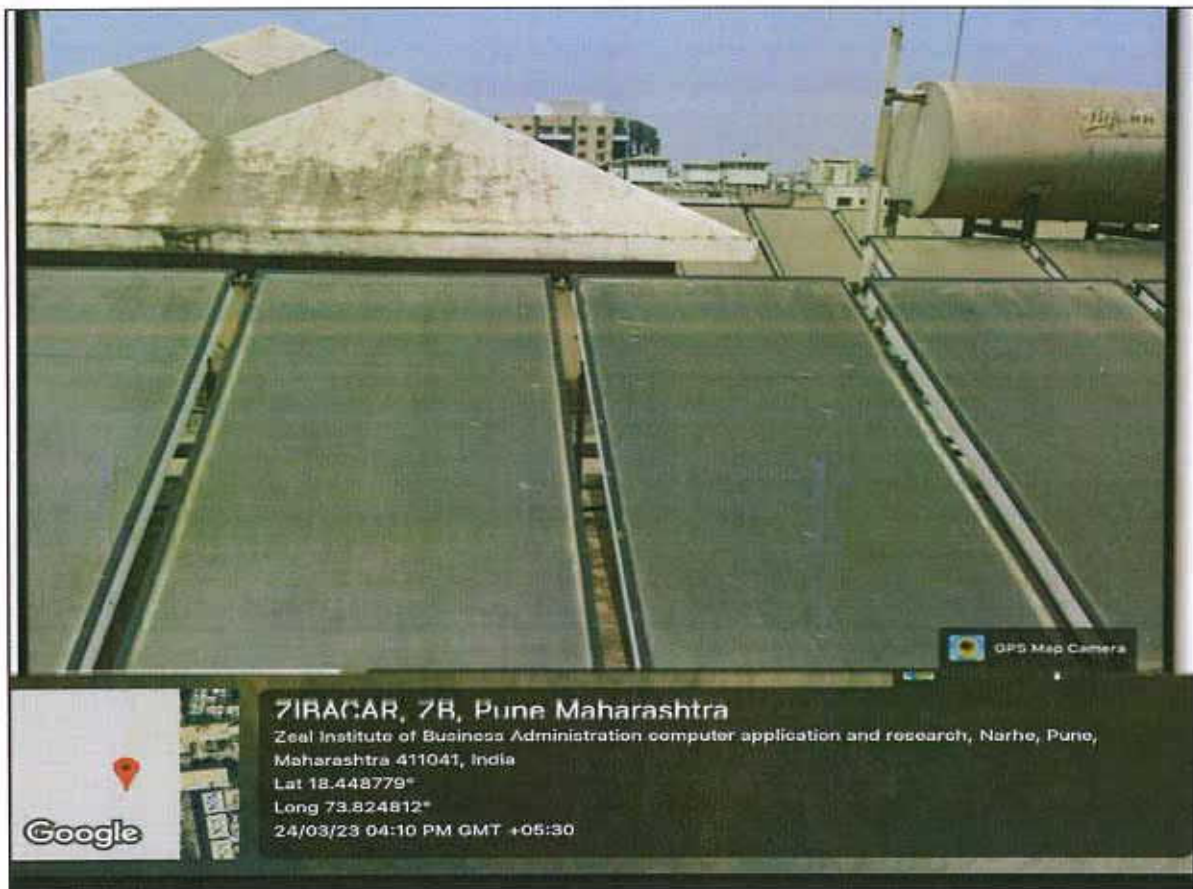




7.1.2: The Institute has Implemented various facilities and Initiatives to promote environment friendly practices

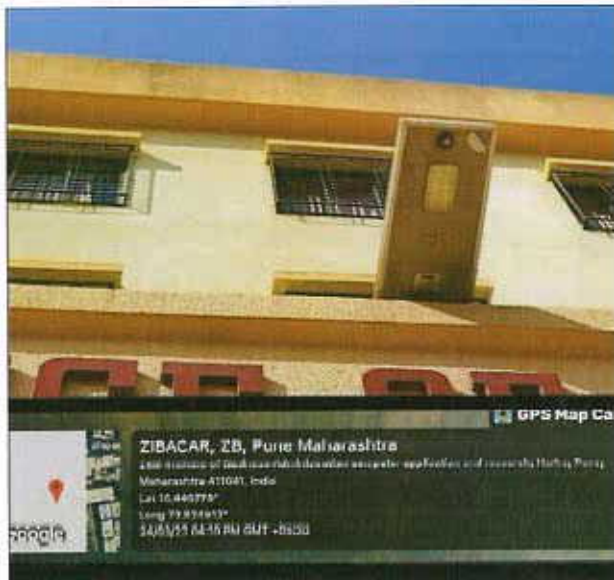
1. Alternate sources of energy and energy conservation measures:

The institute has established system of a 120kW Solar system since 2017 as a part of an alternate energy initiative. Percentage of power requirement of the College met by the solar system is 41-45 kW.





Solar panels at rooftop

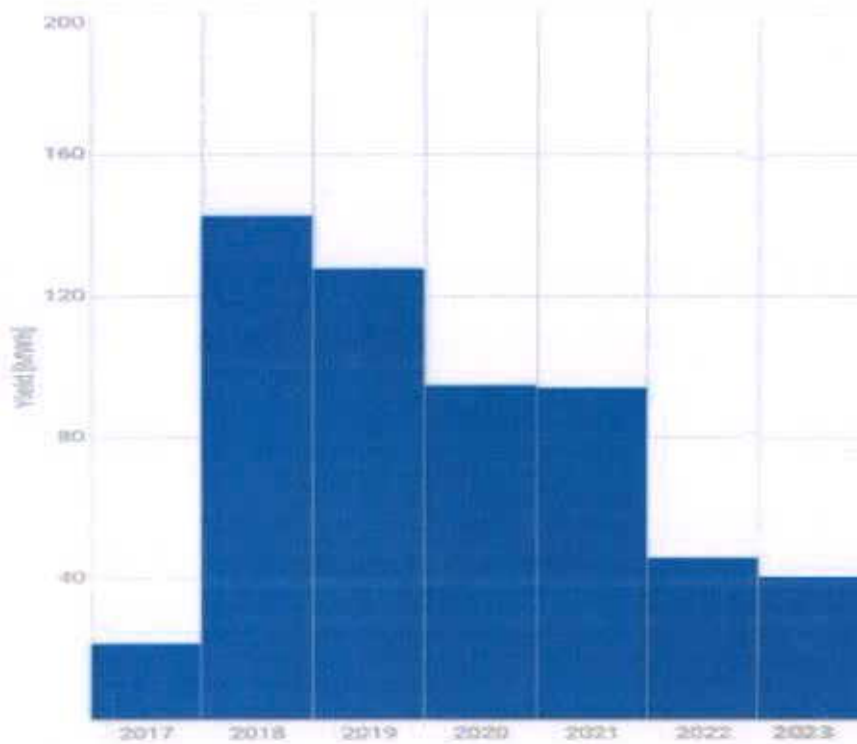


Solar Lamps in Different Buildings





The power generated through this solar grid is monitored through android technology.

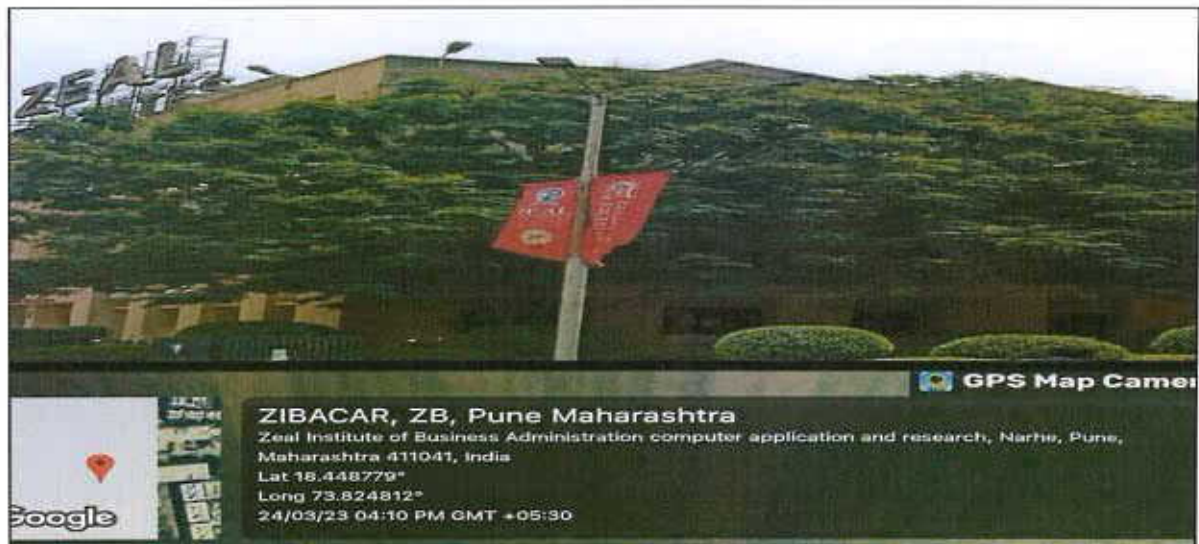


Typical screen of android application showing solar power generation





The campus has solar powered street lighting. Each building entrance light is being equipped with sensor based lighting system.



Solar street lights

2 Management of the various types of degradable and non-degradable waste

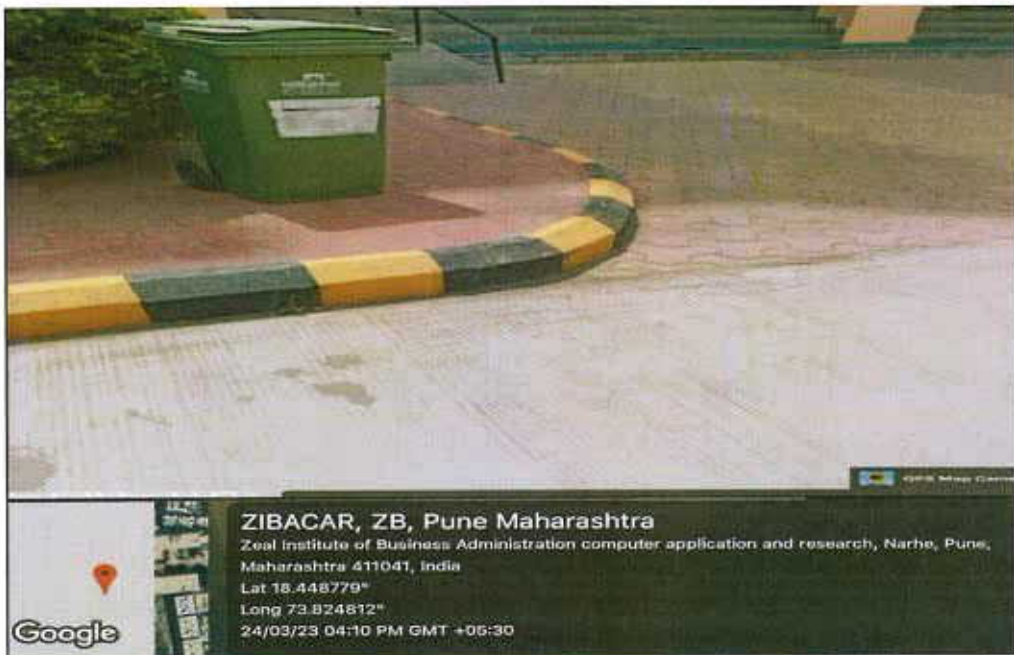
The campus has an efficient system for waste management. The housekeeping team takes care of the segregation of solid waste which mainly includes waste paper, garden waste, and plastic waste. Handling over the collected waste in a segregated manner to local authorities is practiced weekly. No biomedical waste is generated on the campus. In case of any occasions like blood donation camps, sports, etc.; care is taken to hand over the biomedical waste to authorized agencies whenever required.

For the collection of E-waste separate drive is arranged once a year. The collected E-waste is handed over to authorized agencies. Dustbins with standard color codes are placed at various locations for dry, wet, and e-waste.





Photograph showing typical segregated solid waste collection system



Photograph showing typical solid waste collection system





A paper shredding machine is maintained by the store department and these shredded papers are donated to industrial activities. The use of one-sided pages is practiced.



Photograph paper shredding system





3 Water conservation

Institute has open well in premises as water source which is able to fulfill water demand of campus for drinking, sanitation and gardening



Open well in campus





In campus rainwater is harvested and recharging of this open well is followed effectively.



Photograph showing open well recharge through rain water harvesting



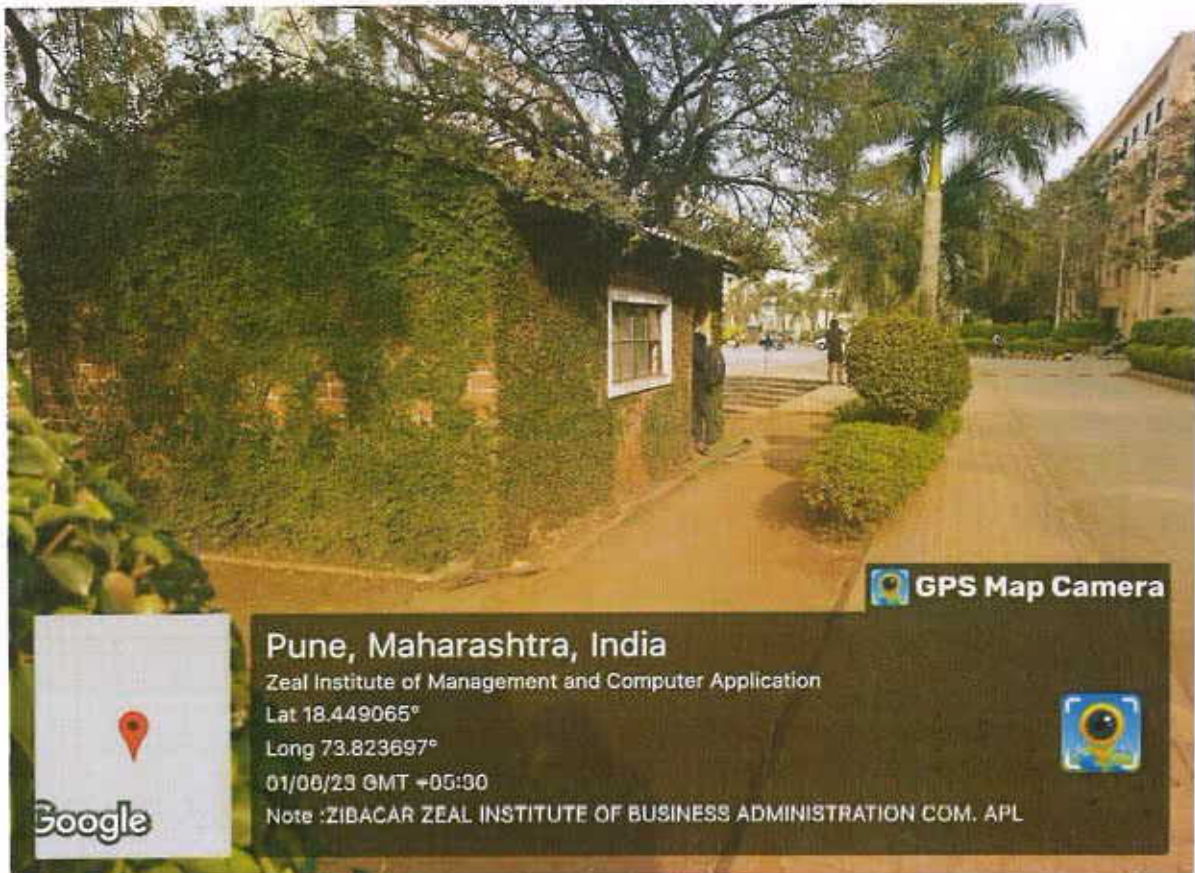


4 GREEN CAMPUS INITIATIVES INCLUDE:

The institutional initiatives for green campus are as follows:

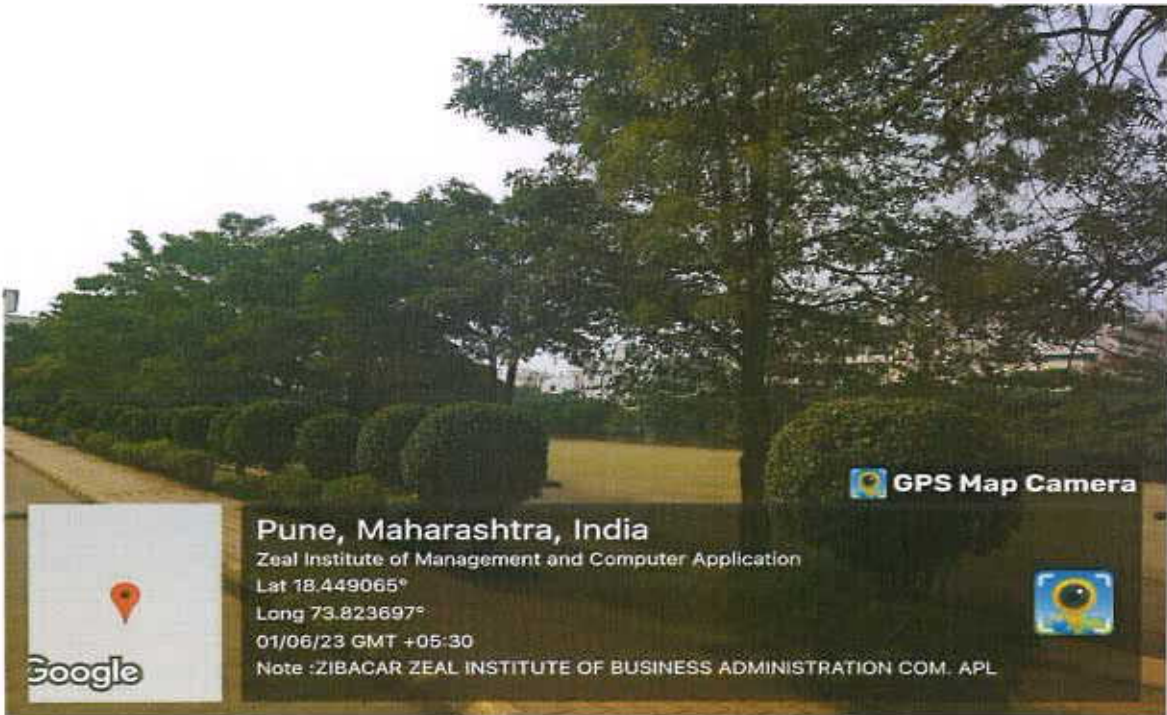
- Landscaping with trees and plants Green Campus Initiatives
- Pedestrian Friendly pathways
- Use of bicycle
- Ban on use of Plastic

The institute premises has excellent greenery along with green House & internal pathways.



Green House in Campus





Greenery in the Campus

USE OF BICYCLES

Students and staff coming from nearby areas also prefer to use bicycle as a mode of transport for attending the institute. It is helpful for the friendly environment and prevents pollution.

BAN ON USE OF PLASTIC

The institute has taken various initiatives to restrict the use of plastic in campus. Plastic tea cups and glasses replace with steel glasses or glass tumbler in the campus. The staff and students are informed to use steel or copper water bottles instead of plastic bottles.





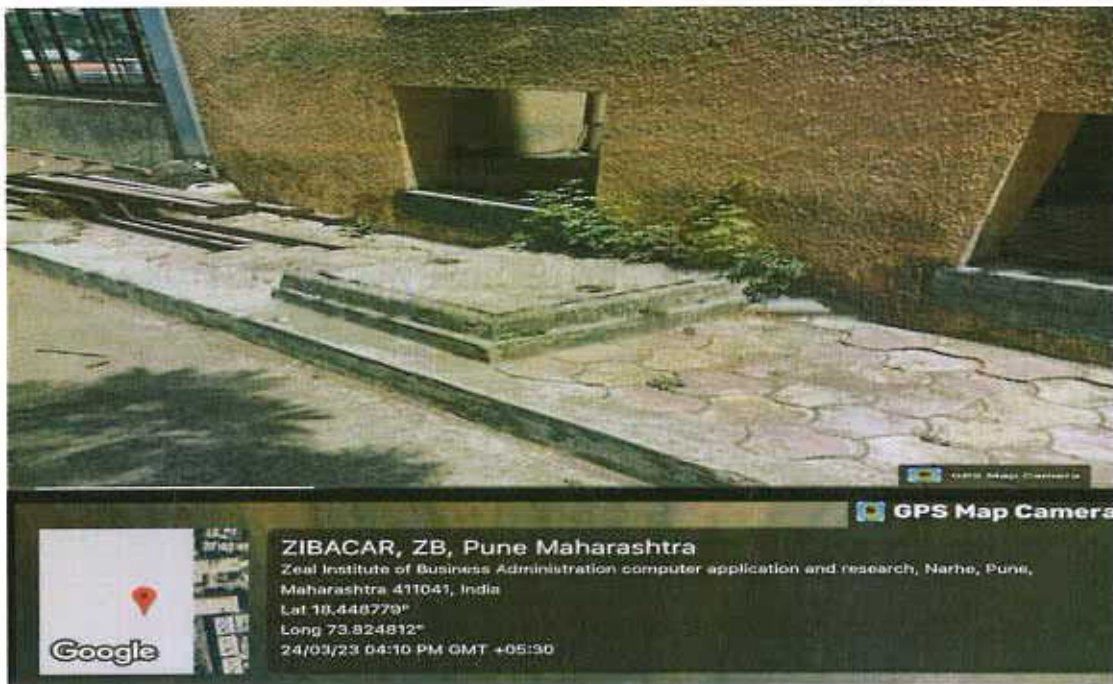
Posters on different Notice Boards



Students are made aware to conserve electricity through various displays.



Typical display board near each switch board



A wastewater is collected in sump tank and reused for gardening.

5 Disabled-friendly, barrier free environment:

The Institution has disabled-friendly, barrier free environment with a built environment with ramps/lifts for easy access to classrooms.



Photograph showing lift and ramp facility

A special arrangement is made for Divyangjan to access washrooms and ramp.



Photograph showing Divyangjan Washroom.



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Divyangjan Sitting Arrangement in Classroom

Wheel Chair for Divyangjan



Photograph showing Divyangjan Ramp and Parking area.

