

# GREEN BUILDING DESIGN-- REAL GREEN LANTERN

Green Buildings are not green in color externally, but is greener internally. It is the practice of creating structures and using processes that are environmentally responsible and resource efficient.

The ideal green building would be a building project that would allow you to preserve most of the natural environment around the project site, while still being able to produce a building that is going to serve a purpose. The construction and operation will promote a healthy environment for all involved, and it will not disrupt the land, water, resources and energy in and around the building. This is the actual definition of a green building.

The Building should have the following Benefits:

## **Environmental Benefits:**

- Reduce wastage of [water](#)
- Conserve natural resources
- Improve air and water quality
- Protect [biodiversity](#) and ecosystems
- Maximum usage of Daylight

## **Economic Benefits:**

- Reduce operating costs
- Improve occupant productivity
- Create market for green product and services

## **Social Benefits:**

- Improve quality of life
- Minimize strain on local infrastructure
- Improve occupant health and comfort

## **RULES**

- The Building can be designed for a single house or a society living.
- The students should bring a Static Model or PowerPoint Presentation of the building which is satisfying the above said rules.
- The Building will be evaluated based on the “How the above Benefits are been incorporated”.
- The students with static model will be given additional points.

- Results announced by the judges will be final.

## **PRIZES**

Cash prize to the top two teams.

All registered participants will receive a certificate of participation from NIT Tiruchirappalli.