

GREEN CAMPUS

The GRIET has undertaken a “Green Campus” initiative seeking to take a holistic approach to campus sustainability. Its main focus is on campus flora fauna, water use applying methods, solid waste management, alternative energy resources, etc.

GRIET’s environment makes an aesthetic impression on those who step into the campus while simultaneously presenting the pedagogical/academics mission. Consequently, students along with faculty learn and live on and around campus to gain a new dimension to their learning and teaching experience and an increased appreciation of the natural world.

GRIET campus is divided into six sectors and the sectors are allotted to different branches respectively.

1. **Sector A (BME, BT& IT):** It starts from the college main gate. Move straight up to administration office and take left towards canteen. After reaching steps near canteen move down wards on the steps to the playground. After reaching playground move right along the edge of ground up to the end of it and then take left along the edge of ground towards the college boundary. From here move towards college gate until you reach starting point.
2. **Sector B (ECE):** It starts from the canteen steps towards playground. Move down wards on the steps to the playground. After reaching playground move right along the edge of ground up to the end of it and then take left along the edge of ground towards the college boundary. At this point take right turn and move the Ganges valley school boundary and take right turn. From here move straight along the school boundary towards school bus parking area and then take right until you reach the back side of block 2. From here move towards canteen steps where you started in the beginning.
3. **Sector C (CSE):** It starts from school bus parking area and move along the college boundary until you reach the back side of block 4. From here again move along the path which takes you to the college bus parking area. From here move towards school bus parking area from where you started in the beginning.
4. **Sector D (EEE & BS):** It starts from the canteen steps. Move along the back side of stadium and reach the back side of Block II. From here move towards the back side of Block I and then move towards the back side of Block IV. From here reach the Ganesh statue along the edge of Block IV and Bridge. From here move downwards towards admin office. From here take right turn and move towards canteen steps from where you started earlier. This sector covers Block I, Block II, Block III and Block IV.

5. **Sector E (ME):** It starts from the back side of Block IV. From here reach the Ganesh statue along the edge of Block IV and bridge. Take left turn and reach the back side of Pharmacy block and then move towards college campus boundary. At this point take left turn and move along the college campus boundary and reach the back side of Block IV from where you started earlier.

6. **Sector F (CE):** It starts from the Ganesh statue. From here move towards back side of pharmacy block until you reach the college campus boundary. At this point take right turn and move until you reach college entrance gate. From here reach Ganesh statue along the road edge. It covers pharmacy block.

7. **Sector G(MBA & MCA) :** It starts from the college entrance gate and move along the road which connects Nizampet to Bachupalli road. From here take U-turn and come along the road towards college and take left turn along the road towards Miyapur. Again take right turn along the road towards college entrance gate from where you started earlier.

Flora and Fauna

Sector A

Rain Tree (*Albizia saman*)



Indian Neem

(*Azadiracta Indica*)

Yellow flame tree (*Peltophorum petrocarpum*)



Indian Rose wood

(Shesham)



Gulmohar (Delonix Regia)



White Popinac (Sababul)



Flora of sector -A

S.NO	Name of the tree	Number of trees	Uses of tree
1	Neem	46	Used for eye disorders,liver problem.The bark is used for malaria and skin disease.Flowers used for treating intestinal worms.Neam is used as an insecticide.
2	Yello flame	45	The wood is used in cabinet making,foliage use as fodder crop
3	Gulmohar	12	It is used to treat costipation,inflammation and arthritis.
4	Sababool	10	Increases the production of milk in cattle and also used as fertilizer,fuel,fodder,pulpwood.
5	Badam	5	Fallen leaves are used as an herb to treat liver diseases,diarrhea,prevent cancer.
6	Vippa	3	It is used for the skin care to manufacture soap and detergents and also used in production of alchol
7	Shisham	4	Called as Indian Rose Wood, Used as timber,fuel,toothbrush.
9	Pongamia	4	Cure skin diseases and wounds.

Alternative energy sources

They are all those things that do not consume fossil fuel and are widely available also environment friendly. They cause little or almost no pollution.

Solar Energy

It's the first energy source available in the world. This energy is being used much earlier before humans even learn how to light a fire. Most of the living things are dependent on solar energy from humans, plants, aquatic life and the animals. The solar is mostly used in generating light and heat. It is one the alternative energy source that is used most widely across the globe. About 70% of the sunlight gets reflected back into the space and we have only 30% of sunlight to meet up our energy demands.

GRIET has made promising efforts in using this solar energy.

Energy saving habits practiced on GRIET

1. Switch It Off

- **Turn Things Off When You're Done:** A desktop computer or a laptop running 24/7 can burn worth of electricity over five years, which is three times more than if it is put to sleep when unused. Make "switch it off when done" a smart household habit for all lights and electrical, electronic devices.
- **Turn It Off:** Don't forget to flick the switch when you leave a classroom. Turn out or dim the lights in unused conference rooms, and when you step out for lunch. Work by daylight when possible.
- **LED Bulbs:** A new LED (light-emitting diode) LEDs are the way to go as they work great and use up to 85 percent less energy to deliver the same amount to light. Today's LED light bulbs come in virtually any shape, light level or flavor you can imagine. They reach full brightness instantly, dim, and direct the light exactly where you want it.