



SIDDHARTHA

ACADEMY OF HIGHER EDUCATION

An Institution Deemed to be University
(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada - 520 007, AP., www.siddhartha.edu.in
(Sponsors : Siddhartha Academy of General and Technical Education)

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GREEN CAMPUS POLICY

Name of the Institution: Siddhartha Academy of Higher Education Deemed to be University

Policy No.: GCP/01

Effective Date: 14 - August - 2026

Review Date: 14 – August - 2027

Approved By: Vice Chancellor

1. Preamble

Siddhartha Academy of Higher Education Deemed to be University is committed to developing and maintaining a clean, green, healthy, resource-efficient and environmentally responsible campus.

The Green Campus Policy aims to integrate environmental sustainability into campus planning, infrastructure, academic activities, operations and the daily practices of students, faculty, staff and other stakeholders.

Siddhartha Academy of Higher Education Deemed to be University shall continuously work towards reducing its environmental footprint, conserving natural resources, preventing pollution, promoting biodiversity and creating awareness about sustainable development.

2. Vision

To develop a model **Green and Sustainable Campus** that demonstrates responsible use of natural resources, environmental protection, biodiversity conservation, waste minimization and sustainable practices.

3. Objectives

The Institution shall:

1. Promote environmental sustainability throughout the campus.
2. Reduce consumption of electricity, water, paper and other resources.
3. Promote renewable energy and energy-efficient technologies wherever feasible.
4. Implement effective waste segregation, recycling, reuse and scientific disposal.
5. Promote composting and conversion of biodegradable waste into useful resources.
6. Strengthen rainwater harvesting and water conservation.
7. Promote wastewater treatment and reuse wherever technically and economically feasible.
8. Increase green cover and promote native, medicinal and biodiversity-friendly plants.
9. Reduce single-use plastics and encourage environmentally responsible alternatives.
10. Promote sustainable transportation and reduce unnecessary vehicular emissions.
11. Encourage paperless and digital administrative and academic processes.
12. Promote environmental awareness among students, faculty, staff and visitors.
13. Encourage students to participate in green-campus projects, environmental clubs and community activities.
14. Monitor environmental performance through measurable indicators.
15. Continually improve environmental performance through the Institution's Environmental Management System.

4. Scope

This policy applies to:

- Academic buildings
- Administrative buildings
- Laboratories and workshops
- Library
- Hostels
- Canteen and food-service areas
- Greenhouse and gardens
- Composting areas
- Parking and transportation facilities
- Water supply and sanitation facilities
- Maintenance and housekeeping activities
- Students, faculty, non-teaching staff, contractors and visitors

5. Green Campus Initiatives

5.1 Energy Conservation

Siddhartha Academy of Higher Education Deemed to be University shall:

- Promote LED lighting and energy-efficient equipment.
- Switch off lights, fans, air conditioners and equipment when not required.
- Conduct periodic energy audits.
- Monitor electricity consumption.
- Promote maximum use of natural lighting and ventilation.
- Encourage energy-efficient buildings and equipment.
- Explore installation/expansion of solar energy systems.
- Display energy-conservation awareness messages.

5.2 Water Conservation

Siddhartha Academy of Higher Education Deemed to be University shall:

- Promote rainwater harvesting and recharge structures.
- Regularly maintain rainwater harvesting wells.
- Monitor water consumption.
- Repair leaking taps, pipelines and plumbing fixtures promptly.
- Install water-efficient fixtures wherever feasible.
- Promote reuse of treated wastewater for gardening and other suitable non-potable purposes.
- Display water-conservation messages near drinking-water and hand-washing areas.
- Explore suitable wastewater-treatment technologies for future implementation.

5.3 Waste Management

Siddhartha Academy of Higher Education Deemed to be University shall follow the principle of:

Reduce → Reuse → Recycle → Recover → Dispose Responsibly

Siddhartha Academy of Higher Education Deemed to be University shall:

- Segregate waste at source.
- Provide clearly identified waste bins.
- Promote biodegradable and non-biodegradable waste segregation.
- Compost biodegradable/organic waste wherever feasible.
- Maintain records of waste generation and disposal.
- Ensure authorized disposal/recycling of recyclable waste.
- Ensure scientific handling of hazardous, biomedical, e-waste and other regulated wastes as applicable.
- Promote reduction of waste generation at source.

5.4 E-Waste Management

Siddhartha Academy of Higher Education Deemed to be University shall:

- Maintain an inventory of electronic equipment.
- Promote repair, reuse and life extension of electronic equipment.
- Segregate obsolete electronic equipment.
- Hand over e-waste only through authorized channels as applicable.
- Maintain records of e-waste disposal.
- Create awareness regarding responsible e-waste management.

5.5 Plastic Waste Reduction

Siddhartha Academy of Higher Education Deemed to be University shall progressively reduce the use of single-use plastics.

Measures may include:

- Avoiding unnecessary plastic bottles and disposable items.
- Encouraging reusable water bottles.
- Promoting reusable/eco-friendly alternatives.
- Conducting plastic-free campus campaigns.
- Providing awareness signage.

5.6 Green Cover and Biodiversity

Siddhartha Academy of Higher Education Deemed to be University shall:

- Increase campus green cover progressively.
- Prefer native and climate-suitable species.
- Promote medicinal and biodiversity-friendly plants.
- Maintain existing trees and vegetation.
- Undertake plantation programmes involving students and staff.
- Maintain records of trees and plantation activities.
- Avoid unnecessary removal of trees.
- Develop biodiversity/medicinal plant areas wherever feasible.

Institutional Green Initiative:

Siddhartha Academy of Higher Education Deemed to be University proposes plantation of **50 medicinal plants** as part of its campus greening and biodiversity enhancement programme.

5.7 Sustainable Transportation

Siddhartha Academy of Higher Education Deemed to be University shall encourage:

- Walking and cycling within the campus.
- Carpooling/public transportation where feasible.
- Controlled vehicle movement inside the campus.
- Periodic awareness programmes on sustainable transportation.
- Maintenance of vehicles to reduce emissions.

5.8 Green Buildings and Infrastructure

Future construction, renovation and infrastructure development shall consider:

- Natural lighting and ventilation.
- Energy efficiency.
- Water conservation.
- Rainwater harvesting.
- Sustainable landscaping.
- Environmentally preferable materials wherever feasible.
- Efficient waste-management provisions.

5.9 Paper Conservation and Digitalization

Siddhartha Academy of Higher Education Deemed to be University shall promote:

- Digital communication.
- Online notices and circulars.
- Digital academic records wherever feasible.
- Printing only when necessary.
- Double-sided printing.
- Reuse of single-sided paper for internal purposes where appropriate.

5.10 Environmental Awareness

Siddhartha Academy of Higher Education Deemed to be University shall organize:

- Green Campus campaigns.
- Plantation programmes.
- World Environment Day activities.
- Waste-management awareness programmes.
- Energy and water conservation campaigns.
- Student environmental projects.
- Environmental competitions and exhibitions.
- Community outreach activities.

6. Roles and Responsibilities

Management

The Management shall provide leadership, resources and support for implementation of the Green Campus Policy.

Head of Institution

The Vice Chancellor shall ensure implementation, monitoring and periodic review of the policy.

EMS/Green Campus Committee

The Committee shall:

- Coordinate green-campus activities.
- Monitor environmental performance.
- Maintain relevant records.
- Identify improvement opportunities.
- Coordinate environmental audits.
- Review achievement of green-campus objectives.

Faculty and Staff

Faculty and staff shall support resource conservation, waste segregation and environmental awareness.

Students

Students shall actively participate in green-campus activities and follow environmental practices within the campus.

Housekeeping and Maintenance Personnel

They shall ensure proper waste segregation, cleanliness, water conservation and efficient operation of campus facilities.

Contractors and Suppliers

Contractors and suppliers shall comply with applicable environmental requirements and institutional environmental procedures.

7. Monitoring and Performance Indicators

Siddhartha Academy of Higher Education Deemed to be University shall monitor appropriate environmental indicators, such as:

Indicator	Monitoring
Electricity consumption	Monthly
Renewable energy generation	Monthly
Water consumption	Monthly
Rainwater harvesting	Annual/seasonal
Waste generated	Monthly
Compost produced	Monthly
Recyclable waste disposed	Monthly/quarterly

E-waste disposed	As generated
Number of trees/plants	Annual
Medicinal plants established	Annual
Green-cover improvement	Annual
Environmental awareness programmes	Annual
Paper consumption	Periodic
Environmental complaints/incidents	As required

8. Compliance

Siddhartha Academy of Higher Education Deemed to be University shall comply with applicable environmental laws, regulations, consent conditions, statutory requirements and other environmental obligations relevant to its activities.

Applicable requirements shall be identified, monitored and periodically reviewed through the Environmental Management System.

9. Continual Improvement

Siddhartha Academy of Higher Education Deemed to be University is committed to continual improvement of its environmental performance.

Green Campus objectives and programmes shall be reviewed periodically based on:

- Environmental performance data
- Audit findings
- Compliance status
- Resource consumption
- Stakeholder feedback
- Available technology
- Institutional priorities

10. Review of Policy

This policy shall be reviewed periodically, or whenever significant changes occur in institutional activities, infrastructure, environmental requirements or applicable legislation.

The policy shall be communicated to students, faculty, staff, contractors and other relevant stakeholders and shall be made available to interested parties where appropriate.

Approved by: Dr. P. Venkateswara Rao

Designation: Vice Chancellor

Signature:



Vice Chancellor

Siddhartha Academy of Higher Education
(Deemed to be University)
VIJAYAWADA-520 007

Date: 14-August-2026