

*ENERGY USAGE / CONSERVATION POLICY*



*AL - AMEEN COLLEGE*  
*EDATHALA, ALUVA*

## **Preamble**

Energy conservation refers to the methods of reduction in energy consumption by way of elimination of wastage and promotion of efficiency. Energy conservation is the key element of energy management. We can reduce the energy consumption by adopting various ways of energy conservation which includes efficient use of technologies and avoiding energy wastages.

## **Energy Usage/ Conservation Policy:**

### **Objectives:**

1. To reduce greenhouse gas emissions due to energy consumption.
2. Use of energy efficient lamps where ever possible like corridors, toilets etc.
3. use of energy efficient equipment's in laboratories/ classrooms/ canteen, this can range from air – conditioners, refrigerators, condensers etc
4. Water conservation through rain water harvesting and open well charge system.
5. Conduct Energy Audit periodically and systematically so as to reduce carbon foot print and also to identify wastage of energy if any.
6. Promote the principle of Reduce, Reuse and Recycle.
7. To create awareness among students, staff and public regarding greenhouse emissions and carbon foot prints and energy conservation.
8. Allowing maximum scope for natural ventilation while constructing and maintaining buildings so as to save energy usage.
9. Replacement of conventional lighting facilities to energy efficient lamps.
10. 100% use of renewable energy.

### **Energy conservation campus initiatives:**

- Energy conservation awareness drives undertaken by Department of Physics, Nature club etc.
- Encouraging students, teachers as well as non-teaching staff to minimise use of electricity.

- Organising various competitions like poster making, essay writing, painting, poetry and other literary works to highlight importance of energy conservation.
- Arrange various expert talks, seminars, workshops etc. to instil young minds with the importance of energy usage and conservation.
- Replacement of conventional lighting system with LED bulbs and tubes.
- Use of Solar energy.
- Use of natural ventilation wherever possible
- Making and selling LED bulbs and tubes by Physics Department
- Training Kudumbasree members of the locality to assemble LED bulbs and tubes.
- Energy conservation and protection talks are organised outside the campus to the public.
- Conduct of regular external and internal energy audits by students and staff.