

Green Jution

Greenolution e-Newsletter, June 2015





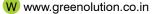




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Selfies have taken the world by storm. If you own a camera phone (never mind, even if it does not have a front-facing camera!), chances are that you have at least a dozen selfies! Jokes aside, we got a bunch of you to send us photos with your plants – desk plants, home plants, neighbourhood trees, just about anywhere. Here's what we got –

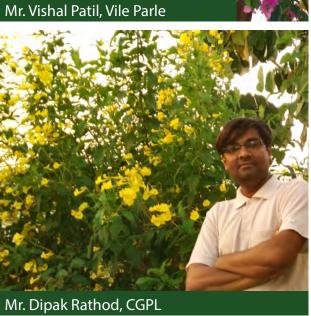




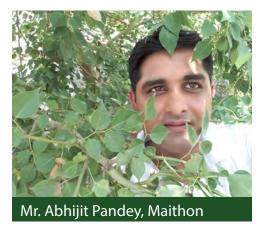
















Waste Management The need of the hour!



Waste management is a set of activities that include:

- 1. collection, transport, treatment and disposal of waste;
- 2. control, monitoring and regulation of the production, collection, transport, treatment and disposal of waste; and
- 3. prevention of waste production through in-process modification, reuse and recycling.

The term usually relates to all kinds of waste, whether generated during the extraction of raw materials, the processing of raw materials into intermediate and final products, the consumption of final products, or other human activities, including municipal (residential, institutional, commercial), agricultural, and special (health care, household hazardous wastes, sewage sludge). Waste management is intended to reduce the effect of waste on health, the environment or aesthetics.

Issues relating to waste management include:

- Generation of waste
- Waste minimization
- Waste removal
- Waste transportation
- Waste treatment
- Recycling and reuse
- Storage, collection, transport, and transfer
- Treatment
- Landfill disposal
- Environmental considerations
- Financial and marketing aspects
- Policy and regulation
- Education and training
- Planning and implementation.







Waste Management The need of the hour!

Waste management practices are not uniform among countries (developed and developing nations); regions (urban and rural area), and sectors (residential and industrial).

Another application of the waste management is to recover various resources from it. It involves the management of solid, liquid, and gaseous wastes. Each type of waste requires a different methods and fields of expertise.

Tips to manage waste

Helpful Hints for Home, School & Work

Don't Use It In The First Place (Reduce)

The best way to stick to the plan is not to generate the waste in the first place. Here are some alternatives to disposable items -

Instead of	Try This
Paper lunch bags	A reusable, washable canvas bag or lunchbox
Baggies, plastic wrap, aluminum foil	A reusable container
A regular pencil	A mechanical pencil
Paper memos / reports	Use e-mail
Paper / plastic cups	Bring a washable mug
Single-sided copies	Make all possible copies double sided
Using virgin paper in fax machines	Reuse the blank side of bad copies. If needed you can make a clean copy later
Buying new scratch pads	Reuse the other side of excess documents
Multiples of the same subscription	Share one copy am one office personnel





Waste Management The need of the hour!

Use It As Much As Possible (Reuse)

A lot of what we toss away as waste can actually be reused. It's up to us to let them live out those lives!

- Reuse old product binders for other papers
- Computer disks and file folders can be used over and over.
- Empty tissue boxes can hold pens, pencils, etc.

Do It Again (Recycle)

Once a product has exhausted its lives, make it part of the great cycle. So, send it back to start over again as something new!



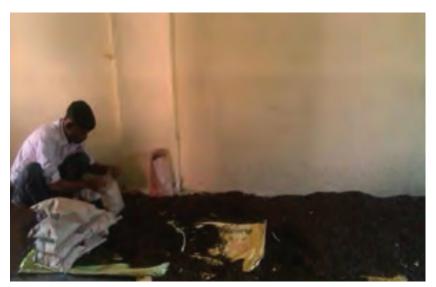
Waste Management at home

- Shopping in bulk is good. Just be sure to buy only what you can use before the expiration date.
- Bulk shopping only works if it reduces the packaging. It doesn't help if the bulk pack consists of a lot of little packs. Look for minimal packaging.
- Instead of tissues, use cloth hankies
- Flow reducers on faucets and shower heads save as much as 3 gallons of water per minute.
- Plastic milk jugs make great bird feeders
- Broken clothes pins become magnets
- Spring clip on hangers make great paper clips for large bundles
- Paper towel tubes are a pet rodent's and small animal's delight
- That old rug will work great in the garage to keep oil off the floor, make a soft spot for Spot, and keep kitty litter where it belongs
- Baggie ties are great emergency shoelaces
- Baggies are great for taking tissues with you and a lot cheaper than buying purse packs
- Coffee cans can be used to bake bread, store small toys, decorated and used for small garden tools, sewing accessories, etc. Just be sure to smooth the cut edges

Content credit: http://www.purchase.edu/Departments/HealthAndSafety/Recycle/wastemanagementtips.aspx



Meet our newest Green Heroes!



Converting domestic wet waste into manure

Household waste is the most common kind of waste that is generated, and if not handled well. it can contribute to pollution. To ensure better management, Organic Waste waste an Convertor plant was commissioned at the Company's housing colony in Kalyan. At present, roughly 20kgs of manure is produced each month.

Green Heroes: PB Marathe/ K K Singha (Civil Dept.) / N J Nigam (ES & A)



And, a basket made using old newspapers! Mr. Mahendra Dwivedi from BORL, Bina, has made a cute basket using old newspapers.



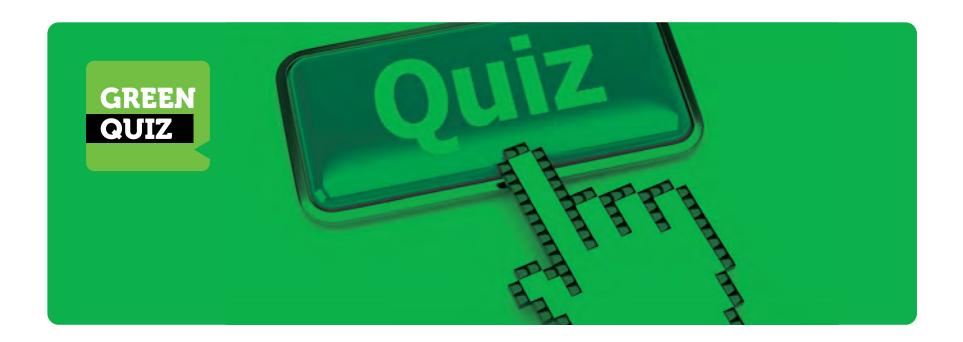
A pen stand using scrap material!

Mr. Priyanshu Jha, along with contract employee Mr. Ravi Kawde, has made a pen stand using scrap material. All he used was an empty paint box and thermocol.



Mr. Behera, while setting out for office, spotted a bird weaving its nest on his drumstick tree. When he got back however, he was disheartened to see that twigs and bits from the bird's nest had fallen on the ground, perhaps a result of windy weather. Not wasting a moment, he got onto mending the nest with a strong wood thread rope.





- 1 Which statement describes one type of biomedical waste?
 - A. Materials that may be poisonous, toxic, or flammable and do not pose disease-related risk.
 - B. Waste that is saturated to the point of dripping with blood or body fluids contaminated with blood.
 - C. Waste that does not pose a disease-related risk.
- How are Chemical waste materials to be stored for disposal?
 - A. In separate containers, each labeled with the contents and identified as waste.
 - B. Mixed with other materials in one container, labeled with a list of the contents and identified as waste.
 - C. In original containers only and identified as waste.

- 2 Biohazardous waste can be one of the following.
 - A. Hazardous chemicals
 - B. Controlled substances
 - C. Cultures, Stock, or Specimens of Microorganisms, Live or Attenuated Vaccines, and Human/Animal Cell Culture
- How is Radioactive waste disposed of?
 - A. Specific packaging criteria set out by the Atomic Energy Control Act.
 - B. Into containers lined with yellow bags and labeled radioactive waste.
 - C. Into containers lined with clear bags and labeled radioactive.

Send in your answers to employee-feedback@tatapower.com

To know the winner for last issue, visit <u>www.greenolution.co.in</u>



An Ode to Mother Earth

What is WED? World Environment Day;

Let us all celebrate in our own Unique way!!

WED is not just for One Day; It is a continuous process: Day after Day.

Seven Billion Dreams. One Planet. Consume with Care; 2015 WED Theme: Remember and Always be Aware.

Natural Resources are Depleting at an Alarming Rate; It may not be too far to see our Planet in a Sorry State.

Caring Wholeheartedly to Preserve our Beautiful Planet; Striving hard to lead us to a State of No Regret.

Preserving Mother Earth, for Future Generations; Holistic Conservation for Perennial Celebrations.

Reduce, Reuse and Recycle for Waste Management; Practical Education for Overall Acknowledgement.

Innovative measures to reduce Carbon Emission; Path breaking ways to Reduce Noise and Air Pollution.

Out of the Box Solutions to reduce Global Warming; Creative ideas to encourage Organic Farming.

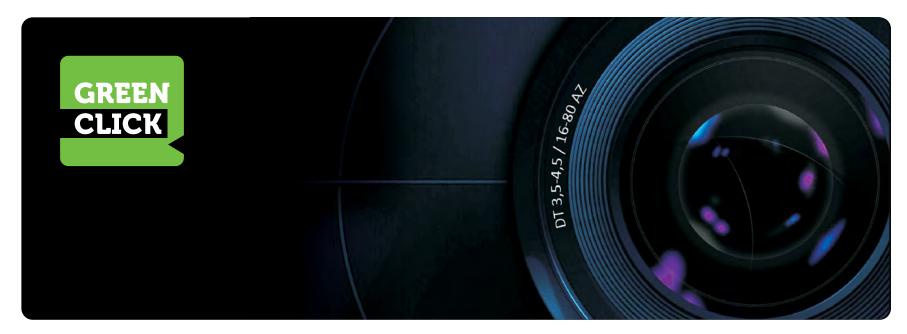
Nature has given us this wonderful Universe; Authors and Poets praising with Prose and Verse.

Let us try to make our world a Better Place; Being Environment Friendly, in Natural Ways!!

-Ashok Rao, Dharavi









Ashish Desai, CGPL



Anil Sajja, Naraj Marthapur



Anu Ramakrishnan, Carnac



Rahul Sute, DCS

