



NRI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUK, Kakinada
Accredited by NAAC with "A" GRADE, Accredited by NBA (CSE, ECE&EEE)
An ISO 9001:2015 Certified Institution
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POLICY DOCUMENT ON ENVIRONMENT AND GREEN CAMPUS

NRI INSTITUTE OF TECHNOLOGY bestow a clean and ecologically pleasant, campus, where eco-friendly activities and teaching work together to foster sustainable and environmentally friendly behaviour. The Green Campus concept allows the institution to take the lead in the regeneration of environmental culture by promoting environmental ideals among students and faculty. In order to instil Eco-consciousness in themselves and the world around them, the institute also encourages students and staff to adopt, implement, and support environmentally friendly practices. The going human foot print on the planet is generating significant environmental issues that are only going to become worse overtime.

Objectives:

- To instil the students, the value of environment and the issues that it faces.
- To educate the students to create awareness amongst public.
- To encourage the students to maintain clean and green environment

Green campus initiatives are as follows:

▪ Energy Consumption:

Energy saved is the energy generated. To reduce energy consumption, the practices

- a) Turn off the things when not in use
- b) Using LED light bulbs

▪ Renewable Energy Resource:

Solar Energy is the cleanest and most abundant renewable energy source. The Institute promotes solar energy; the stake holders are encouraged for promoting and adapting renewable energy

▪ Conserve Natural Resources:

The Institution believes in sustainable natural resources conservation and it is a process of rational use and skilful management and preservation of the natural environment with all fits resources, the trees like mango, neem, and tamarind are preserved. From the inception of the institute, the students and staff are actively participating in tree plantation activities’.

▪ Water Resources Preservation:

The urban development, demographic growth and climate change have serious impacts on stocks of resources around the world, particular to preserve water resources. Some initiatives are:

1. No vehicle is allowed into the campus, making the campus pollution free.
2. The vehicles are parked outside the gate of the campus.
3. Students nearby are encouraged to come by bicycles to college.
4. All the college buses and vehicles are used by the college members do have PUC certification, which is renewed regularly.

Pedestrian-friendly Paths

1. The pathways inside the campus are well maintained and pedestrians can walk safely through the campus as entry of vehicles is restricted.
2. Security Guards at the two gates keep a watch on the entry of vehicles and crossing into the campus.
3. Pedestrian friendly pathways are properly marked with suitable sign boards.
4. Many of the non-teaching staff and a few students in and around the location daily walk down to college

Plastic-Free Campus

1. Restrict the use of non-essential, non-compostable, and single-use disposable plastic.
2. Education and awareness on hazards caused by the use of plastic products.

Use of Paper

1. Teaching and non-teaching staff shall ensure printouts are double-sided; to save 50% paper use.
2. Whenever possible single side papers may be reused; minimizing the use of paper.
3. Wherever possible automation and digitization may be introduced to help in the minimization of paper usage. Digital storage of documents is one such measure. Institutional data to a great extent is stored digitally.
4. Technology is used to a greater extent for communication among the staff and the students rather than paper communication. WhatsApp class-wise groups, Department wise groups, Committee wise groups. Facilitate E-communication and use of public address systems to reduce the usage of paper in notices and circulars.
5. In addition of going paperless in the classroom, the college has also introduced a "Learning Management System" wherein references, notes, syllabus question banks, the study material is stored and shared on the e-platform, avoiding massive usage of paper.

6. Usage of e-library by the students and staff.
7. The teachers have also experimented with alternatives of paper-based testing with e-assignments and other skill-based tests like presentations, group discussions, etc.,.

Landscaping with Trees and Plants:

The number of trees and plants on the campus create an eco-friendly environment and creates a positive impact on the stakeholders, who engage themselves with the institution by participating in several plantation activities. The institute has full time gardener to maintain and monitor the plant garden. Landscaping of the campus with trees and plants will be carried through NSS. Faculty and students take part in the “*Harita-haram*” program and “*Swachh Bharat*” activities by college.


Carbon Neutrality

1. The parking lot for vehicles at the main gate, parking area only.
2. All buses are to be equipped with speed control devices.
3. Students who are staying in villages, near the college are encouraged to use bicycles for transport to the college.

Waste Management

1. E-waste to be disposed of in an eco-friendly manner
2. Solid waste management to be done as panchayati norms.
3. Wastewater from canteen and hostel shall be used for watering trees and plants.

The institution has MOUs with organizations which collect paper waste.


Principal
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Pothavarappadu (V), Agiripalli (M)

UNIVERSITY GRANTS COMMISSION

"Swachhata Hi Sewa Campaign"

UGC Guidelines for Ban of Plastic Use in Higher Education Institutions

Whereas plastic waste has emerged as one of the biggest environmental concerns adversely impacting the soil, water, health and well-being of citizens at large;

Whereas excess-consumption of plastic combined with either limited waste disposal systems has become a challenge to the urban waste disposal systems, and has choked the rivers and water systems in rural areas;

whereas the time has come for a systematic campaign to reduce the usage of plastic, especially the single use plastic;

Whereas the Government has decided to take plastic ban as a national level campaign to address the environmental hazards being and bring attitudinal changes that shun use of plastics; and

Whereas the educational institutions have the unique spread and influence to educate the students and households on the need for avoiding usage of plastics,

University Grants Commission hereby issues the following guidelines for all the higher educational institutions in the Country:

Guidelines

1. Scope of guidelines:

(a) These guidelines are applicable to all the higher educational institutions (HEIs) in the Country.

(b) They encourage HEIs (universities and colleges) to adopt policies and practices towards cleaner and plastic free campuses.

2. All the HEIs in the Country shall strive to make their campuses 'plastic-free' by systematically banning use of plastics and replacing the same with suitable environmental friendly substitutes.

3. Every HEI shall:

a, Ban use of single-use plastics in canteens, shopping complexes in the institution's

premises and hostels, etc.

b. Carry out awareness drives and sensitization workshops on the harmful impacts of single use plastics.

c. Mandate all students to avoid bringing non-bio-degradable plastic items to the institution.

d. Encourage their students to sensitize their respective households about harmful effects of plastics and make their households, plastic free'

e. Install necessary alternative facilities like water units to avoid the use of plastic . water bottles, and encourage use of alternative solutions like cloth bags, paper bags etc., instead of plastic bottles, bags, covers and other goods on campuses.

For Circularity

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CIRCULAR

16-09-2019

This is to inform that University Grants commission has published the guidelines for Ban of Plastic use in higher education institutes. The guidelines issued by the UGC on August 30, 2019 are available on the UGC website at the link and a copy of guidelines is attached.

<https://www.ugc.ac.in/pdfnews/8170476> UGC-Guidelines-for-Ban-of-Plastic-Use-in-Higher-Education-Institutions-pdf

As per the guidelines, all single-use plastics including the following items are banned inside college campus and premises:

- Plastic sheet / cling film used for food wrapping
- Plastic thermocoal plates
 - . Plastic coated plates
 - Plastic coated paper cups, plastic tea cups, plastic tumbler,
 - thermocoal cups
 - Plastic carry bag of all sizes and thickness, plastic coated carry
 - bags, non-woven bags
 - Water pouches / packets