 2022

Dated: 03.03.2022

Subject: Energy Literate Training for Students

Dear Sir/Madam,

Everyone is a user of energy and hence a contributor to climate changes, hence each one of us must be part of the climate corrective actions. Becoming energy literate and sensitive towards its generation and use is the first step in climate correction.

All India Council of Technical Education is collaborating with Energy Swaraj Foundation, a not-for-profit organization to spread the Energy Literacy Mission to make students Energy Literate.

The training helps people in understanding energy, its generation, consumption, wastage, carbon footprint, impact on the environment, means to avoid and minimize energy usage, alternative energy solutions, ways to become carbon neutral, misconceptions on solar energy, and approaches to adopt solar energy solutions.

Highlights of the 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.

Following are the steps to participate in the 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. Note 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.

All colleges are requested to encourage their students to take the Energy Literacy Training Program. In case of any queries, please write to training@energyswaraj.org

Regards,

(Prof. Anil Sahasrabudhe)

Brief Details of the 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