

Drip, drop,
drip, drop...
Heed a
conscientious tip,
wasting water
needs to stop!

Aqua Designs India Limited

Best upcoming Water company of India 2006-07

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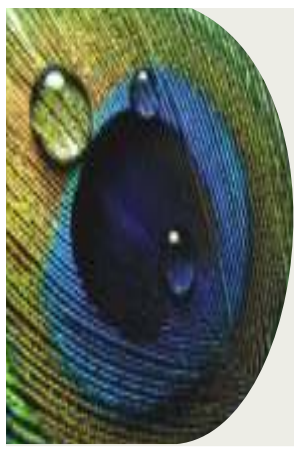
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Monthly Magazine
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AQUA D' EXPRESS



Aqua Designs India Limited



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Aqua' D Express



MD Desk

Dear Associates,
We are approaching the end of this financial year. You are all aware that we need to fulfill our tasks in order to achieve the respective targets. Hence gear up and increase your pace as this is the final leg of this race.

We need to appreciate our projects team and the purchase team for the efforts being put to complete the projects in time. With respect to Operation & Maintenance department a good start has been made with respect to training on site and we will be completing the first round of training for all the sites before June 07.

I appreciate the efforts taken by HR with respect to the Blood donation camp and response to the blood donation camp has been encouraging. Aqua Designs organized this camp along with Kanchi kamakoti Child Trust Hospital with the co-ordination of Cross Blood Foundation. This should be continued covering all the employees.

It was a good participation by our company in the silver jubilee celebration of TNPCB which was conducted in the Environmental Pavilion at the Periyar Science and Technology center and we have placed two models of the recycling system and the one consisting of the Membrane Bio Reactor used in Sewage treatment plant which drew the attention of Honourable Minister for Environment Mr.T.P.M.Mohideen Khan and Mr.N.Sundaradeavn IAS, Chairman of TNPCB. We have planned to make some more miniatures which can be used in future for creating awareness in schools. I wish our HR should draft a programme for conducting awareness on Pollution control mechanism and the concept of 5R (Reduce, Recover, Recycle, Reuse, and Recharge)

I am yet to see more participation from the O&M personnel in giving articles for this magazine and hope to see the next edition flooded with articles from all our sites.

We can We will,

S.Suthakar
Managing Director



Organisational News

Tamil Nadu Pollution Control Board celebrated its Silver Jubilee year on 26th and 27th of February 2007 at Environmental pavilion in Periyar Science and Technology centre at Chennai. Aqua Designsexhibited its Pilot model Membrane Bio Technology and the Effluent Recycling system during this occasion.



The Exhibition was inaugurated by Honourable Minister for Environment Mr.T.P.M.Mohideen Khan. TNPCB Chairman Mr.N.Sundaradevan IAS and the Member Secretary Dr.T.Sekar IFS were also present during the occasion. Aqua Designs were given a certificate by TNPCB Chairman for participation and educating the school children and visitors on conserving water.





Projects

1. Aqua Designs has bagged orders from Pasteur Institute of India, Conoor for STP 24 KLD. ETP - 40 KLD.

2. We have the honour of taking a prestigious order from the Chennai based Balaji Group of Industries which has its major investments in Distilleries. 600 KLD ETP Recycling with three stage RO and a Mechanical Evaporator.

3. This year we have bagged orders from major Breweries and Distilleries and one out of them is Empee Group. We are undertaking a major project at Empee Breweries

of Chennai. Empee Group is among the most diversified business houses in Tamil Nadu. Today, the Empee Group encompasses business activities related to Hotels, liquors, Sugar, Power. 600 KLD ETP revamping and recycling with three stage RO and a Solar pond. We are setting up a WTP for high pressure boiler for Empee Power near Thanjavur with a capacity of 300 KLD.



4. In the Automobiles sector Aqua Designs plays a major part in giving water recycling solutions. WTP with UFRO with a capacity of 171 KLD.

Visteon: A Fortune 500 company in India



Established in March 1997 as a JV of Visteon Corp, USA



Visteon Automotive Systems India Private Limited (VASI) has established as a key player in the Indian automotive component market, in a short span of

5 years. They are the primary suppliers of Auto components to Ford India and also a key supplier to Maruti Udyog and Toyota Kirloskar Motors.

5. Sterlite Industries (India) Ltd is a leading producer of Copper in India. Sterlite, a part of Vedanta Resources, a London listed metals and mining major with Aluminium, Copper and Zinc operations in India and Australia.



Aqua Designs is setting up an ETP with a capacity of 72m3/day at Sterlite Industries, Tuticorin.



O&M A new O&M order has been bagged from Wipro Infrastructure at Irungattukottai for AMC of STP and Annual Chemical and Lab orders.

Nurture relationships

You want to know how to have some fun everyday of your life? Confucius said, "Choose a job you love, and you will never have to work a day in your life." For the most part, he was right. My job is mostly fun, but every job has its days of drudgery. So on those days, learn to play at something else. Have fun improving your interactions with people around you- your

colleagues, your customers, your friends.

Thoreau said: " A friend is someone with whom you may think aloud." The greatest tragedy is not having more friendships.

Everybody needs to laugh and love with family and friends. We all need to keep our balance and our sanity.



It helps to have positive interactions, transactions and relationships.

By putting all these pieces of the puzzle in place, you'll see the whole picture of personal excellence and you'll make a difference in the world. Review your personal plan for excellence often. Keep it in a prominent place as a daily reminder. Personal excellence doesn't have to be a puzzle at all. To make a difference, just do it dream, dare and do it.



Origin of Oceans

1. Why is seawater salty?

If you dip your finger in seawater, and then lick it, it will taste salty. Why is this? Rivers and streams flowing into the sea contain small amounts of dissolved salt that is picked up from the soil. Under sea volcanoes and springs also release salt into the sea. Water leaves the sea through evaporation, leaving behind the salt. So the remaining water tastes more salty. Although salt is being constantly added to the sea through rivers, under sea volcanoes and springs, the excess salt forms new minerals at the bottom of the ocean. So the sea doesn't become saltier.... In fact, the amount of salt in the sea has remained the same for millions of years!

2. What is the difference between sea and an ocean?

All the world's oceans and seas are part of the one continuous mass of sea water. Just because the ocean is so big, humans have divided it up and named the different parts. There are five oceans and several dozen seas. Seas are smaller than oceans and are partially enclosed by land. But otherwise, they're exactly the same.



Global Warming

1. To help reduce the rise of global warming, what is the single most important thing you can look for when buying your next car.

- a. Halogen headlight
- b. Low level dashboard illumination
- c. A properly functioning radiator
- d. Fuel quality and efficiency

2. In the next century, what is expected to happen to sea levels?

- a. Will rise less than a foot
- b. Will decrease
- c. Will rise 2-4 feet
- d. Will remain the same

3. What do scientists believe global warming is caused from?

- a. Earth getting older
- b. Human activity
- c. Changes in animals
- d. The rain forest

4. In which of the following ways do people increase the concentration of greenhouse gases in the atmosphere?

- a. Cutting down trees
- b. Using gasoline powered automobiles
- c. Burning coal to generate electricity
- d. All the above

5. Greenhouse gases cause global warming by

- a. Absorbing & radiating heat from infrared rays
- b. Causing the atmosphere to catch fire
- c. Absorbing the water in the atmosphere
- d. Reflected solar arrays

6. Greenhouse effect is

- a. Important in maintaining the temperature of the atmosphere
- b. Bad for environment
- c. The same as global warming
- d. A cause of acid rain

7. Which temperature measuring method most accurately measures global warming?

- a. Ground based thermometers
- b. Orbiting weather satellites
- c. Weather balloons
- d. Wet and dry bulb thermometers

8. Which of these gases is not involved in global warming

- a. Carbon dioxide
- b. Methane
- c. Nitrogen oxides
- d. Hydrogen

9. Burning of fossil fuels releases lots of following gas into the atmosphere

- a. Helium
- b. Nitrogen
- c. Carbon dioxide
- d. All the above

10. If the emissions of Carbon dioxide were halted today, how long would it take to approach pre-industrial levels?

- a. Immediately
- b. 100 years
- c. 500 years
- d. Never

Answers: 1-d, 2-c, 3-b, 4-d, 5-a, 6-a, 7-b, 8-d, 9-c, 10-b

Source: P. Vijayalakshmi Environmentalist scientist, TNPCB Chennai





The Power of Thinking

Many years ago in a small Indian village, a farmer had the misfortune of owing a large sum of money to a village moneylender. The moneylender, who was old and ugly, fancied the farmer's beautiful daughter. So he proposed a bargain. He said he would forgo the farmer's debt if he could marry his daughter. Both the farmer and his daughter were horrified by the proposal. So the cunning money-lender suggested that they let providence decide the matter. He told them that he would put a black pebble and a white pebble into an empty money bag. Then the girl would have to pick one pebble from the bag. If she picked the black pebble, she would become his wife and her father's debt would be forgiven. If she picked the white pebble she need not marry him and her father's debt would still be forgiven. But if she refused to pick a pebble, her father would be thrown into jail. They were standing on a pebble strewn path in the farmer's field. As they talked, the moneylender bent over to pick up two pebbles. As he picked them up, the sharp-eyed girl noticed that he had picked up two black pebbles and put them into the bag. He then asked the girl to pick a pebble from the bag. Now, imagine you were standing in the field. What would you have done if you were the girl? If you had to advise her, what would you have told her? Careful analysis would produce three

Possibilities

1. The girl should refuse to take a pebble.
2. The girl should show that there were two black pebbles in the bag and expose the money-lender as a cheat.
3. The girl should pick a black pebble and sacrifice herself in order to save her father from his debt and imprisonment. Take a moment to ponder over the story.



The above story is used with the hope that it will make us appreciate the difference between lateral and logical thinking. The girl's dilemma cannot be solved with traditional logical thinking. Think of the consequences if she chooses the above logical answers.

What would you recommend to the Girl to do?

The girl put her hand into the moneybag and drew out a pebble. Without looking at it, she fumbled and let it fall onto the pebble-strewn path where it

immediately became lost among all the other pebbles. "Oh, how clumsy of me," she said. "But never mind, if you look into the bag for the one that is left, you will be able to tell which pebble I picked." Since the remaining pebble is black, it must be assumed that she had picked the white one. And since the money-lender dared not admit his dishonesty, the girl changed what seemed an impossible situation into an extremely advantageous one.

Moral of The Story

Most complex problems do have a simple solution. It is only that we don't attempt to think.



New Comers to Aqua Designs	
Standing L to R	
Maitreye Breme	Engineer Proposals
Shanmuga Priya	Cashier
Sanjay Kr Jena	Asst Manager Commercial
M.Perumal	Engineer Designs
Ravichandran	Engineer QA
N.Chandrasekar	Engineer O&M
Balaji	Electrician O&M
Ramesh	Engineer O&M

