



कर्नाटक केन्द्रीय विश्वविद्यालय ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

## Central University of Karnataka

(Established by an Act of the Parliament in 2009)

Aland Road, Kadaganchi, Kalaburgi-585 367, Karnataka

### Energy conservation policy for university

#### Introduction:

Energy conservation is a crucial aspect of sustainable development, and universities have a significant role in promoting energy conservation practices. Universities consume a significant amount of energy in their day-to-day operations, and as such, have a responsibility to conserve energy and reduce their carbon footprint. This policy outlines the measures that the university will take to save energy and promote sustainable development.

#### Policy Statement:

The university is committed to promoting energy conservation and sustainable development by reducing its energy consumption, increasing energy efficiency, and promoting renewable energy sources. This policy applies to all university-owned buildings, facilities, and equipment.

#### Policy Goals:

The goals of this policy are to:

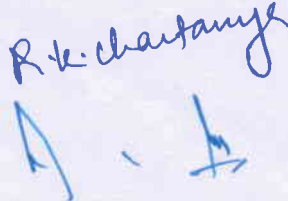
1. Reduce energy consumption across the university by implementing energy-efficient practices and technologies.
2. Promote the use of renewable energy sources to reduce the university's dependence on non-renewable energy sources.
3. Raise awareness about the importance of energy conservation and sustainable development among students, faculty, and staff.

#### Policy Measures:

To achieve the goals of this policy, the university will implement the following measures:

1. Energy Audits: The university will conduct energy audits of all its buildings and facilities to identify areas where energy consumption can be reduced. The audits will be carried out by certified energy auditors.
2. Energy-efficient Practices: The university will implement energy-efficient practices such as turning off lights and equipment when not in use, using natural lighting and ventilation, and using energy-efficient appliances and equipment.
3. Energy-efficient Technologies: The university will install energy-efficient technologies such as LED lighting, smart thermostats, and energy-efficient HVAC systems in all its buildings and facilities.









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4. Renewable Energy Sources: The university will explore and promote the use of renewable energy sources such as solar and wind power. The university will install solar panels and wind turbines in its buildings and facilities wherever feasible.
5. Sustainable Transportation: The university will encourage sustainable transportation practices such as cycling, walking, and carpooling among its students, faculty, and staff.
6. Awareness-raising: The university will raise awareness about the importance of energy conservation and sustainable development through workshops, seminars, and other awareness-raising activities. The university will also provide training to its staff and students on energy-efficient practices.
7. Monitoring and Reporting: The university will monitor its energy consumption regularly and report its progress towards achieving its energy conservation goals to the relevant authorities and stakeholders.
8. Energy-saving campaigns: The university could launch energy-saving campaigns to encourage students, faculty, and staff to reduce their energy consumption. For example, the university could organize competitions among students to see who can reduce their energy consumption the most.
9. Energy-efficient building design: The university could ensure that all new buildings and renovations are designed to be energy-efficient, with features such as efficient insulation, passive solar heating, and natural ventilation.
10. Green procurement: The university could prioritize purchasing energy-efficient products and equipment, and those made from sustainable materials. This could include appliances, computers, and office supplies.
11. Water conservation: The university could also promote water conservation measures, such as installing low-flow toilets and showerheads, fixing leaks promptly, and encouraging students and staff to turn off taps when not in use.
12. Campus-wide recycling: The university could implement a comprehensive recycling program across its campus, including collecting and recycling paper, cardboard, plastic, glass, and metal.
13. Green spaces: The university could also create green spaces on campus, such as gardens and green roofs, to absorb carbon dioxide and provide shade, which could help reduce the need for air conditioning.
14. Telecommuting: The university could encourage telecommuting and remote work where feasible, which could help reduce energy consumption associated with transportation.

**Review:**

The policy shall be reviewed periodically by the empowered committee. Based on the review, amendments may be proposed to improve the policy's effectiveness. Any amendment in the policy shall be duly proposed by the committee and finally approving authority shall be Vice Chancellor.

NSGm → R.K. Chaitanya Registrar

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