

***BEST
PRACTICES
2021-2022***



GEETANJALI INSTITUTE OF TECHNICAL STUDIES

NH 76, Airport Road, Dabok, Udaipur, Rajasthan 313022

Best practice # 1

1. **Title of the practice:** PROMOTING GREEN AND ENVIRONMENT FRIENDLY PRACTICES IN GITS CAMPUS

2. **Objectives of practice:**

- To contribute towards environment conservation by promoting green practices in the campus
- To ensure that the students understand the importance of following green practices in life
- To minimize carbon footprint in GITS campus

3. **Context:**

As we are all aware that the environment conservation has become the need of the hour, owing to constant pollution and hazardous human activities, the environment has suffered miserably. It is a high time that we mend our ways and stop harming the environment any further.

Conducting activities with the objective of environment conservation is one of the ways in which students can be sensitized about the environment. GITS Udaipur undertakes such green initiatives regularly. The institute has adopted and conducted many practices which directly contribute to environment conservation.

4. **Practice:**

A number of activities have been planned and conducted by GITS Udaipur to reinforce the idea of environment conservation and inculcation of the same in the students.

The activities conducted ranged from plantation to no usage of polythene in the campus. The institute uses solar power for much of its needs. The campus is lush green with a large variety of flora. The institute has installed an AQI meter which has been made by the students of GITS. The AQI meter correctly measures the air quality and displays it digitally. The details of the activities conducted are mentioned below along with photographs.

5. **Evidence of success:**

- Students have adopted habits of cleanliness, use sanitizers frequently.

- Health of the students and faculty residing in campus has improved; fewer incidents of health breakdown are reported.
- The lake cleaning machine developed by GITS has been used to clean lakes many a times.
- Greenery in the campus has been appreciated by stakeholders such as parents etc.

6. Problems Encountered:

- Availability of time with the students and faculty was a difficulty encountered. Time was squeezed out of the schedule of the faculty and students.
- Encouraging students to volunteer was initially tough.
- Financial constraints were encountered while undertaking charity based activities.

ACTIVITIES INVOLVED IN THE PRACTICE

PLANTATION ON THE CAMPUS

Geetanjali Institute of Technical Studies proudly boasts of 26 acres of lush green campus. There is a rich variety of plants and trees in the campus. Every year, students undertake the plantation activities to further enrich the green campus of GITS. Neem, which is considered to an air purifier is present in good numbers in the GITS campus.



POLICY OF NOT USING SINGLE USE PLASTIC

The institute has made it a point to not use single use plastic. In the institute cafeteria and elsewhere, the policy is strictly implemented and followed. Paper cups, plates and glasses which are recyclable are used in canteen. Consumers of Plastic bottles of soft drink and water are encouraged to take the same with them and reuse those.



USE OF SOLAR POWER FOR CAMPUS

The institute believes in harnessing the solar power for the needs of the campus. Solar power plants are installed in every building in the campus and 200 kW power is being produced in order to fulfill the power needs of the campus through solar way.



BATTERY OPERATED VEHICLE DEVELOPED BY GITS STUDENTS

The concept of battery operated vehicles is to use charged batteries on board vehicles for propulsion. The vehicle derives all power from battery packs and thus has no internal combustion engine. The battery operated vehicles have no emissions in the place where they are used. Electric cars are 100 percent eco-friendly as they run on electrically powered engines. It does not emit toxic gases or smoke in the environment. An electric car is far cheaper to run without any noise pollution.

Battery Operated Vehicle

Team name - Techie Prohets **Green Campus Initiative by Students of Final Year , Mechanical Engineering**



Team members: 1. Deepak joshi 2. Kuldeep singh rao 3. Bhawani shankar joshi 4. Harshad Pandya
5. Jeevan singh Rathore 6. Dravin sharma 7. Kunal prajapati 8. Ashok meena 9. Devendra Singh Rao

INSTALATION OF SOLAR WATER HEATING EQUIPMENT

Solar water heating equipment has been installed on the roof of all the hostels and faculty residential buildings. This reduces carbon footprint and reduces the want of electric power. GITS has been harnessing solar power in a big way. 22 Solar water heater systems with more than 13000 litre capacity Tanks, are installed on top of various building including hostels



ACHIEVING CARBON NEUTRALITY BY ADEQUATE PARKING OF VEHICLES

Geetanjali Institute of Technical studies aims to achieve carbon neutrality through proper vehicle parking. Except staff vehicles, other vehicles are not allowed inside. Staff vehicles are parked near the exterior boundary of the institute ensuring minimum carbon footprint in the campus. Staff members are encouraged to use CNG fitted vehicles in order to minimize air pollution. Car pooling is also a practice that the staff members follow. In this way, they further contribute towards decreasing air pollution in the campus.

AQI READING MACHINE DEVELOPED BY THE STUDENTS OF GITS

A machine to read Air Quality Index [AQI] has been developed by the students of GITS and is installed in the institute premises. The machine helps in the tracking and monitoring of air quality in the GITS campus, hence, helping in the tracking of the carbon footprint. The Air quality of GITS campus has to be found very well.



Best practice # 2

1. Title of the practice: INCULCATING AND PROMOTING HUMAN VALUES IN STUDENTS THROUGH SOCIAL INITIATIVES

2. Objectives of practice:

- To contribute towards social welfare in various ways, not only to fulfill organization's social responsibility but also to inculcate sensitivity in the students.
- To ensure that the students grow into balanced social individuals besides developing their technical competence.

3. Context:

In the modern times, upkeep of human values has become a challenge; these values are on a constant decline. In this scenario, educational institutions have a greater role to play in order to restore human values in the students.

Conducting social activities with active participation of students is one such way to inculcate human values in the students. The college taken utmost care that students are sensitized about the society and are oriented towards their overall well being. A number of social activities are conducted with the objective of ensuring that the students grow into balanced social individuals.

4. Practice:

A number of activities have been planned and conducted by GITs Udaipur to reinforce the idea of development and inculcation of human values in the students.

The activities conducted ranged from plantation to donation of food and articles at orphanages and old age homes. Student counseling sessions, preparation of immunity boosting food, yoga, visits to primary schools to spread joy among the school kids were other important activities taken.

5. Evidence of success:

- Students have developed sensitivity towards social issues.
- Fewer incidents of student's disputes on and off the campus are being reported.
- They follow practices of healthy living like practicing yoga etc
- A greener campus of GITS due to regular plantation activities
- GITS Udaipur appreciated by district administration for its efforts in fight against covid

1. Problems Encountered:

- Availability of time with the students and faculty was a difficulty encountered. Time was squeezed out of the schedule of the faculty and students.
- Encouraging students to volunteer was initially tough.
- Financial constraints were encountered while undertaking charity based activities.
- Cooperation of the public was less.

The details of the activities conducted are mentioned below along with photographs.

ORGANIZING BLOOD DONATION CAMPS

Blood can be life saving if the needy get it at the right time. Understanding this, Geetanjali Institute of Technical studies Udaipur conducts Blood donation camps regularly. The students of the institute whole heartedly contribute units of blood in the camps in a safe and hygienic environment under the supervision of senior doctors.



Ancient drink made by dadiji..

Ingredients :-
 1. Giloy
 2. Neem
 3. Tulsi
 4. Black Pepper
 5. Honey (as per taste)

Day-2 Immunity booster

Simple Recipe: -
 1. Giloy, neem, basil leaves, wash them all.
 2. Grind the neem and basil leaves in the mixer.
 3. Add black pepper powder.
 4. Mix everything well and your drink is ready.



Earthworm

Put into cow dung

Vermicomposting

After 60 days vermicompost is ready




**‘JOY OF GIVING’ ACTIVITY ORGANIZED AT ASHA DHAM ASHRAM IN UDAIPUR.
ACTIVITY INVOLVED B. TECH. 1ST YEAR STUDENTS.**

Joy of giving activity was conducted by B. Tech. 1st year students of Geetanjali Institute of Technical Studies, Udaipur at Asha Dham Ashram in Udaipur. The students contributed their time money and efforts towards the noble cause.



PLANTATION PROGRAMS CONDUCTED BY GITS

From time to time, Geetanjali Institute of Technical Studies has been involved in plantation programs. This is done with the twin objective of environment conservation as well as sensitizing students towards the flora and fauna. In return, it helps them to become balanced social individuals.

