



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Regd. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

7.1.2 Policy Document on the Green Campus/Plastic Free Campus

The Avanthi Institute of Engineering & Technology taken oath to manage and carry out environmentally sustainable practices in our college campus along with the aid of NCC and NSS units of our college. The College strives for the aim and goal to effectively reduce the waste in college campus and make the campus neat and clean and eco-friendly. Further, it also aims to inculcate in the staff and students of the college the ethics and values towards contributing positively in building our environment's health.

Part A: Objectives and Scope

The main objectives of the Environment Policy Guidelines are:

1. Make the campus as well as the activities in college environmentally sustainable.
2. The campus to be made eco-friendly and safe as much as possible.
3. Create green events and inculcate a more aware and sustainable attitude among the students and staff.

Along with the main objectives, the college will also look into the following criterions for making the campus greener and sustainable:

1. A uniform waste management system to be followed to reduce the total waste generated.
2. To make the energy consumption of college more efficient.
3. To ensure that the hygiene and sanitation requirements in the campus are well maintained.
4. To hold awareness campaigns from time to time.

The scope of these objectives extends to all festivals, events, workshops, lectures and conferences as well. Necessary changes if needed or revisions in implementation-guidelines need to be periodically monitored and updated to this document to make it truly effective.




PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Criteria for developing Environmentally Sustainable Culture on Campus

1. Measures taken to reduce the energy consumption, and indirectly reduce the carbon footprint.
2. Measures taken to reduce the consumption of water and other resources, as well as reducing the creation of waste.
3. Measures taken to reuse the water and wastes as much as possible.
4. Measures taken to check the impact on Environmental and social consequences while doing purchases, sponsors and vendors.
5. To monitor the progress and report from time to time.

Part B: Guidelines

Waste Reduction and Efficiency:

1. Paperwork transitions to digital methods.


- a. To lessen the need for paperwork it is highly recommended that the general management of the college goes digital and as paperless as possible.
- b. The necessity of letterheads must be reduced, and communications carried out over email, Telegram, WhatsApp Groups or similar platforms.
- c. There must be efforts taken to digitize the submission of assignments as well as the distribution of notes to the students.
- d. All these to be monitored regularly.

Energy Usage:

1. Maintenance of audio, video and other equipments should be monitored regularly.
2. Investments in Renewable energy: The efficient working of the solar cells is essential to an energy efficient campus and thus must be a priority of the college. If possible, the college's dependence on the power grid should be decreased by installing the use of solar panels and regular maintenance.
3. Purchasing the best and greenest possible resource for the campus and events (e.g. using LED bulbs instead of halogens despite the cost increase). As well as making sure to purchase energy efficient appliances and to ultimately use solar energy for all purposes eventually in the near future.



Avanthi Institute of Engineering and Technology


PRINCIPAL
Avanthi Institute of Engineering & Technology
Gunthapally (V), Hayathnagar,
Ranga Reddy (Dist.)



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Reg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

Water Management :

1. All the demands of water of the College to be met through the rain water harvesting without any wastage.
2. Taking steps to creating a water-recycling system to reuse as much water as possible.
3. Encourage the reuse of kitchen water to water the plants.
4. Conduct regular checks for leaky faucets, flushes etc.

Documentation of the process :

A comprehensive documentation of all these shall be done by the appropriate committees of the college with necessary co-operation of the administration. Rainwater-Harvesting System The college rooftops and terraces area has been well connected with the help of pipes that carry the accumulated water to the ground level. The college has a rainwater-harvesting system that includes a tank to accommodate 50,000 litres of water to cater to the needs of almost 2300 staff and students of the college. The water tank fulfils the water requirement for all the laboratories, washrooms, and drinking water system of the college.

MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE

Avanthi Institute of Engineering & Technology takes all the necessary precautions and full responsibility for disposing the waste generated at the college with the aid of local Municipality. The waste in the bins is periodically emptied whenever the bins are full by the support staff of our college and also with the help of volunteers of Eco-Club, NSS, NCC, Hygiene and Health Committee and students from various departments at times. Necessary coordination with the administration and various committees is instrumental in carrying out this Endeavour.

I. Solid Waste Management: To reduce waste at the institute, students and staff are educated on proper waste management practices through timely lectures, displaying slogan boards in the campus. Waste is collected daily from various sources and kept in dry and wet waste red and green waste bins respectively. Waste materials like plastics is collected weekly by the volunteers of Eco-Club, NSS, NCC and Hygiene and Health Committee and handed over to the local municipal vehicle. The college takes significant steps to produce compost manure from the Canteen solid waste, paper, leaves and stubbles with the aid of Eco-Club. The manure is used for the maintenance of the herbal garden as well as for the trees.




PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl), R.R. Dist.

Avanthi Institute of Engineering and Technology



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

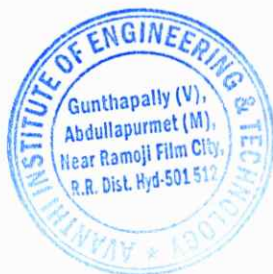
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanathi@gmail.com

II. Liquid Waste Management: The waste water mixed with chemicals from laboratories passes through concealed pipe line into soak pits. All waste water lines from toilets etc., is well connected with municipal drainage mains.

III. E-Waste: It is collected and stored in the store room. Old monitors and CPUs gets repaired by our technicians and may be reused. Scraps are either sold to the vendors or given to the municipality for reusing it.

IV. Hazardous waste management: The college is yet to come out with a proper system of hazardous waste management. There is minimal Hazardous waste and these negligible amounts of solid hazardous waste emanating from the science departments are collected in the dustbins and given away to the municipality while the liquid hazardous waste goes directly into the soak pit through the properly concealed pipes. The planning for a proper measure is in the pipeline and the college is ready to encounter any such problems whenever if the situation arises with the help Chemistry Department who are fully aware about the effects of hazardous waste and the need to dispose them carefully.




PRINCIPAL
Avanathi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Md), R.R. Dist