

*This issue of Greenolution Digest gives you a glimpse of the Green Initiatives undertaken by our employees.*

*Look out for the winners of the December issue.*

*Do not miss out our fun sections which will tickle your brain and force you to think!*

*Happy Reading!*

## Green Initiatives at a Glance!



### Water Harvesting

The Trombay Civil Maintenance Division has taken one **step towards the Green** by commencing a pilot Water Harvesting project. The project was commissioned on 14 Jan 2012 near "E face of O & S building". The team has installed a 5000 litres capacity syntax tank and innovatively diverted all overflow water of the cooling tower through down take pipes to the Syntax tank.

This has led to collecting 5000 litres of water daily which was earlier were discharged in to drains without any reuse. The collected water is being reused for gardening purpose in nearby area, which results in savings in daily required City water. Also during the monsoons 5000 litres of rain water can be stored and used for various civil construction purposes.

**Way to go GREEN HEROES!**



## Green Desk

Every day, people come home after a day of work and almost simultaneously start using many energy intensive-things; they turn on the television, the computer, turn on the lights if it's dark, they plug in their cell phones and gadgets... And then they start cooking food.

We are all getting more aware of our energy consumption when it comes to cars (hybrids and electric cars are getting more popular) and to lighting (compact fluorescents will take over in only a few years), but most of us are still in the dark when it comes to energy-efficient cooking. Here's a few tips to get you started on the road to low energy cooking-

### The **HOT & COLD**

The first thing that you should become aware of around the kitchen is hot & cold. It takes a lot of energy to cool something down, and it takes a lot of energy to heat it up. That's where the savings can be made.

For example, don't leave the fridge or freezer door open longer than necessary. Conversely, don't use more hot water than you need to.

### Size Matters

When heating something, make sure that the heat actually goes where you want it to. This means that you should be careful to match your pots and pans to the appropriate burners on your range. Otherwise a lot of the energy you're using is just heating up the air in your kitchen.

### Consolidate your baking schedule

Whenever possible try to bake multiple things at the same time if there's enough space in your oven and the recipes call for the same baking temperature or one after the other all on the same day. That way you only have to warm up the oven once, and you benefit from the residual heat left over from the previous recipe.

### The Pressure cooker is energy's friend

It allows you to cook food faster, without heating up your kitchen as much, and using less energy. Hard to argue against that! Pressure cooking works because as the air pressure increases inside the sealed pot, the boiling point of water decreases. Only the microwave is more energy efficient (and you can't do everything in the microwave).

### The old advice of lids and closed doors

Keep lids on pots, don't open the oven door. Every time you allow heat to escape, you'll have to use more electricity or gas.

### Use the Microwave

Microwaves are more energy efficient than stoves by a pretty large margin. They aren't appropriate for everything, but if there are things that you cook on the stove out of habit but that could just as well be done in the microwave, you should considering switching.

Content courtesy: <http://recipes.howstuffworks.com/common-energy-cooking-tips.htm>

## Green Quiz

The modern word green has its roots in the word \_\_\_\_\_

- a. Grow      b. Great      c. Life      d. Light

It is better to leave a CFL on, rather than put it on and off multiple times.

- a. True      b. False

Which material below can be used to produce paper?

- a. Hemp      b. Panda Excrement      c. Sheep Skin      d. All of the above

Please send your answers to [Greenolution@tatapower.com](mailto:Greenolution@tatapower.com)

In case of more than two correct entries, winners will be chosen through draw of lots

### December Issue

The winner for the December issue is-  
Mr. Hiren Chauhan

*Congratulations to our Winner!*

## Green Quotient

How Green are you? A toe-dipper or a deep-ender? Answer the 5 simple questions and you shall know! Calculate your points by adding the numbers in front of each option

### To drive around;

- a. I am looking into retrofitting my car.. so that it runs on left over French fry oil (2)
- b. I drive alone. Will continue! (0)
- c. I have a hybrid/alternate fuel vehicle (5)
- d. I want to keep my current car but I follow things like carpool, keeping tires inflated, etc. (4)

### I take public transportation;

- a. Daily for my travel to work (4)
- b. I am not a bus/train person, but I don't mind carpool (2)
- c. When hell freezes over (0)
- d. Public transport is for eco-sissies, I always walk or bicycle (5)

**It would be greener if you ate;**

- a. Only packed food (0)
- b. Organic, locally produced, raw food (5)
- c. Opted for produce that's fresh and grown and manufactured locally (4)
- d. In restaurants (2)

**A Green home to you is;**

- a. A house made of mud and thatched roof (5)
- b. A home with good insulation, windows and Energy Star – rated appliances (4)
- c. A Green Vinyl sliding (0)
- d. Low toxin paint for the house (2)

**Your idea of a great vacation is;**

- a. Taking your bike and driving across the length and breadth of the country (0)
- b. Going to a remote place and experience the joys of a simple living (4)
- c. Staying at home and enjoying the garden (5)
- d. Go to an expensive eco spa and enjoy the pampering (2)

**Your Green Quotient is;**

If your score is 0-5 – Well, you are not even dipping your toes in the green pool and you know it!

If your score is 5-10 – You are dipping your toes but are lazy to do anymore! Come on give it a shot

If your score is 10-15 – You are doing it well! You are conscious of the environment and you take steps to ensure a green living

If your score is 15-20 – It's hard to believe you actually do these things! There is a difference in what is possible and what is idealistic

**Green Canvas**

This canvas is specially created for all of you who believe **GREEN** is the new way of Living!

Next time whenever you come across a **GREEN thing**, capture it and send it to [Greenolution@tatapower.com](mailto:Greenolution@tatapower.com)

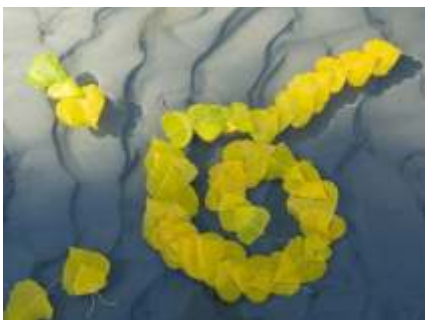
We will feature the top 10 clicks on our Greenolution Digest.



Saket Porwal



Saket Porwal



**Image courtesy** - <http://photography.nationalgeographic.com/photography/photos/life-color-green/>

Do share your feedback with us on [Greenolution@tatapower.com](mailto:Greenolution@tatapower.com)