Kammavari Sangham (R) 1952
K.S. GROUP OF INSTITUTIONS
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Energy Conservation Policy Document

PREAMBLE:

In order to endorse and support environmental awareness and holistic development of students, K S Institute of Technology has adopted "Energy Conservation Policy" for the purpose of making environmental concerns a way of life. This institution aims in creating a healthier environment to realistically and comprehensively reduce energy consumption by assuring acceptable indoor air quality and improve energy efficiency on campus through methods that are reliable with a safe, secure, and eco-conscious campus. Energy conservation shall be accomplished by developing a proactive and progressive approach towards providing energy efficient, responsible, and cost- effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: ALL THE STAFF, STUDENTS, EMPLOYEES AND VISITORS.

ENERGY CONSERVATION PRACTICES:

1. **Lighting**

   Staffs and students shall make every effort to reduce the amount of energy associated with lighting in campus facilities by:

   o Turn lights off in unoccupied spaces.

   o Discontinuing the use of incandescent lighting by replacing wherever more efficient lighting is possible such as when compact fluorescent or light-emitting diode (LED) bulbs can be used.

   o Maximizing the use of natural light and turning off all nonessential lighting and other loads whenever possible.

- Utilizing task lighting in lieu of overhead lighting when and where ever appropriate.
- Turning off exterior building architectural and promotional lighting between 11:00 pm and 6:00 am

2. Interior Environment

- Every effort will be made to maintain the occupied temperature in all campus facilities at 22 to 24 degrees Celsius. This excludes special environmental needs such as server rooms and computer laboratories.
- Classroom with 20 or fewer students will be set at 22 degrees centigrade.

3. Computers

- Computer power management software should be able to minimize the operation and consumption of electricity when computers are not in use. This excludes computers performing the unique computational function
- Computers purchased must have energy-saving features and should be enabled whenever in use.
- Peripheral equipment should be turned off whenever possible.
- Students are encouraged to turn off the systems when not in use.

4. Office Equipment

- All powered office equipment should be turned off or placed on standby when not in use unless it is unfavorable to the operation of the equipment to do so. Items such as copiers, printers, calculators, shredders, etc., should be turned off at the end of the workday.
- Office equipment quantities should be reduced through consolidation to central locations whenever possible

5. Appliances

- Staffs
- Non-school-provided appliances (such as printers, coffee makers, refrigerators, freezers, microwaves, lamps, televisions, and scanners) may only be used with proper authorizations
- The quantities of purchased appliances, facilities, and equipment shall be reduced through consolidation to central locations for shared use whenever possible.

- All new or replacement computer monitors and televisions shall be of the next generation energy efficient models
- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).

6. **Students**

- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).
- Lighting facilities and air conditioning units inside the labs must be turned off before leaving the classroom/lab
- Make sure that all computers/gadgets are unplugged when leaving the classrooms and laboratories

RAISING AWARENESS ON ENERGY CONSERVATION:

- Staffs and Students – are responsible for:
- Recognizing that energy conservation is important to the college's economic health and environmental goals.
- Being aware and complying with the policy.
- Take actions to conserve energy and reduce wastage of energy.
- If staff or students have ideas on energy conservation or wish to report energy waste, they should report to the Principal or to their respective Department Heads.
- Principal and Heads of Departments are responsible for:
- Communicating this policy to everyone within their jurisdiction.
- Including energy conservation procedures in orientation programs.
- Make Annual Energy Audit mandatory.

TIPS TO BE FOLLOWED ARE:

- 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 once the students and staff leave from the lab.
- Activate power management features on laser printer.
- Whenever possible, shut down the systems 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.

Secretary

SECRETARY

For KAMMAVARI SANGHAM

Principal

PRINCIPAL
K.S INSTITUTE OF TECHNOLOGY
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