

GEEN BUILDINGS

What is the Concept of Green Buildings?

The concept of green building is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout the building's life-cycle.



USEFUL TIPS

The primary source of heat build up is sunlight absorbed by your home's roof, walls and windows. Dark-coloured home exteriors absorb 70% to 90% of the radiant energy from the sun that strikes the home's surfaces. In contrast, light-coloured surfaces effectively reflect most of the heat away from your home.

Carefully positioned trees can save up to 25% of a typical household's energy used for cooling. Trees planted on the south and west sides will help your house keep cool in the summer.

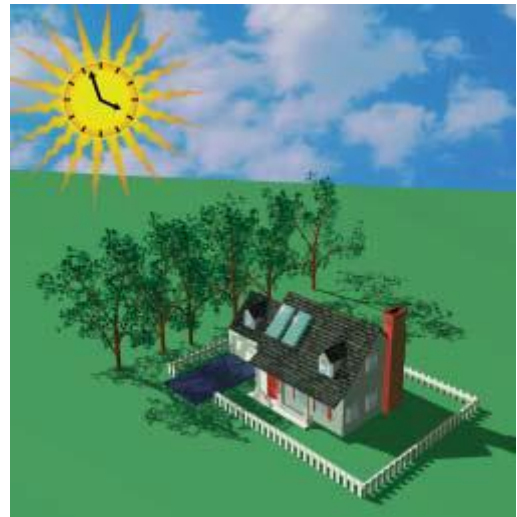
Shading and evaporative cooling from trees can reduce the air temperature around your home.





Provide facilities to collect rainwater for external use i.e. garden/cleaning or other purposes.


Reduce surface water run-off (water from toilets, showers, rainwater etc.) by constructing a water discharge pit to improve water seepage into the ground.

Compost: Create compost pit in your backyard. Composting is nature's way of recycling. It converts plant waste and biodegradable wastes into a rich soil-additive.

Keep a 'food discard' collection container (for composting) handy at the sink.



-  Select materials using recycled components.
-  Consider local facilities and utilities.
-  Install solar panels.
-  Use energy saving lighting like CFL, T-5, LED, etc.

 Use energy efficiency (BEE ranked) appliances.

BASIC CONCEPT OF GREEN BUILDING

- Efficiency in using energy, water, and other resources.
- Protecting occupant health.
- Reducing waste, pollution and environmental degradation.

Let us Save the Planet

YOU CAN HELP!



- 🌿 **Letter vs. e-mail:** Sending e-cards and e-mails rather than paper-based mail can save on waste paper. This will indirectly save electricity and fuel by way of processing and transporting.
- 🌿 **Donate Unused Items:** Donating unwanted items (reasonably conditioned clothes, text and notebooks, working household goods, etc.) to charity is a worthwhile cause.
- 🌿 **Shopping:** Avoid products with a lot of packaging. Choose products with simple wrappers so that you avoid generating wastes. Many things we buy have unnecessary amounts of plastic and paper around them.
- 🌿 Organically grown foods reduce the amount of pesticides and herbicides used on crops. **BUY LOCAL FOODS.**
- 🌿 Visit your local farmers' market and buy fresh fruits and veggies, which are not wrapped in plastic. You will be supporting local farmers and your body will thank you for the healthy, nutrient-rich foods.
- 🌿 Purchase meat from a local butcher, rather than buying pre-packaged meat.
- 🌿 **Trees:** Plant more trees - A single tree will absorb one ton of carbon dioxide over its lifetime. They provide shade, clean air, and also mask noise.
- 🌿 **Lighters:** Rather than buy plastic disposable lighters, consider investing in a refillable multi-use lighters.