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**Point for discussion this month**

**Revitalisation of Ecosystems**

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Dear Readers,

It's all flowers everywhere when it rains satisfactorily. The land is covered with a blanket of tiny, beautiful flowers inviting all the members of ecosystem. This photograph is from less known hill station in north Maharashtra - Toranmal.

SERI is completing 12 years in the field of developing technologies based on ecological principles. We have continued to work on various types of waste water with innovative approaches and we now to continue our developments by overcoming the hurdles, negations and abhorrence. Sometimes, we received admiration for our obsessive efforts these formative years.

We are looking forward to support form socially aware corporate who intended to take up the project for improvement of environmental quality downtrodden communities. Developing forest on treated industrial waste water will be great service to ecosystem and humanity. In turn, the corporate will get carbon credits and greener image. Its call for "Ecosystem"

Our team is taking sigh of relief as they completed the Environmental Impact Assessment studies for infrastructural project, one DPR for lake restoration, one DPR for one water supply scheme. This month another Aryavaran Sansad on noise pollution in festival will be organized.

Wishing you all best of the green future,

Thanking you,  
Chief Editor

## Call of the “Ecosystem”

Teaching the Solid Waste Management for Jaipur to local officers lead to flickering of vivacious idea to control the sanding of fragile ecosystem of Pushkar’s watershed using liquid and solid wastes. It’s a initiative approach to use natural forces, power of detritus food chain to resuscitate the ecosystem i n harried conditions.



This will need a well designed and determined operations supported with good financial back up and dedicated man power and most important confidence in Ecotechnology. This will be unique kind of experiment ot remediate many problems with one solution. It’s a call of Ecosystem to find the solution not with artificial intelligence and technical hand but with live brain and heart. H<sub>2</sub>O (Head, Heart and orientation) will definitely help us infighting with adversaries of environment and pollution.



SERI can assist state and central government agencies in designing and developing this unique programme on saving the Ecosystem using ‘ Waste Resources’

## Brown Park in the City

Corporation and councils keep some plots reserved for gardens, play grounds and other amenities, facilities. All are keen on developing green lungs for the cities by increasing the number of trees and protecting vegetation. We need to develop some kidneys and livers in the cities in the cities which will filter out waste matters from the cities resources cycle and convert them in to assimilable from for the nature.

This vital function of keeping the urban system free of piling of wastes can be done by developing Brown Parks on especially reserved plots at various locations in the city. Collection of the waste from the city at centralized places means huge conveyance and man power cost and conversion of simple issue in very complicated problems. Simple approach to tackle the waste at source only so that it does not take shape of impossible task.



We have estimated that Pune city will require about 320 plots having area for each brown park, where the liquid and solid waste would be treated using Ecotechnologies or any other technologies which do not require electricity. As per one estimate Pune’s waste water treatment will consume 300 Megawatt. if conventional techniques are employed. Hence, it is necessary to plan today for tomorrow’ better environmental quality.

- Sandeep Joshi

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## Glimpse of Ecotechnology Workshop



Programme started with Ms. Deepali Nimbalkar's preamble and welcome of Guests. From left Er. S. V. Tandale, Sandeep Joshi, Dr. V. S. Ghole, HOD, Dept of Environment Science (UOP), Er. Chetan Pandit, Chief Guest, Dr. M. S. Kodarkar, Chief Guest, Dr. A. D. Patwardhan, Chairman, IEA - Pune Chapter and Er. R. G. Holani, Chairman IWWA - Pune Chapter.



Dr. M. S. Kodarkar was welcomed and felicitated by Dr. A. D. Patwardhan, Chairman, IEA - Pune Chapter while Dr. Ghole and Er. Chetan Pandit look on.



Speakers were introduced by Mrs. Priya Kapole, SERI's Environment Officer.



Presidential address by Er. Chetan Pandit, Chief Engineer, National Water Academy, Pune.



The audience included many eminent personalities like Brig. V. K. Bhat, Commandant Bombay Sappers Group, Vinod Bodhankar, Vishwa Sanskriti, Dr. Amar Supate, Project Leader, Maharashtra Pollution Control Board, Mr. Waghmare, Dty. Director, and Mr. Rakh, Senior Scientific Officer, Public Health Laboratory, Mr. Vidyanand Ranade, ex-Secretary, Ministry of Water Resources, Mr. More, Er. Karmarkar and many others.

## Glimpses of Past Glory of SERI



**Soil Scape Filtration unit installed in Jalgaon's Bosch Chassis Systems India Ltd. (Formerly Kalyani Brakes Ltd.) in 1996.**





Vice Chancellor of North Maharashtra University Prof. Dr. S. F. Patil visited the Soil Scape Filtration – ecotechnological treatment system on electroplating wastewater in 1996. From left Mr. Datar, Maintenance Manager, Mr. Barhate, Civil Engineer, Mr. S. R. Joshi, Vice President of Kalyani Brakes Ltd. (Now Bosch Chassis), Dr. S. F. Patil, and Sandeep Joshi.



Prize distribution at the hands of ex – Member Parliament Mr. Ahire, in one of the ceremony organized by SERI in Dhule in 1996 while Sandeep Joshi looks on and CEO Mrs. Sayali Joshi is compeering.

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### **NewsAnalysis**

## **Towards Greener, Toxic free Ganesh Festival**

It is commendable initiative by the NGOs to tackle the issue of pollution during the festival. Ganeshotsava is an annual festival when the masses come together to celebrate incarnation of Lord Ganapati. These NGOs organize their public awareness programme during such religious festivals only. We request them to take up advocacy, research & field work round the year for the control of toxic slicks flowing through the drains & streams in Indian cities for example,

coloured Waldhuni River in Ulhasnagar being polluted due to industrial effluents, from many years. If they work for such polluted rivers in India, it will be great service to humanity as we are losing clean and pure water resources with an alarming rate. Let's ensure that our fresh water resources remain free of toxics all the time. In this Endeavour these NGOs will definitely get overwhelming response and support from the public.

### **Most polluting Cities in the world**

American environmental organisation “Black Smith Institute” has declared ten most polluting cities from India, China, Russia. According to Black Smith Institute, chemical, metal industries and mining activities of these countries are destroying the environmental conditions in the various cities of the country. Before declaring cities from other nations as most polluting urban centres does Black Smith Institute have surveyed America? What is the current situation of pollution in their cities? Instead of blaming others they should keep watch on their own cities.

### **PM wants to tax water to save it**

Prime Minister Manmohan Singh has advocated holistic approach to water conservation, instead of subsidizing it for human consumption, economic and commercial use. According to Prime Minister Water conservation and management can be done better through a package of incentives and penalties. But common man is already paying tax for the water which he is using. Then why to pay additional tax for the use of water? Conservation can be achieved by popularizing, renovating and maintaining the techniques of water harvesting and recycling using novel technologies. Charging more taxes for the water use is nothing but encouraging corruption and not the conservation of water.

- Pallavi Deshpande

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