



# Priyadarshini Institute of Technology & Science

CHINTALAPUDI - 522 306, Near Tenali, Guntur Dist.,

Under Management of INDIRA EDUCATIONAL SOCIETY, HYDERABAD.

College Code : X2, Recognised by Govt. of A.P.

Cell. 91333 98725, 91333 98726

---

Approved by A.I.C.T.E. NEW DELHI & Affiliation to J.N.T.U., KAKINADA.

e-mail : [principalx2@gmail.com](mailto:principalx2@gmail.com), [principal388@gmail.com](mailto:principal388@gmail.com)

---

## 7.2.1 DOCUMENTS RELATED TO THE EVIDENCE OF SUCCESS FOR TWO BEST PRACTICES

### **BEST PRACTICE-I**

#### **Setting up organic farming:**

- **Goal:**

To promote organic vegetable farming in nearby villages and make the village self-sufficient in vegetable produce.

- **Context:**

Chhattisgarh is a consumer State for vegetables and fruits which depends on other states in India for some of these food products. The fruits and vegetables required by the state are received mainly from M.P and U.P. Most often the vegetables arriving in the state are laden with hazardous chemical pesticides. This creates health problems in diverse forms. In this context the NSS units of college can take up the mission of creating awareness about the harmful effects of consuming pesticide laden vegetables and fruits and persuading the 5d/ some inn/2015 people who are interested in vegetable cultivation by setting up organic vegetable gardens in selected households.

- **Practice:**

The NSS volunteers can take up the initiative to set up vegetable gardens in BHUBHARATI with the expertise input by the experts in Priyadarshini Institute of Technology & Science (PITT) who can also fund the project. Seeds required for setting up the gardens are provided by Y.BABARAO the NSS volunteers may assist in maintaining the gardens. Particular care can be taken to avoid the use of chemical fertilizers and pesticides.

- **Evidence of success:**

There can be innumerable requests from various people in the Panchayat to assist them in setting up such vegetable gardens in their homes.

- **Problems encountered:**

Initially, the villagers are reluctant to provide space for setting the gardens. They will be doubtful about the quality of seeds, maintenance of the gardens and also about the expenses to be incurred.



# Priyadarshini Institute of Technology & Science

**CHINTALAPUDI - 522 306, Near Tenali, Guntur Dist.,**

**Under Management of INDIRA EDUCATIONAL SOCIETY, HYDERABAD.**

**College Code : X2, Recognised by Govt. of A.P.**

**Cell. 91333 98725, 91333 98726**

---

**Approved by A.I.C.T.E. NEW DELHI & Affiliation to J.N.T.U., KAKINADA.**

**e-mail : [principalx2@gmail.com](mailto:principalx2@gmail.com), [principal388@gmail.com](mailto:principal388@gmail.com)**

---

## **BEST PRATICE -II**

### **1. Title of the Practice: GREEN CAMPUS INITIATIVE**

### **2. Objectives of the Practice**

Priyadarshini Institute of Technology & Science (PITT) has taken an initiative to create 'Green Campus'. Green environment in PITT includes supporting practices such as investment in renewable as rain water harvesting and solid waste management.

#### **Objectives:**

1. To recharge ground water by means of rain water harvesting
2. To manage the solid waste by the use of vermicompost

### **3. The Context that required the initiation of the practice:**

Water in the ground is stored in the interstices (inter-particulate spaces) of the soil or rock that forms the earth. In rain water harvesting, water is collected from roof tops and taken to the aquifers after necessary treatment. If it is not possible to charge the aquifers, the water can remain in the soil along with surface storm water to improve the groundwater.

Vermicomposting provides nutrients to the soil, increasing the soil's ability to hold nutrients which are easily absorbable for the growth of plants. It improves the soil structure, aeration, internal drainage of heavy clay soils, and also provides numerous beneficial bacteria.

### **4. The Practice:**

**Rain water harvesting:** There are two approaches to rain water harvesting; storing of water for direct use and recharging of groundwater. At PITT, a plot with area of 6000Sqm is paved and the slope is provided towards storm water drainage. All the rooftop water and surface water is also directed in the same way.



# Priyadarshini Institute of Technology & Science

CHINTALAPUDI - 522 306, Near Tenali, Guntur Dist.,  
Under Management of INDIRA EDUCATIONAL SOCIETY, HYDERABAD.

College Code : X2, Recognised by Govt. of A.P.

Cell. 91333 98725, 91333 98726

---

Approved by A.I.C.T.E. NEW DELHI & Affiliation to J.N.T.U., KAKINADA.

e-mail : [principalx2@gmail.com](mailto:principalx2@gmail.com), [principal388@gmail.com](mailto:principal388@gmail.com)

---

Biodegradable solid, generated at PITT consists of dry leaves from plants, food wastage etc PITT uses vermicomposting for management of biodegradable solid waste which is recycled into manures. PITT, in collaboration with NAGAMALLESWARI SCRAP TRADERS Ltd., has constructed a vermicompost facility in college campus. This facility has helped in waste recycling as well as solid waste management.

## 5. Evidence of Success:

Solid wastes are separated into organic waste and inorganic waste. Organic waste is used to make vermicompost and inorganic waste is disposed of at specified location in College campus in an appropriate manner. Composting pits have been created for food waste from the hostel mess and the canteen. The vermicomposting system has resulted in cleaner campus, due to effective management of solid waste.

## 6. Problems Encountered and Resources Required:

PITT had grown in Chintalapudi village. This village could absorb pollution generated by vehicles both air as well as noise on the busy Vijayawada Road. It had potential to play a crucial role in making the campus greener besides the entire community and ecosystem within 2km radius. It would have helped sensitize the student community and general community at large about the environment and need to go green. It requires manpower to maintain such initiatives.

For sustaining our green initiative of PITT, more financial resources and manpower would be required.

  
PRINCIPAL

PRINCIPAL  
PRIYADARSHINI INSTITUTE OF  
TECHNOLOGY & SCIENCE  
CHINTALAPUDI, Luggirala Mdl.  
Guntur - 522 306