

## Criterion VII – Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### *7.1.6 Quality audits on environment and energy undertaken by the institution:*

#### **Policy document on environment and energy usage**

S.No	File Description	Page No
1	Policy Document on Energy Policy	2

# GMR Institute of Technology

An Autonomous Institute Affiliated to JNTUK, Kakinada

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Institute Accredited by NAAC with "A" Grade and ISO 9001:2008 Certified



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## Green Policy

### Objectives

- To conserve the natural environment;
- Develop sustainable solutions, innovations and startups;
- Promote rural technologies
- Control energy consumption in order to build awareness among the Stakeholders
- To instill the habit of conservation of natural resources and development of sustainable environments for national prosperity.
- To minimize the carbon footprint

### Policy and Guidelines

To adopt fair, ethical and environmentally friendly approach in realizing the objectives, SOPs are developed for the sensitization of the students and faculty across the campus. Institute believes that the ecological sustainability is a key component of its social responsibility and therefore, strives to make an impact on environment conservation by inspiring environment-friendly, professional and safe operations.

This includes conserving scarce resources such as raw materials, energy and water, as well as avoiding and reducing CO<sub>2</sub> emissions and waste. Following are the guidelines framed in line with the SOP:

- To educate and engage students and employees on environmental concerns and sustainability
- To recognize and appreciate the efforts of students and faculty towards environment conservation and sustainable development
- To promote innovation and startup for sustainable development
- To ensure Rain Water Harvesting within the premises, provide Waste Management and environment improvement measures to ensure a sustainable Green Campus, strive to have a plastic free environment, start Installation of grid connected solar rooftops/ Power Systems, wherever feasible.
- To maintain the eco-system of the campus and conservation of natural resources

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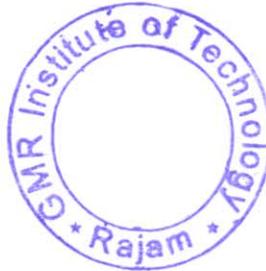
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- To monitor and inspect human activities, taking different actions to prevent harmful effects on the environment and natural resources
- To develop a plan to save energy (Solar Energy)
- To Implement 5R's practices
- To phase out the CFL and conventional light sources such as bulbs and tube lights, halogen and mercury street/campus lights for self-sustainability
- Water flow restrictors on bathroom faucets and showers, low water flow toilets and automated urinal flushers should be used to cut down campus water use
- Recycle and Reuse of sewage for Gardening purpose
- Generation of biogas and fertilizers from kitchen waste (Hostel and Canteen)
- To promote the government of India initiative VIZ. SWACHH BHARAT ABHIYAN, UNNATH BHARATH ABHIYAN by involving the students and staff as a "Green Campus Initiatives"
- To evaluate and minimize carbon emission in the campus
- Periodic monitoring of the air quality index



  
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