



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

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Environment and Energy Utilization Policy

Objectives

- 1) To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- 2) To ensure judicious use of environmental resources in the campus utilizing alternate energy resources to meet the needs and aspirations of the present and future generations.
- 3) To work with all stakeholders and the local community to raise awareness and seek the adoption of environmentally good practices and the reduction of any adverse effects on the environment.
- 4) To conduct Environmental Audit and Energy Audit every year by involving Third Party Professionals for reviewing the environmental and energy usage practices and adopting the recommendations.
- 5) To implement measures to reduce and minimize waste generated by the Institute and giving appropriate treatment before disposal to prevent environmental pollution.

Action Plan and Implementation

- 1) Planning and implementing Waste Management processes including Solid Waste Management, Liquid Waste Management and e-Waste Management.
- 2) Using renewable energy resources such as Solar power, partially replacing conventional non-renewable energy.
- 3) Adopting e-governance practices leading to minimizing the use of paper as well as utilizing one-side papers
- 4) Implementing power saving methods/ techniques such as use of environment-friendly electrical appliances, replacement of fluorescent bulbs by LED bulbs etc. to save energy and reduce wasteful inefficiencies.
- 5) Sensitizing faculty, staff and students to switching of lights, fans, computers and other electrical appliances when not in use or when not needed
- 6) Banning single use plastic and minimizing plastic usage on the campus.
- 7) Using common sewage treatment plant to treat the waste water generated in the Institute and its maintenance.
- 8) Ensuring compliance with legal and other requirements for prevention of pollution.
- 9) Adopting Buy back policy (buy back old/outdated computers/ electronic systems) for purchase of new computers/electronic systems.
- 10) Promoting clean environment in the campus through Swachh ANITS, to train the students in the Participatory Management of the Campus and also create awareness among the students on the Swachh missions of the country

- 11) Using eco-friendly idols of Ganesh, through the regular public outreach programme, Eco Ganesha Campaign, so as to protect the water bodies from pollution of hazardous chemicals
- 12) Using Display boards for saving energy and water in prominent places in the campus.
- 13) Conducting environment sensitive programs/ activities involving students and faculty.
- 14) Promoting use of public / college transport system by staff and students, as well as vehicle pooling and use of bicycles in the campus.
- 15) Using and strengthening Rain water harvesting system in the campus.
- 16) Conducting Annual Environment and Energy Audits every year and implementing the recommendations.

Environment Audit

Environmental Audit has been conducted by third party in June 2022 to study the environmental management measures in the campus. The Audit compiled the list of possible actions to conserve and efficiently access the available scarce resources and their saving potential is also identified. The scope of the Audit also included gap analysis of the college campus as per applicable regulations and standards relating to environment management, waste water disposal, waste management, biodiversity assessment and safety practices. The Recommendations of the Environmental Audit are being implemented.

Energy Audit

Energy Audit has been conducted by third party in June 2022 to study present status of environment management including consumption rate of electricity from grid, solar energy as well as fuel consumption for transport and generator. The scope of the Audit includes gap analysis of the college campus as per applicable regulations and standards relating to electricity consumption, water consumption, and safety practices. The report accounts for the energy consumption, water consumption and management measures in the campus and compiles a list of possible actions to conserve and efficiently access the available scarce resources and their saving potential is also identified. The Recommendations of the Energy Audit are being implemented.


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