

PREAMBLE

Today, there is now a premium on fresh air. If we continue to play foul with the environment and interfere with the already disturbed ecosystem, the day is not far off when we shall rue over the mind –boggling progress and excessive exploitation of nature to feed our follies and glorify our greed

To show our concern for environment is a feeling for the fast deteriorating miler, both natural and man-made , that pricks the conscience of some who take upon themselves the rigorous but the moral responsibility of creating an aware among the people to preserve the delicate balance in the entire ecosystem that has been disturbed beyond repair and recognition in many cases.

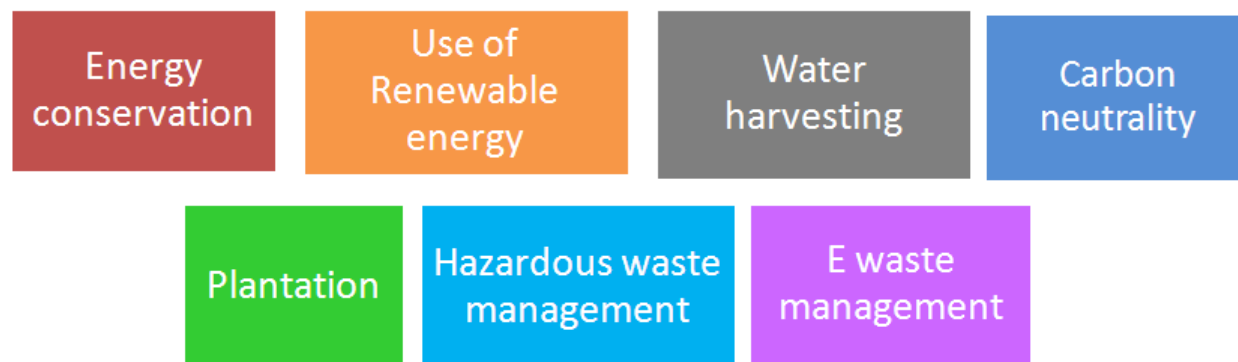
Since the problem of environmental degradation is global, a concerted efforts need to be launched to infuse “environment-conscience” among all and sundry before it gets too late to mend the matters

In this context, institute maintains high standards in terms of keeping the environment of campus green and follows practice that are environment friendly. As a result institute is ISO 9001-2015 certified. Also, it has received Green Audit Certificate.

- A good number of trees in campus are old
- Rainwater harvesting is done for recharging a bore well
- Specially appointed committee periodically reviews the status of equipment's, machines, computers, accessories and lab setups. Those which are obsolete, unusable and non-repairable are scraped
- Periodic calibration and maintenance of equipment's is done to get the best performance
- “Swachha Bharat” campaign initiatives are emphasizes at the institute.
- Audit of electricity/energy consumption is done by M/s. Enrich Consultant, Pune.
- A lab dedicated to modern Micro-Irrigation techniques is developed in association with Rivulis Irrigation Pvt. Ltd. The lab along with a demo plot is proven highly beneficial in explaining concept of conservation of water.

THE INITIATIVES TAKEN BY THE INSTITUTE TO MAKE THE CAMPUS ECOFRIENDLY

Conscious efforts are taken at the institute to make the campus eco-friendly. Students of the institute are enlightened about the importance of energy conservation through relevant programmes Under the aegis of NSS and Paryavaran Club. Paryavaran Dindi is also arranged for social awareness. Initiatives at the institute are

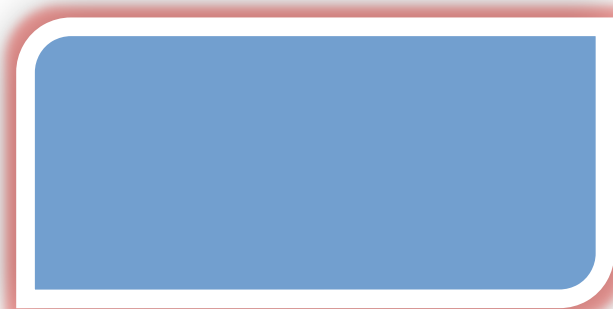


ENERGY CONSERVATION

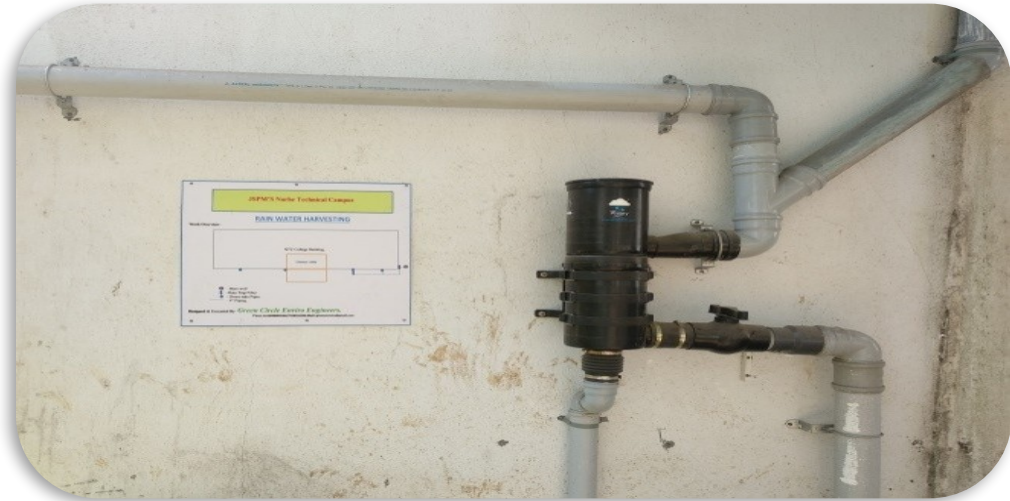
- Awareness is created in institute to save energy by displaying poster and article regularly
- Building classrooms and laboratories are designed in a way to have sunlight utmost period of day hours and to have maximum ventilation and lighting
- Maximum ordinary light are replaced by LEDs .
- Electricals devices are switched off when not in use
- Computer CRT monitors are replaced by LCD monitors to save energy.
- Students are directed to use staircase for minimum three floors to minimize the energy consumption by the use of lift
- Students are encouraged to work on projects leading to energy conservation.

USE OF RENEWABLE ENERGY

- Institute is conscious about the use of renewable energy and constantly creates the awareness and motivates research and implementation in this area
- Faculty and students are encouraged to work on projects on renewable energy
- Institute has proposed and is working on solar roof top as a renewable source of energy



The rainwater over the large terrace of area 340 m² is collected in the bore well which is around 1,90,500 liters per annum.



- Sewage treatment Plant (STP)
The STP is constructed in premises of institute
The capacity of plant is 500 M³
Septic Tank capacity : 500 KLD
The treated water is used for gardening



EFFORTS FOR CARBON NEUTRALITY

The institute rigorously follows some baby steps in the view of carbon neutrality

- Institutes gardens are well maintained
- Commutation by cycle or public transport is encouraged in institute
- Saving on power by properly designed infrastructure to have lightened room
- Use of plastic cup and poly bags are strongly discouraged in campus
- Optimal utilization of printout papers is emphasized
- ICT facilities are instituted at the institute. Paperless office communication is practiced.

PLANTATION

Gardeners are appointed at the institute who takes care of plantation in campus. Specific activities towards plantation are as follows

- Paryavaran club carries out plantation on specific days like “Environment day”.
- “Green Pune Clean Pune” activity was conducted by institute through which plantation was done at nearby areas of College
- Campus has matured trees and farming land.
- Institute prefers to offer sapling to the guests instead of bouquets
- Additional green area is created in infrastructural spaces with the help of potted plants



Tree plantation in campus



HAZARDOUS WASTE MANAGEMENT

- The chips generated during machining and coolant waste are collected properly in the workshop at marked area and disposed out

E- WASTE MANAGEMENT

- Awareness of E-waste hazards is created in institute
- The committee checks the status of the equipment , machines, computers, accessories, kits and lab setups. Those which are obsolete, unusable and non –repairable are scrapped and disposed
- The E-waste generated is given to authorized dealer and recommended to reuse the useful components
- Paryavaran club members taken the program on awareness on E-waste. The E-waste is collected from nearby societies and given to authorize agency
- Students are encouraged to use the usable components in the projects from scrap.

PARYAVARAN CLUB



The club is established by the department of Civil Engineering for JSPM Narhe Technical Campus ,Narhe ,Pune-411041

Vision

To create a clean, healthy and well protected environment supporting a sustainable society and economy.

Mission

To protect and improve an environment as a valuable asset for the society.

To aware our people about the ill effects of pollution.

Objectives

- ❖ To provide an opportunity for students to address the physical and social needs of their communities.
- ❖ To enhance an Environmental and Social Awareness among the people.
- ❖ To provide opportunities for students to address the needs and concerns of the community and our world.

AT A GLANCE

- **Workshop on solid waste management** – Create awareness about solid waste
- **Seminar and poster presentation**- Transforms our views
- **Speech and expert lectures**- Motivates our members and public
- **Paryavaran Dindi** - Create awareness about environmental issues



PARYAVARAN DINDI

A Paryavaran Dindi is a conglomeration of like minded and committed citizens who assembles and march together to create awareness about a Social and Environmental cause by raising carrying decorated placards across the streets



Inauguration of Paryavaran Dindi





Students carrying placards and slogans

SEMINAR



Seminar on Environmental Awareness at Z.P. School , Narhegaon, Pune.

WORKSHOP



Felicitation of guest by Hon'ble Director Dr. R. K. Lad



Students attending workshop



Inauguration of Paryavaran Club

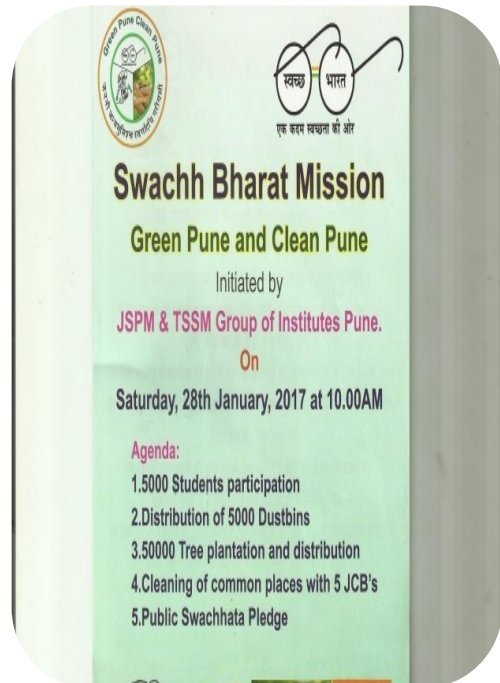
Engagement With Local Community



Collection of E-waste from society



“Swachh Bharat Mission” “Green Pune , Clean Pune”



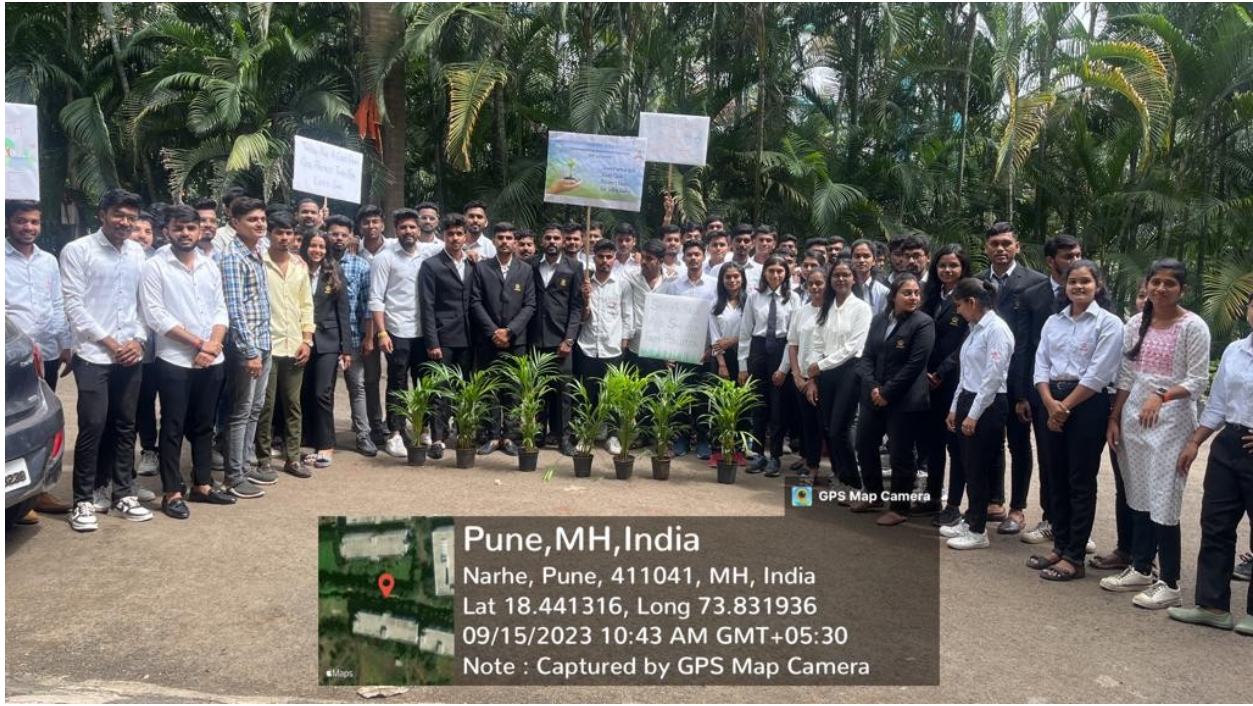
- Agenda:
- 1.5000 Students participation
 - 2.Distribution of 5000 Dustbins
 - 3.50000 Tree plantation and distribution
 - 4.Cleaning of common places with 5 JCB's
 - 5.Public Swachhata Pledge



Certificates – on completion of course for GREENCLUB



Awareness Program & Tree Plantation



Paryavaran Rally & Tree Plantation