

Policy Number: DSCET/IQAC/006

**DHANALAKSHMI SRINIVASAN
COLLEGE OF ENGINEERING AND TECHNOLOGY**

Energy Usage Policy

Approval Date : 23rd April 2021

Governing Body Resolution : 23rd April 2021

Issued for Implementation : 26th April 2021

Objectives:

Ensuring access to clean and affordable energy is essential for economic and human development. The policy intends to sensitize and guide the students, teachers and other employees in optimising energy use in the campus.

Scope:

Energy is vital for every form of work and the Dhanalakshmi Srinivasan College of Engineering and Technology is conscious of its responsibility on this issue of saving energy. The college encourages and practices the optimum utilization of energy. Use when necessary and put off the use when work is over or when not necessary is the philosophy.

Energy management cell constituted by the college is responsible to take initiative to promote optimising energy use and periodic monitoring of energy use. The college encourages research on the methodology and reducing energy use for various activities.

The alternate to electricity through renewable and sustainable energy sources are encouraged. Tapping of solar energy is an alternate method.

The following good practices are advocated:

- ✓ Maximum use of natural day light for indoor illumination.
- ✓ Use of natural ventilation.
- ✓ Use of timer switches to street light control
- ✓ Use of timer switches in class room
- ✓ Good Housekeeping practices.
- ✓ Fine tuning of temperature setting of Air conditioners and Water coolers

Guidelines and salient features:

- **Administrative Measures:**
 - Constituting Energy Management Cell who would be responsible to take initiative to look after / manage the energy use in campus. Energy

Management Cell may be constituted with Head of The Electrical Engineering as the chief. Other members including members from maintenance staff may be included.

- Culture of switching off should be developed.
- Conducting Energy Use Audit Periodically to identify the areas of improvement.
- Implement / address the issues identified during Energy Use Audit.
- **General Principle for Optimising Energy Use in the Campus:**
 - Explore the feasibility of using alternative source of energy such as solar (other than electricity).
 - Optimising the use is the philosophy.
 - Phasing out of conventional bulbs and tubes with LED.
 - Placing sensors at strategic points for automatic power cut when the persons are not using the facility like rooms, bath room etc.
 - Encouraging people to switch off fans / light etc when they are going out of the room.
 - Using AC at optimise temperature and switching off when not necessary.