



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

Policy documents of the institution


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



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Principal
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DATE: 05-06-2021

ENVIRONMENTAL POLICY

The Avanthi Institute of Engineering and Technology (AIET) reaffirms its commitment to actively contribute to the sustainable development of the nation and the promotion of sustainable technologies through its educational, research, consultancy, and extension programs. Our vision is to foster an environmentally conscious community that is resilient to climate change, and achieve this through the curricular, co-curricular, and extension activities.

AIET shall equip its students, faculty, supporting staff, Institute associates, and the surrounding community with the knowledge and skills necessary to act responsibly towards the environment. Design educational programs with the aim to instill a sense of environmental consciousness and empower individuals to make informed decisions that contribute to sustainability.

In addition to academic pursuits, we actively engage in research and consultancy projects that focus on developing sustainable technologies and solutions. By fostering a culture of innovation and collaboration, we aim to address pressing environmental challenges and contribute to the development of a greener and more sustainable future.

AIET is dedicated to transforming its campus into a green environment that reflects our commitment to sustainability. We strive to make all decision-making processes, at all levels, nature and environmentally friendly. This includes incorporating environmentally conscious practices into our infrastructure development, energy management, waste management, water conservation, and transportation systems.

To achieve our goals, we actively seek partnerships with industry leaders, government agencies, and environmental organizations. By collaborating with experts and sharing knowledge, we can amplify our impact and foster sustainable development both within and beyond our institution. Through our collective efforts, AIET aims to become a beacon of sustainability and serve as a model for other educational institutions. We firmly believe that by promoting sustainable practices and technologies, we can contribute to the overall well-being of society, protect our natural resources, and create a better future for generations to come.

Environmental policy is adapted on this day the 5th of June 2021 at Avanthi Institute of Engineering & Technology Gunthapally Village, Abdullapurmet, Hyderabad Telangana 501512.




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Date: 14-06- 2018

POLICY DOCUMENT ON ENERGY USAGE


Energy usage policy of Avanathi Institute of Engineering and Technology, Gunthapally is to manage energy in such a systematic way so as to minimize its impact on the environment. The policy implies to explore the renewable energy resources to reduce the burden of the government and to find out substitute natural resources as solutions to the energy crisis.

This energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

Policies:

- To assess our energy usage and measure its impact on the environment.
- To count CO₂ emissions generated by our means of transportations-vehicles.
- To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To install photovoltaic solar panels for the generation of alternate energy.
- To install LED bulbs in the complete campus to save energy.
- To develop rain water harvesting unit.
- To undertake tree plantation drive.
- To take additional measures to continuously improve our energy consumption.
- To develop and maintain an environmental management system which is ISO: 9001:2015.
- To ensure the availability of necessary resources to achieve our objectives.
- To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.




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- To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
- To monitor and respond to emerging environmental and energy issues. To strengthen our employee's and student's environmental knowledge and skills in order to improve our own environmental performance.
- To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.

This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website. The Energy policy objectives and targets will be reviewed on a regular basis by the guidance of the Principal of the college.

Energy policy is adapted on this day 14" June, 2018 at Avanathi Institute of Engineering and Technology..


Principal

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DIVYANGAN POLICY AND INITIATIVES UNDERTAKEN

Objectives of the Policy:

Date: 19-06-2018

1. To create inclusive culture to avoid discrimination, exploitation and exclusion of Disabled Students and staff from all spheres of work and education.
2. To create a suitable regulatory mechanism for effective delivery of services to Disabled Students and Staff of the Institution,
3. To ensure implementation of all legislations with respect to persons with disabilities

Admission Policy for persons with disabilities:

1. Teal reserved seats for persons with disabilities in all the programs are filled according to the guidelines given by AICTE/University.
2. All the facilities, which are suggested by AICTE University will be provided to the people with disabilities

Exam Policy:


1. The Institute shall make suitable arrangements for Divyangnan Students to participate in the Examinations
2. The examination will follow the guidelines issued by JNTUH, Hyderabad, in giving extra time or allotting Scribes

Facilities and Initiatives Undertaken:

The Institute has Infrastructure facilities the army Wheel Chair, Blind stick, Scribes for the examinations and Disabled friendly washrooms. There is as inbuilt software system in MS office Le Road la Tot and Test to Real for some Disabled persons and special training is given to the students who need k. currently there are no Divyangnan Student in the campus. If admitted in the future, then the Instill provide the other facilities required.

Divyangnan policy is adapted on this day. 19th June 2018 at Avanathi Institute of Engineering and Technology, Gunthapally




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7.1.2 Policy Document on the Green Campus/Plastic Free Campus

The Avanathi 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.




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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.



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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.




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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.




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