



KONGU ARTS AND SCIENCE COLLEGE
(Autonomous)



ENERGY CONSERVATION POLICY



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Preamble

Energy plays a major role in the development of the Nation as well as the organisation. Energy conservation awareness at all level is important to engage and involve all stake holders in energy management program. The institution aims to promote awareness related with energy conservation among students. Energy Audit is important to identify energy conservation potential and gives an idea about energy cost reduction. Utilizing less energy is not a choice but should be a consistent practice for conserving energy. To conserve energy, various measures such as energy and environment audit have been implied as a practice. Energy audit in our institution is done every year. Our energy audit focuses to identify the judicious usage of electrical and thermal energy (where, when, why and how energy is being utilized).

Energy Conservation Practices:

- The Institution has installed Solar Power Plant towards energy conservation. For this purpose, renewable energy resource of Solar Power Plant has been instilled. Overall Energy Generation for the last 5-Years is 4,51,096 kWh from Solar panels located in the roof tops of Main block and BCA block.
- Annual Energy audit is made mandatory
- Nearly 12 Solar Lights are instilled within the campus
- The Institution has adopted the training of utilizing all tactics for conservation practices by replacing all tube lights and bulbs with LED tubes and LED bulbs (1440 numbers) which are known for energy efficiency. The entire campus is completely free from incandescent and sodium vapor lamps.
- The Institution continuously creating awareness among the students on Energy conservation practices and insisting to diminish the consumption of electricity through turning off all lights, and appliances are not in use. Computer labs and departments are taking care of conservation by keeping computers and laptops in sleep mode when not in use.

Raising Awareness on Energy Conservation:

Continuous efforts have been put forth by instilling inventory practices to conserve energy by all means. Energy conservation awareness programmes have been arranged to the student community by eminent personalities from Energy Science Departments for inculcating the necessity and requirement of this practice.

The Institution motivates the students to execute projects on energy conservation, recycling and energy reduction which could enhance the holistic development of the students.

World Energy Conservation Day (December 14) is celebrated regularly and awareness programmes such as rallies and demonstrations have been carried out as outreach activities. Nearby school children are made aware by distributing LED bulbs and educating awareness on energy conservation as a prominent practice.

Save Energy TIPS to be followed:

- Activate power management features on computer and monitor so that it will go into a Low power“sleep” mode when the students and staff are not working on it.
- Turn off the monitor when the students and staff leave the lab.
- Activate power management features on laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED or compact fluorescent bulbs.
- Keep lights off in conference halls, classrooms, seminar halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips