

## A Green IIT Campus should adopt

1. Green cover (with some biodiversity)
2. Water and soil conservation
3. Green Transportation within campus (wherever feasible)
4. Waste Management

## Other Suggestions

1. Avoid permanent flooring around trees. This ultimately chokes the tree. There are some standards for the amount of space to be left around the tree.
2. We can have a policy to avoid use of chemical fertilizers and pesticides, and move completely towards organic one (we are largely organic, but a declaration of sorts would help). This would ultimately protect our ground water.
3. We urgently need a waste management plan for campus
  - a. We should have gradually a 4-bin system on a PPP Basis. I can explain some details later.
  - b. Chemical disposal policy.
  - c. Disposal of construction waste material (it happens in very haphazard fashion in green areas degrading the quality of soil)
  - d. Waster water treatment. A lot of it goes untreated into nullah around airstrip. Aeration ponds are non-functional for extended periods.
  - e. Unloading of construction material, especially around corners is a big hazard (not a green issue but related one)
  - f. Can some of the 'protected' green areas be unfenced (at least partly)?
  - g. Few year ago, I guided a few undergraduate students to do a survey of mess waste. While it came to light that some of it is being 'used in nearby pig farms, a significant portion still be left unattended especially as new hostels/ residential areas are added pm campus. Perhaps we may plan a **Vermicompost** facility on campus based on voluntary labour contribution of campus residents. We have done so for our IGIDR campus in Mumbai. This would generator interest for waste separation as well.



CORE GREEN

CORE GREEN /  
FRUIT ORCHID

Airstrip, IIT Kanpur

Lightly wooden with some green  
clusters

CORE  
GREEN

Type IV, V and VI Quarters

Landscape  
for Water  
harvesting

CORE  
GREEN

CORE  
GREEN

CORE  
GREEN

Village

245

31E-A

252-A

421

ME

Academic Area, IIT Kanpur

LHC

Hall 2

Park 67

Landscape  
for Water  
harvesting

Lightly wooden with some green  
clusters

CORE  
GREEN

Landscape  
for Water  
harvesting

Lightly wooden with some green  
clusters