## SANSKRITHI SCHOOL OF ENGINEERING



Behind SSSS Hospital, Beedupalli knowledge park, Prasanthigram, Puttaparthi - 515134 Affiliated by JNTUA & Approved by All India Council for Technical Education (AICTE), www.sseptp.org

# Declarative statement of Quality audits on environment and energy are regularly undertaken by the institution

#### **Objectives of the Audit:**

Quality Auditing is a management tool comprising systematic, documented, periodic and Objective evaluation of how well environmental organization, management and equipment are performing, with the aim of helping safeguard the environment by:

- i. Facilitating management control of environmental practices.
- ii. Assessing compliance with various policies which include meeting regulatory requirements.
- iii. Sensitizing students about the growing environmental issues.

There are various Audits carried out at the institute which stimulated the environmental Sustainability and evaluation.

- 1. Green Audit
- 2. Energy Audit

#### 1. Green/Environmental Audit:

The Green Audit of an institution is of a paramount importance these days for self assessment of the institute, which reflects the role of the institute in mitigating the negative impacts of carbon emission. The institute has been putting efforts to reduce the emissions from electricity consumption by replacing conventional lights to LED. Star rated equipments and instruments and by installing solar panel for electricity generation. The purpose of the green audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards of intergovernmental panel on Climate Change (IPCC).

### 2. Energy Audit:

Energy audit addresses energy consumption, energy sources, energy monitoring, lighting and appliance. Use of Energy is clearly an important aspect of campus sustainability and thus requires no reason for its inclusion in the assessment. The methodology adopted focuses on understanding the existing energy consumption by various electric appliances in the college. A walk through survey was carries out to understand the nature of the installed energy devices (fans, tube lights, AC, etc.) A total count of all the energy consuming devices/equipment was done.



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