



## 7.2 BEST PRACTICES

### BEST PRACTICE –I

#### AN ECO-FRIENDLY CAMPUS FORMATION AND PRESERVATION

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## NSS ACTIVITY ORGANISED REPORT

ACADEMIC YEAR 2020-21

### PLASTIC FREE CAMPUS

Sri Indu Institute of Engineering and Technology – NSS cell has organized awareness programme on plastic free campus in our college campus on 12<sup>th</sup> February, 2021. The programme has started with our Principal Dr. I. Satyanarayana making introductory speech. For this event, all heads of the departments, staff Members and students have participated in this programme.

#### A REPORT ON PLASTIC FREE AREA

Using plastic by people leads to hazardous environment in the society. it creates lot of pollution and animals get killed due the consumption of plastic. the government and the ngos should participate vigorously and keep the environment plastic free. So our lives are decided by the environment in which we live. The principal appealed to all to avoid usage of plastic to keep the campus neat and tidy.



Plastic Free SIET



Awareness on Plastic Free Campus

  
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**NSS ACTIVITY ORGANISED REPORT**

**ACADEMIC YEAR 2020-21**

## SWACHH BHARATH

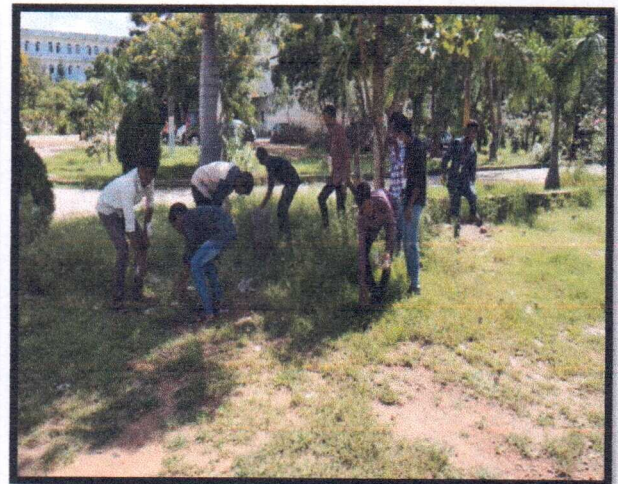
Sri Indu Institute of Engineering & Technology – NSS cell has organized “Swachh Bharath” event on 10<sup>th</sup> December, 2020. NSS Student volunteers have visited Nomula village and cleaned entire village with the motto of save the environment and created awareness on tidiness some of the staff members and students have participated in this program. Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India.

### BRIEF NOTE ON HARITHA HARAM:

A clean India would be the best tribute India could pay to Mahatma Gandhi on his 150 birth anniversary in 2019, said Shri Narendra Modi as he launched the Swachh Bharat Mission at Rajpath in New Delhi. On 2nd October 2014, Swachh Bharat Mission is synonymous with national movement. While leading the campaign for cleanliness, the Prime Minister exhorted people to fulfill Mahatma Gandhi’s dream of a clean and hygienic India. Shri Narendra Modi himself initiated the cleanliness drive at Mandir Marg Police Station.



Swachh Bharat in Campus



Student Participation

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## NSS Event Organized Report

Academic Year 2020-21

### HARITHAHARAM

Sri Indu Institute of Engineering and Technology – NSS cell has organized “HARITHAHARAM” in our college campus on 9<sup>th</sup> October, 2020 with great fervor. The programme has started with our Principal Dr. I. Satyanarayana lighting the traditional lamp. For this memorable event, all heads of the departments, staff Members and students have participated in this programme.

#### BRIEF NOTE ON HARITHA HARAM:

The program was launched by Telangana Chief Minister Kalvakuntla Chandrasekhar Rao on 3 July 2015. It is one of the Telangana Flagship programme to rejuvenate degraded forests, protecting these forests from threats such as smuggling, encroachment, fire and grazing. It adopted intensive soil and moisture conservation measures based on a watershed approach.


The principal Dr. I. Satyanarayana started planting trees in the beginning of the programme on this great occasion, several students staff have attended and made this programme successful.



Tree plantation By Faculty



Participation of the students

  
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## HARITHA HARAM

Haritha Haram program organized by our institution in sheriguda village on 05-12-2020 with social responsibility. The main motto of this programme is sought to be achieved by a multi-pronged approach of rejuvenating degraded forests, ensuring more effective protection of forests against encroachment and conservation measures following the watershed approach.



Tree plantation by the staff in village



## CLEAN AND GREEN LAKE

Sri Indu Institute of Engineering and Technology-NSS cell has organized programme on Clean and green Lake on 13<sup>th</sup> Feb, 2021. The main aim of the Programme is to clean the lake near sheriguda village and planting of trees.



After cleaning the lake, students and local people are gathered



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### SOLAR WATER HEATERS:

Array of solar panels installed on rooftop of college hostel building. It is part of solar system to provide hot water and is one of the major alternate sources of energy, which results in saving electricity a scarce resource in our country.



Solar water heater



Array of solar panels installed on rooftop of college hostel building.



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### **BICYCLES AND PUBLIC TRANSPORT:**

There is the usage of bicycles by most of the students and faculty who are living near to the college. This helps in reducing the emission of carbon dioxide obtained by vehicle usage.



Cycles Parking





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### **PEDESTRIANS FRIENDLY ROADS:**

Campus has sufficient space for parking vehicles of staff and students. Roads inside the campus are well maintained. Pedestrians can walk safely through the campus through walk friendly pathways.



The college has pedestrian road for walking.



## **SANITARY NAPKINS INCINERATOR:**

Our institute encourages sanitary napkin disposing needs, here the used napkins is converted into a sterile ash. It helps to destroy used napkins in a scientific and hygienic way so, it is very suitable for all ladies toilets to get a pollution free hygienic environment.



The college has the facility of Sanitary napkins incinerator.



The college has the facility of Sanitary napkins wending machine.



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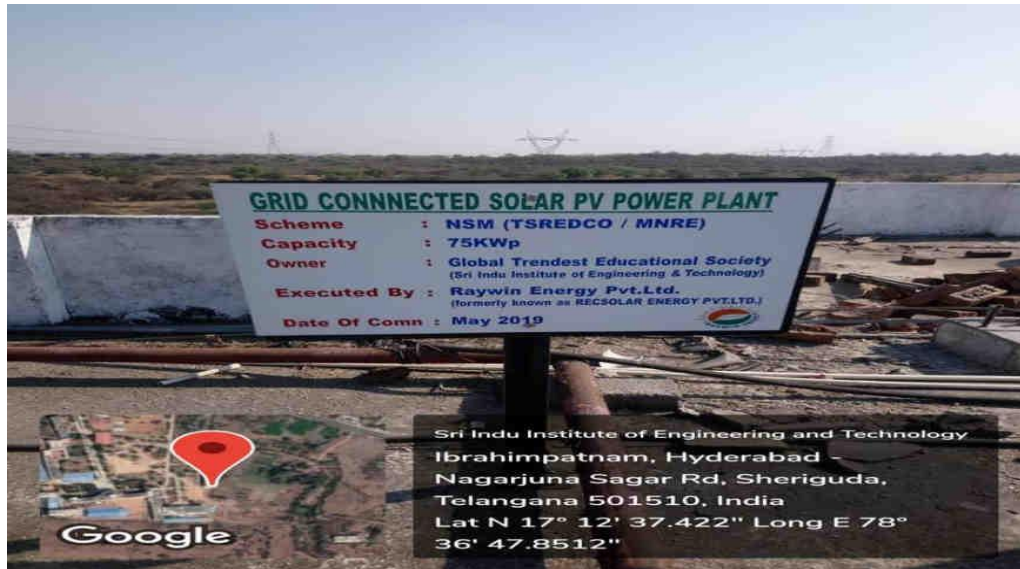
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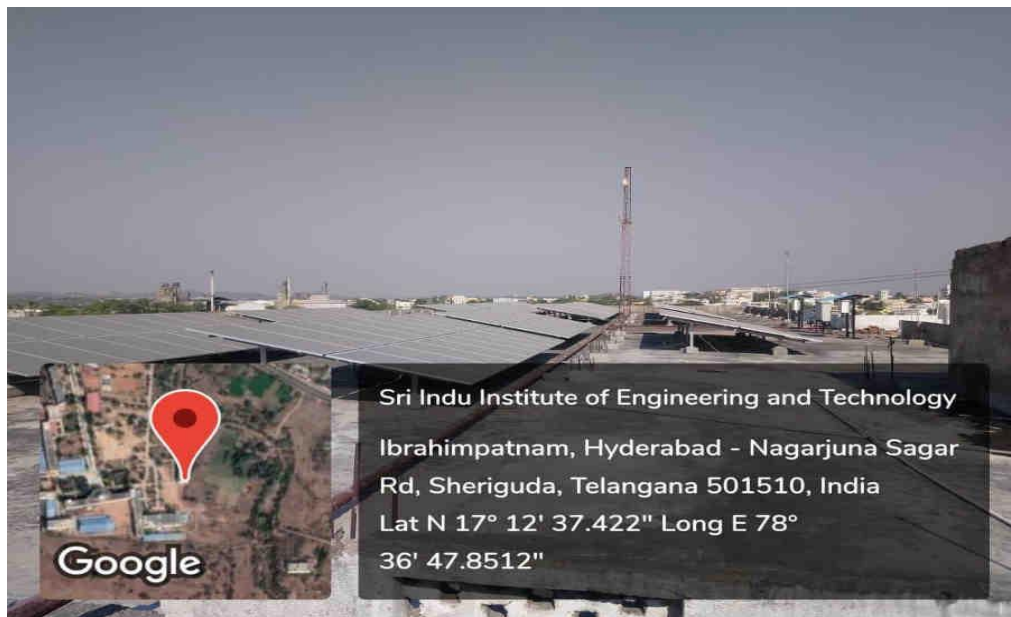
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## GRID CONNECTED SOLAR PHOTO VOLTAIC POWER PLANT:

The institution has a solar power project of 75 KWP. Advanced technology based solar equipments where installed. So that the emission will be reduced. On-grid solar power systems generate power using a solar power system and are directly connected to the utility power grid.



The college efficiently using solar energy by installing solar panels on roof of building and it produces 75kwp.



Array of solar panels.



## **RAIN WATER HARVESTING PIT:**

A recharge pit allows the rainwater to replenish groundwater by recharging the underground aquifers. It can be built to recharge a borewell or just to help the water infiltration in an area. A recharge pit can be totally invisible when finished.



The college has the facility of rain water harvesting pit.



Rain water harvesting pit



## **VERMICOMPOST:**

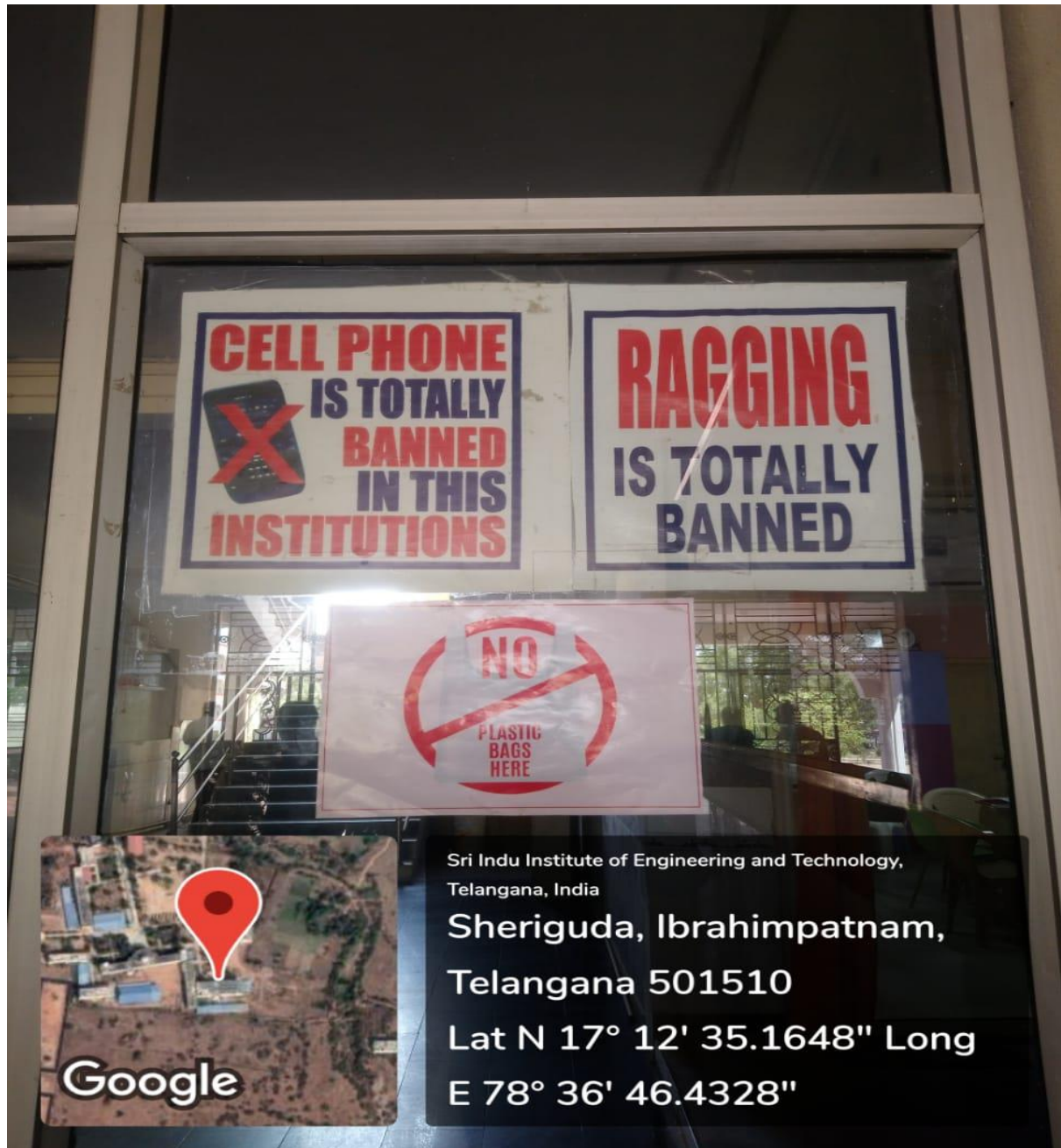
Vermicompost is the product of the decomposition process using various species of worms, usually red wigglers, white worms, and other earthworms, to create a mixture of decomposing vegetable or food waste, bedding materials, and vermicast.



Vermicompost

## Ban on use of plastic

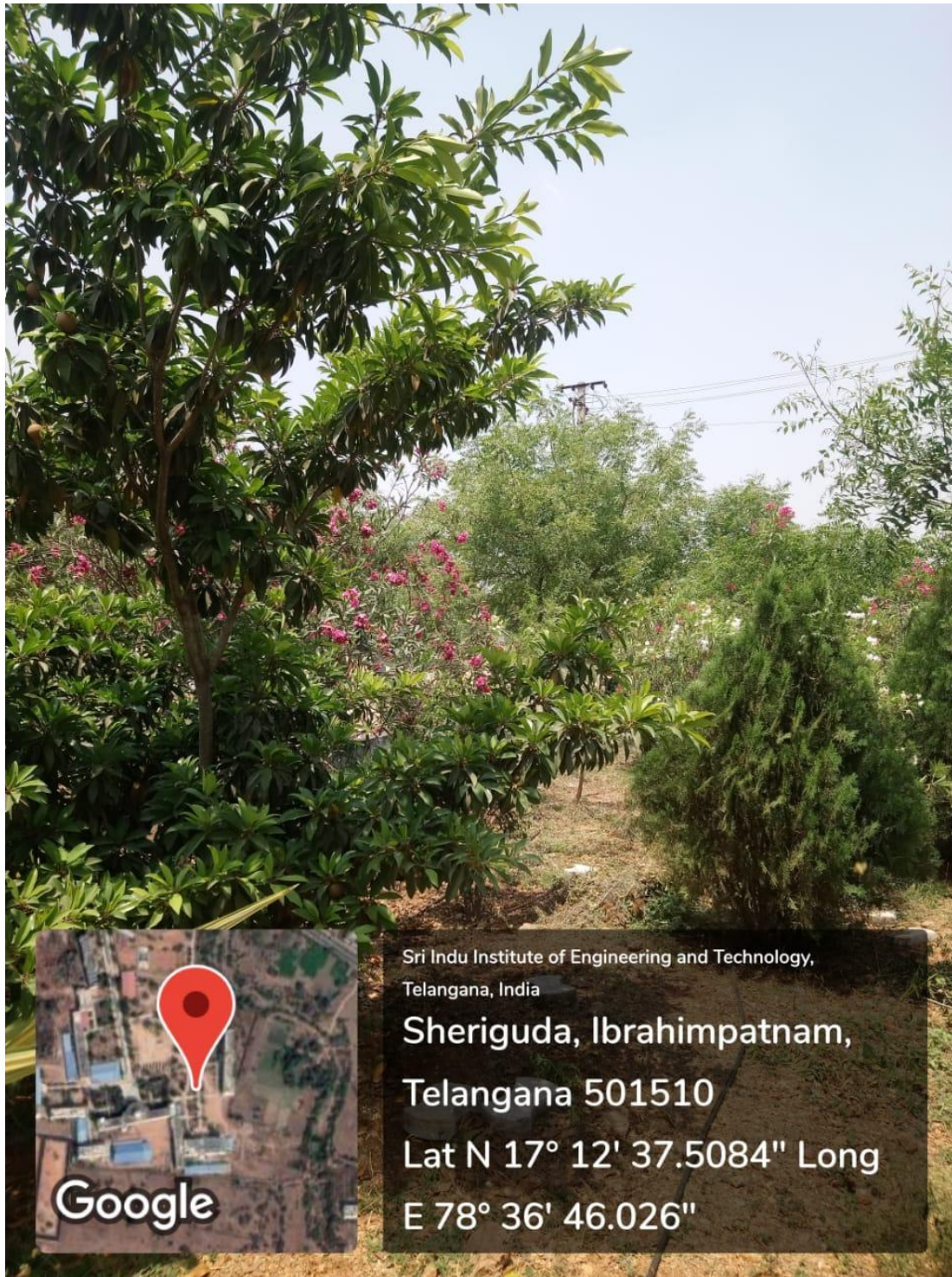
- Single-use plastic items such as plastic bottles, bags, spoons, straws and cups are banned completely and awareness is created among staff and students through orientation in the premises.
- To restrict the use of plastic, measures have been taken to replace plastic tea cups and glasses with steel glasses in the canteen. The staff and students are informed to use steel or copper water bottles instead of plastic bottles.



Sign boards are placed at entrance and corridors

## Landscaping with trees and plants

Landscaping of the college is worth seeing and reflects aesthetic sense. The institute has a canopy of trees and plants to make the environment pollution free to safeguard the health of all the inmates. The lawns and the trees provide shade and beautiful ambience. Utmost care is taken to develop and maintain green landscaping by trained gardeners and supervisor. The construction, maintenance and beautification committee constituted in the college looks after the development and maintenance of the greenery in the campus.



Garden in campus