



SRI SIVANI COLLEGE OF ENGINEERING

(Under the Management of Sri Sivani Educational Society, Srikakulam)

Approved by AICTE, New Delhi and Affiliated to JNTUGV, Vizianagaram (CC:W6)
Recognised by UGC U/S 2 (f) & 12 (B)

ISO 9001 : 2015
CERTIFIED CAMPUS

NH-16, Chilakapalem (Jn), Etcherla (M), Srikakulam - 532 410, A.P., Tel : : 08942 231106, 73826 51411

DOCUMENTS RELATED TO CLEAN AND GREEN CAMPUS INITIATIVES

01. ALTERNATIVE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

A) Solar Panels

Solar energy is produced by the sun's light- photovoltaic energy offers many benefits that make it one of the most promising energy.

Solar energy is an important alternative source of energy and it is produced by the sun light.

Photoelectric energy which gives many benefits as follows

1. Renewable
2. Non-polluting
3. Reduce global warming
4. Avoid the use of fossil fuels
5. Control the energy imports
5. Contribute to imperishable development.

Sri Sivani College of Engineering has the solar energy facilities and energy conservation measures. 200MWh energy is generated through solar panels and 25% of electricity utilization is reduced.



SOLAR PANELS

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B) Led Bulbs

Sri Sivani College of Engineering has the facilities to improve the energy efficiency throughout the college campus. The conventional lights have been replaced by the energy saving LED bulbs. The maximum lighting source is come from LED bulbs as they are energy efficient lights and produce high quality output.



LED BULBS

2. MANAGEMENT OF THE FOLLOWING TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

Our Sri Sivani College of Engineering has taken several control measures in maintaining a clean and green campus and eco-friendly policies such as

- ❖ Solid waste management
- ❖ Liquid waste management
- ❖ Biomedical waste management
- ❖ E-waste management of Hazardous Chemicals and Radioactive Waste Management


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Solid Waste Management

Solid waste management is the process of collecting, treating, and disposing of solid waste materials that are discarded as they are no longer useful. The institution carefully monitors the effective management of disposal of solid waste in the campus by providing dust bins separately for dry and wet waste at every corner of the corridor and at washrooms.



BINS FOR WASTE MANAGEMENT

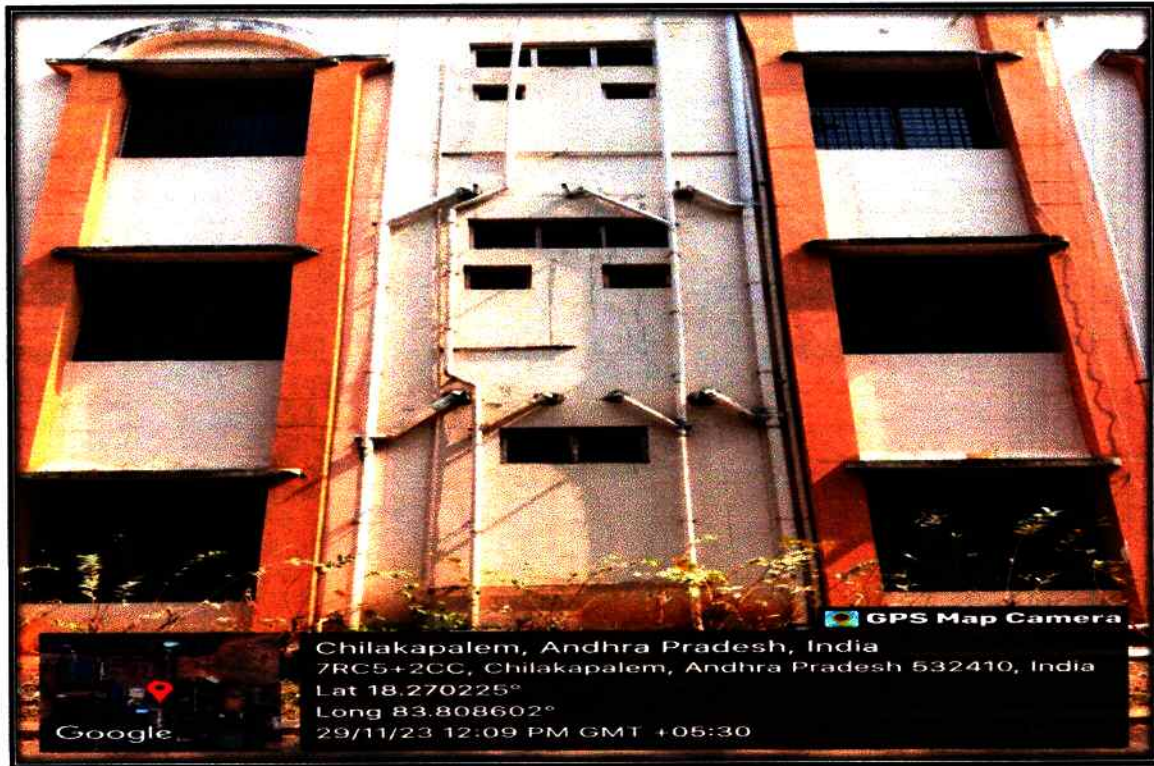
The solid waste is disposed off through municipality collection vehicles every day. Awareness programmes are organized on solid waste management. To replenish eco-friendly and green college campus various NSS programs like Swatch Bharat, Clean and Green activities and plantation in college campus are regularly conducted.

J. Srinivasulu

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Liquid Waste Management

It is a method for preventing the discharge of pollutants into water ways by collecting and disposing of hazardous liquid items. The liquid waste is generated from science laboratories, hostels and canteen. The institution channelizes waste water from all laboratories to underground channels for disposal. The college send the liquid waste generated from laboratories, channelizes to underground channels for disposal.



LIQUID WASTE MANAGEMENT

E-Waste Management

E-Waste management refers to properly disposing and managing electronic waste, including old or discarded electronic gadgets such as phones, computers, and televisions. The E-waste generated from antiquated/useless electronic equipment –computer monitors, CPUs, are disposed of through “SLN Computer Solutions”.

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E-WASTE MANAGEMENT

WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

- A) Rain water harvesting
- B) Bore well/open well recharge
- C) Construction of tanks and bunds
- D) Waste water recycling
- E) Maintenance of water bodies and distribution system in the campus


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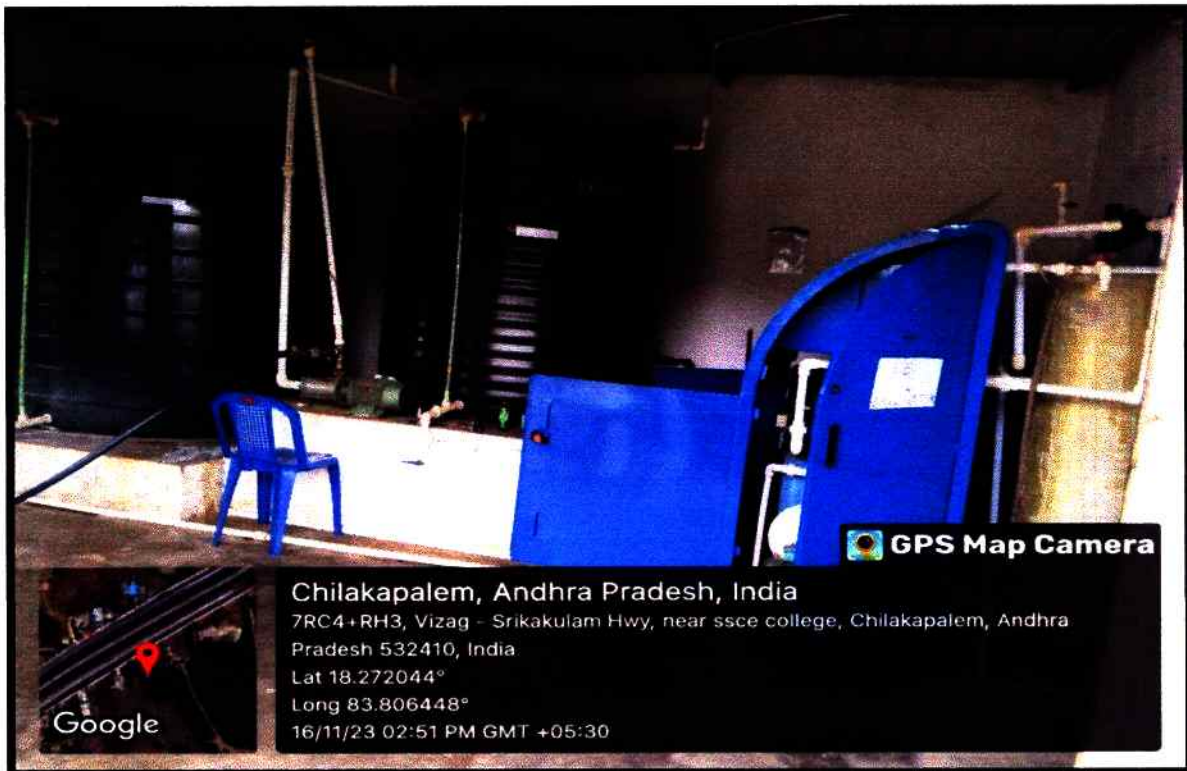
RAIN WATER HARVESTING

M. Srinivasan
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Chilakapalem, Andhra Pradesh, India
7RC5+65G, Chilakapalem, Andhra Pradesh 532402, India
Lat 18.270346°
Long 83.808047°
22/11/23 04:53 PM GMT +05:30

BORE WELL



Chilakapalem, Andhra Pradesh, India
7RC4+RH3, Vizag - Srikakulam Hwy, near ssce college, Chilakapalem, Andhra Pradesh 532410, India
Lat 18.272044°
Long 83.806448°
16/11/23 02:51 PM GMT +05:30

R.O PLANT


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4. GREEN CAMPUS INITIATIVES ARE AS FOLLOWS:

- A) Restricted entry of automobile
- B) Pedestrians friendly pathway
- C) Plantation with trees and plants

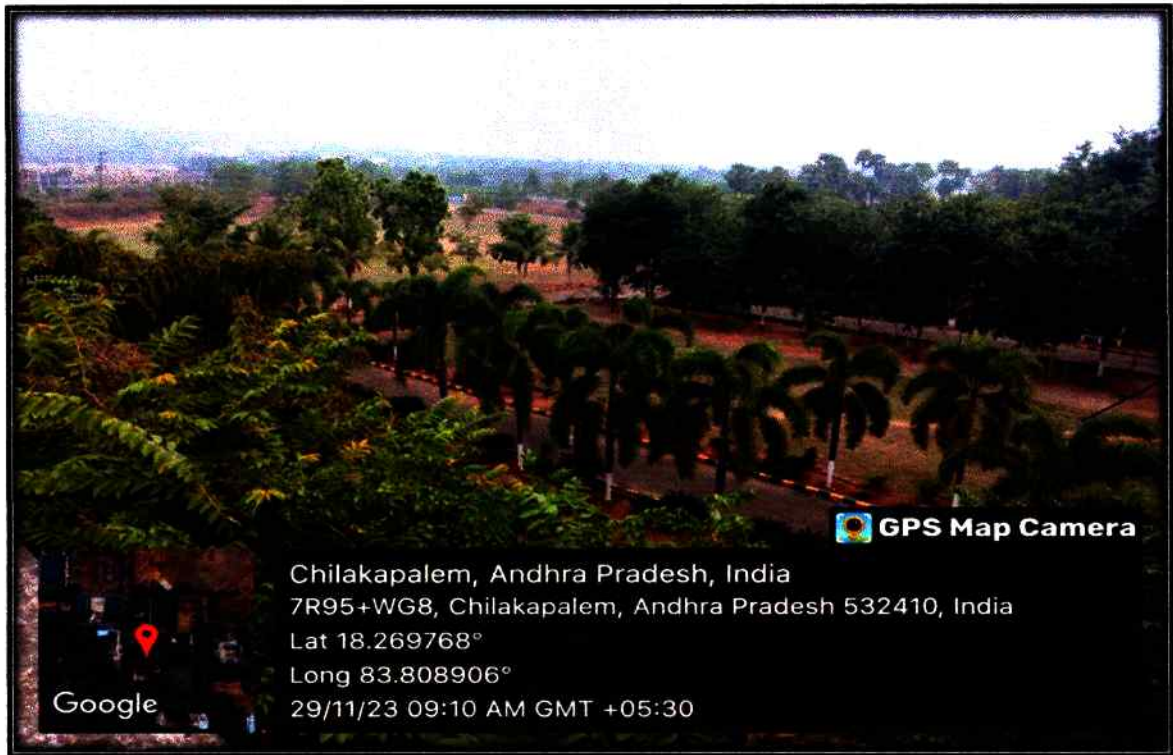


NO ENTRY FOR AUTOMOBILES



PEDESTRIAN PATHWAY

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LANDSCAPING WITH TREES AND PLANTS

M. Srinivasan
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The institution has disabled-friendly, barrier free environment

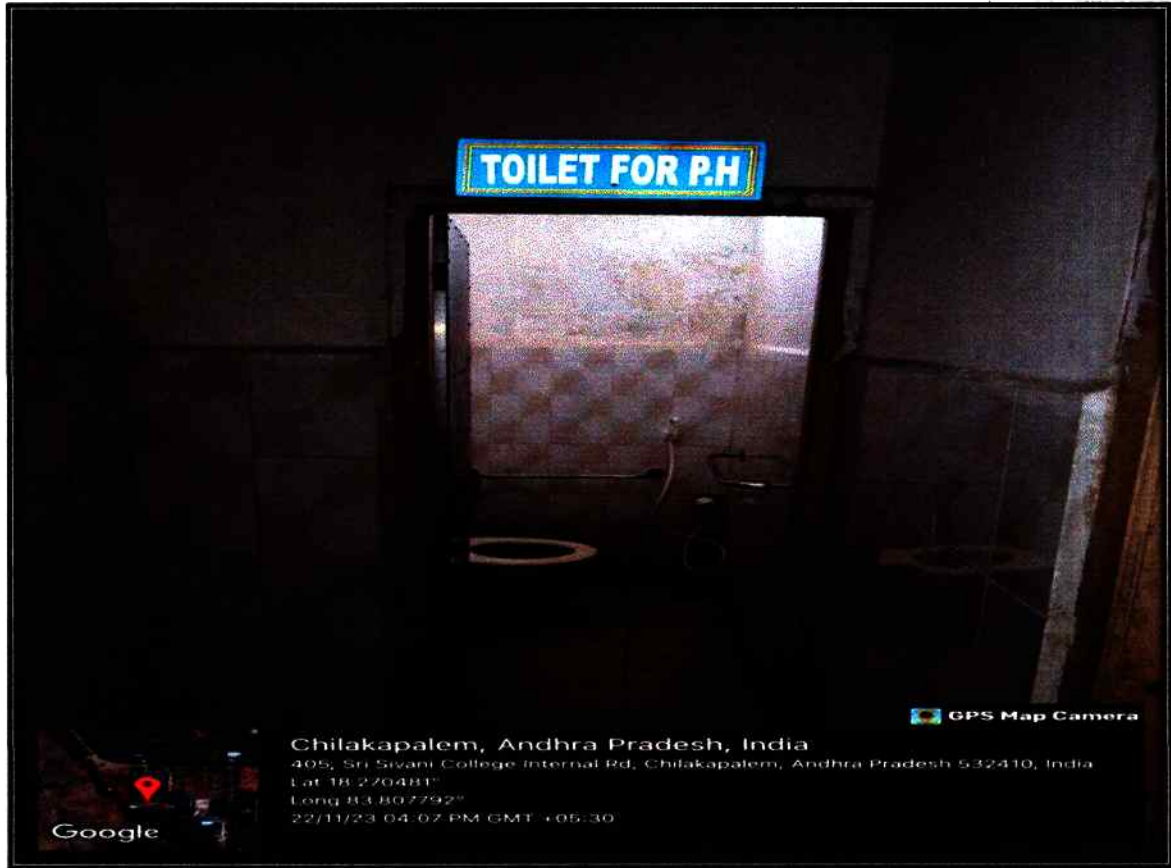
- A) Develop an environment for easy access to classrooms
- B) Disabled friendly washrooms
- C) Symbols /signs including pathways, lights, display boards and signs.
- D) Facilities for persons with disabilities [divyangajan] accessible website, screen reading software, mechanized equipment.
- E) Provision for enquiry and information: reader, scribe, soft copies of reading materials, green reading.

Creating disabled-friendly facilities the college has accessible entrances and exits with ramps and sloped pathways. Accessible restrooms are maintained.



RAMP FOR DISABLED PERSONS

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WASHROOM FOR DISABLED PERSON



WHEEL CHAIR FOR PH PERSONS


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