

Government College of Engineering, Salem- 11

(An Autonomous Institution affiliated to Anna University, Chennai)



SELF-STUDY REPORT



CRITERION 7

7.1.5 Green campus initiatives

(Submitted to National Assessment and Accreditation Council)

Self Declaration

This is to certify that the supporting documents for this metric exceed the 5MB upload limit. Therefore, links to sample documents and some samples are provided in the following pages. Any/all Supporting documents will be provided, if required. All links, documents and images are verified and authenticated.



IQAC – Chairperson

**Internal Quality Assurance Cell
Govt. College of Engineering
Salem - 636 011.**

Energy conservation & Green campus policy

Energy Conservation Policy

Introduction

Government College of Engineering Salem is committed to promoting environmental sustainability and energy conservation across all aspects of our campus operations. Recognizing the importance of reducing our carbon footprint and fostering a culture of conservation, we have instituted this Energy Conservation Policy as a guide for our community.

Policy Statement

This policy outlines the practices and initiatives aimed at minimizing energy consumption and maximizing the use of renewable energy sources within the campus, thereby contributing to environmental sustainability, and reducing operational costs.

Policy Objectives

- To instil a culture of energy conservation within the campus community.
- To reduce the environmental impact of campus operations through efficient use of energy and resources.
- To promote the use of renewable energy sources and innovative technologies for sustainable campus development.
- To encourage participation and collaboration among students, faculty, and staff in energy conservation efforts.

Implementation and Monitoring

- The Environmental Club, along with the campus administration, will oversee the implementation of energy conservation measures and monitor their effectiveness.
- Regular audits and assessments will be conducted to identify areas for improvement and to measure progress against the policy objectives.
- Feedback from the campus community will be actively sought and incorporated into ongoing and future conservation strategies.


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Green Campus Policy

Introduction

The Government College of Engineering Salem has embraced a pioneering Green Campus Policy, setting a benchmark for environmental sustainability and inclusivity in the educational sector. This policy is a testament to the college's unwavering commitment to fostering a greener, more sustainable campus while ensuring accessibility for all its members. By integrating comprehensive solid waste management systems, promoting the use of public transportation, and enhancing the campus's greenery, the college has established itself as a beacon of environmental consciousness.

Scope of the Green Campus Policy

The policy encompasses a wide array of initiatives designed to minimize the environmental impact of campus operations and promote a culture of sustainability among students, faculty, and staff. Key areas of focus include:

Solid Waste Management: Implementing composting pits and efficient waste collection mechanisms to reduce pollution and recycle organic waste.

E-Waste Management: Ensuring safe disposal and reuse of electronic waste in compliance with government protocols.

Transportation: Encouraging the use of public transport, bicycles, and pedestrian pathways to decrease carbon emissions and automobile reliance.

Plastic Use Reduction: Instituting a ban on plastic and raising awareness about sustainable alternatives.

Greenery and Sustainable Landscaping: Enhancing campus biodiversity through strategic planting and sustainable landscaping practices.

Accessibility: Designing the campus to be inclusive and accessible to individuals with mobility challenges, promoting equality and diversity.

Policy Objectives

The Green Campus Policy aims to achieve the following objectives:

1. **Environmental Sustainability:** To significantly reduce the campus's ecological footprint through effective waste management, energy conservation, sustainable resource use, and afforestation initiatives. These efforts aim not only to mitigate the adverse effects of climate change but also to enhance the carbon sequestration capacity of the campus.
2. **Health and Well-being:** To promote a healthier campus environment by encouraging active transportation modes like cycling and walking, and by enhancing the campus's green spaces.
3. **Awareness and Education:** To integrate environmental science into the curriculum and organize outreach programs, thereby cultivating environmental stewardship among the college community.
4. **Accessibility and Inclusivity:** To ensure that campus facilities and services are accessible to all, thereby fostering an inclusive educational environment.
5. **Community Engagement:** To engage with local communities and government bodies in environmental conservation efforts, thereby extending the impact of the college's green initiatives beyond its borders.
6. **Afforestation and Biodiversity Enhancement:** To actively engage in afforestation efforts on and around the campus to increase green cover, enhance biodiversity, and contribute to global efforts to combat climate change. This involves Miyawaki method, i.e., selecting appropriate native tree species, involving the college community in planting activities, and ensuring the long-term care and expansion of these green areas.

Through these comprehensive strategies and objectives, the Government College of Engineering Salem's Green Campus Policy exemplifies an integrated approach to environmental sustainability and social responsibility within the academic landscape.


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