

**SAGAR INSTITUTE OF RESEARCH & TECHNOLOGY,  
BHOPAL (MP)**



**ENERGY CONSERVATION POLICY**

Rules and Regulations



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## Introduction:

To promote environmental consciousness and holistic development of students, Sagar Institute of Research & Technology, has adopted Energy Conservation Policy for an "Environment of educational excellence." The institution aims to realistically and comprehensively reduce energy consumption, assure acceptable indoor air quality and improve energy efficiency on campus through methods that are consistent with a safe, secure, and Eco-conscious campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach to providing energy efficient, responsible, and cost-effective operations on campus

Preliminary consciousness about energy conservation is maintained by having well ventilated building structure. SIRT building is aligned in such a way that most of the classes and labs are illuminated by natural light and we don't need to lit electricity for it.

## Objective:

- Promote the principles of reduce, reuse and recycle of energy.
- To create awareness among the stakeholders regarding the greenhouse emissions due to unrestrained consumption of energy.
- Efficient use of the available resources without wastage.
- Harness and preserve renewable energy resources like water, sunlight and biomass to achieve energy independence.
- To develop strategies to counter the rising energy demands of our times.

## Energy Conservation committee

### Constitution:

1. Head of the committee will be a Professor nominated by Director of the Institute.
2. Members of the committee will be 3 senior faculty members nominated by Director of the Institute.

### Frequency of meeting:

- Beginning of Academic session or as and when required.



## Energy Conservation Practices:

- SIRT has developed a plan to save energy at the institution level with time-bound plan to wards energy conservation. Thus the institution has adopted a mechanism to use renewable energy and install 160 KWH Solar Power Station. This not only enables the institute to have 24x7 power supply but also ensures that renewable energy is used to meet considerable degree of power requirement, thus subscribing to Environmental Sustainability.
- Our Energy conservation practices include the College replacing all tube lights with LED tubes, LED bulbs being the most energy efficient lighting option. LED tubes use 75% less electricity than incandescent tubes (Energy Star). LED tubes last about 25 times longer than traditional incandescent tubes. 100 percent of lighting requirement is met through LED
- Energy conservation practices and eco-friendly habits are inculcated among students and staff through cautioning them about simple things which are really effective to reduce Electricity Consumption like students and staff turning off all lights, appliances and electronics not in use.

## Energy Saving TIPS:

- 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 table.
- Activate power management features on computers
- 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.
- Turn on power saving mod in all appliances.

*Ran*  
DIRECTOR  
Sagar Institute of Research & Technology  
Bhopal-482041 (M.P.) India

