



# SMT. K. L. TIWARI COLLEGE OF ARCHITECTURE

Approved by Council of Architecture, New Delhi & DTE, Maharashtra State &  
Affiliated to University of Mumbai | DTE Code No.: AR 3484

## Index 7.1.2

The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

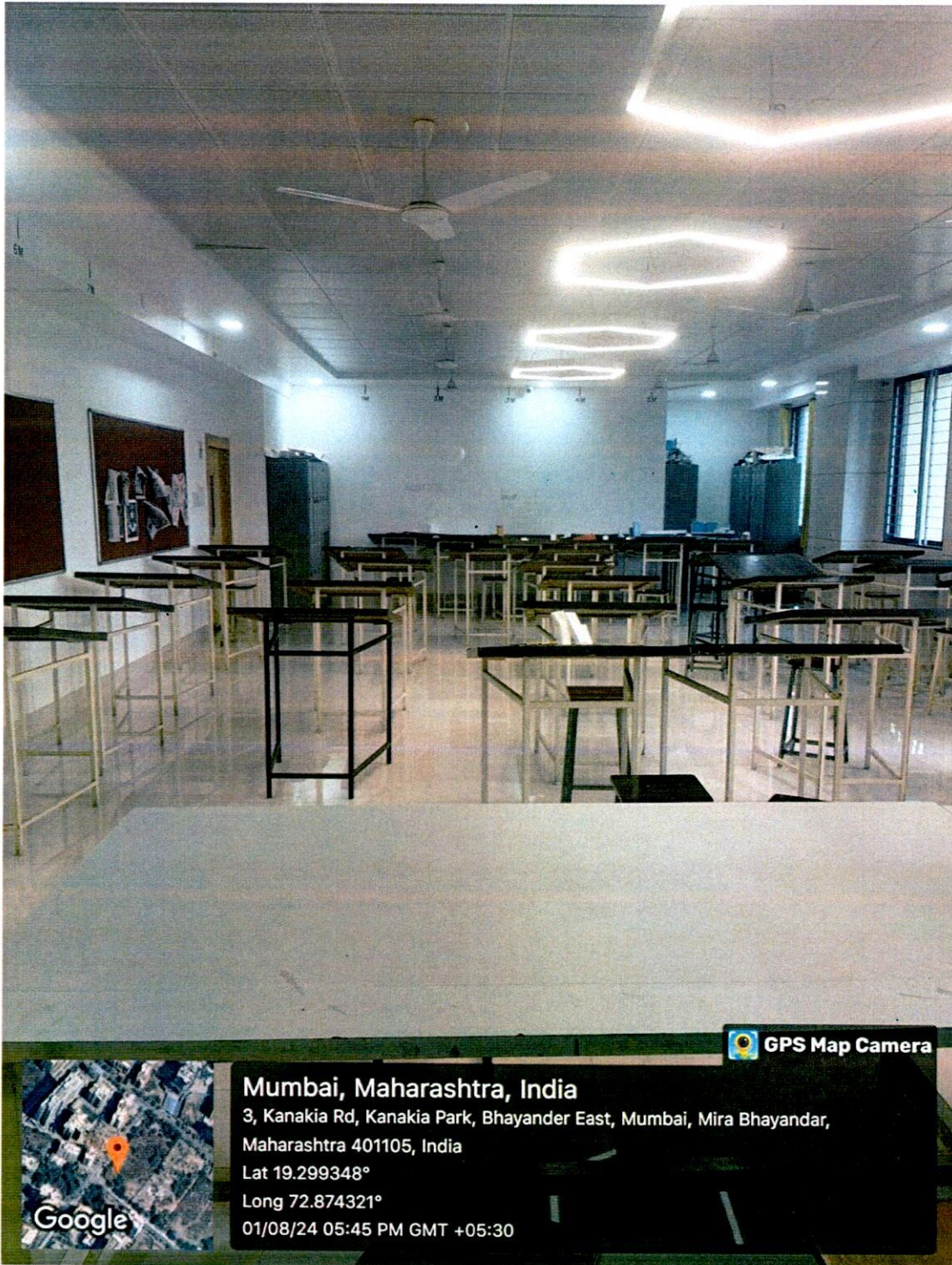
	<b>Particulars</b>
1	<b>Energy conservation measures</b>
	2. Replacing traditional lights with LED
2.	<b>Management of the various types of degradable and non-degradable waste</b>
	a. Solid waste management. b. Liquid waste management.
3.	<b>Water conservation</b>
	a. Rain water harvesting b. Drip Irrigation
4.	<b>Green campus initiatives</b>
	a. Landscaping with garden b. Plastic free campus c. Composting pit d. Nursery and gardening
5.	<b>Disable friendly-barrier free environment</b>
	a. Ramp b. Elevators c. Disable friendly toilet d. Wheelchair facility



# 1. Alternate sources of energy and energy conservation measures.

## a. Replacing traditional light with LED:

The college is in the process of replacing old traditional lights with LED, to save energy saving by reducing energy consumption. The college is replacing all faulty Light installations with LED lights.



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

### a. Solid waste management :

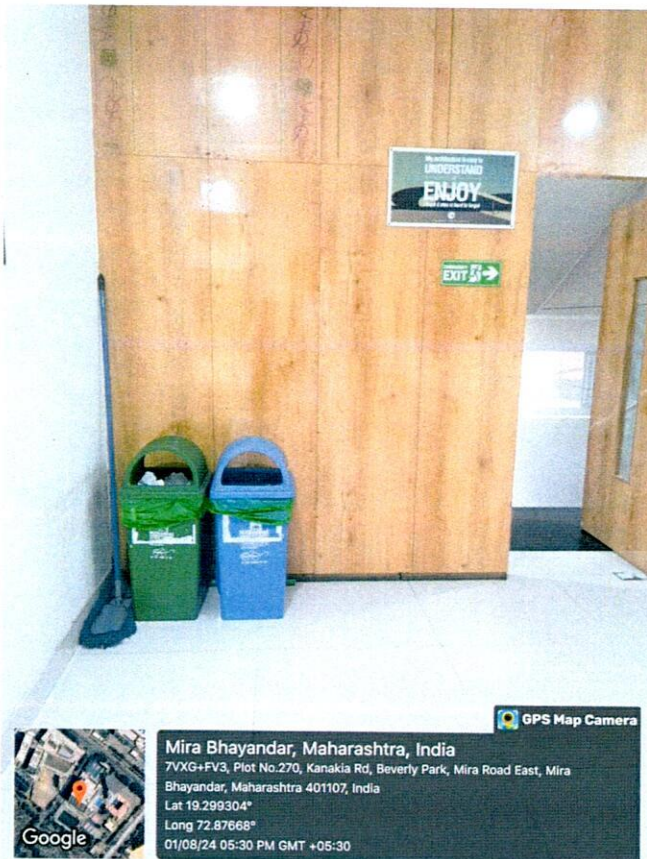
Smt. K.L.Tiwari College of architecture follows a two-two bin system to segregate solid waste generated in the college. Solid waste generated from the college premises is collected by housekeeping staff and stored in the garbage yard, from where it is collected by the municipal garbage van every morning. The college follows a two bin system for waste segregation.

a. Green for degradable waste

b. Blue for non degradable waste

### c. Liquid waste management:

The municipal corporation drainage system receives the liquid waste produced in the college. The pipelines that carry liquid waste are kept in good condition. Replaced leaking pipes right away. Waste water is treated by corporation before it is released in the water bodies.



### 3. Water conservation :

#### a. Rain water harvesting :

Smt. K.L.Tiwari College of architecture has installed rain water harvesting system For drain water running down from the rooftop to undergo sources.



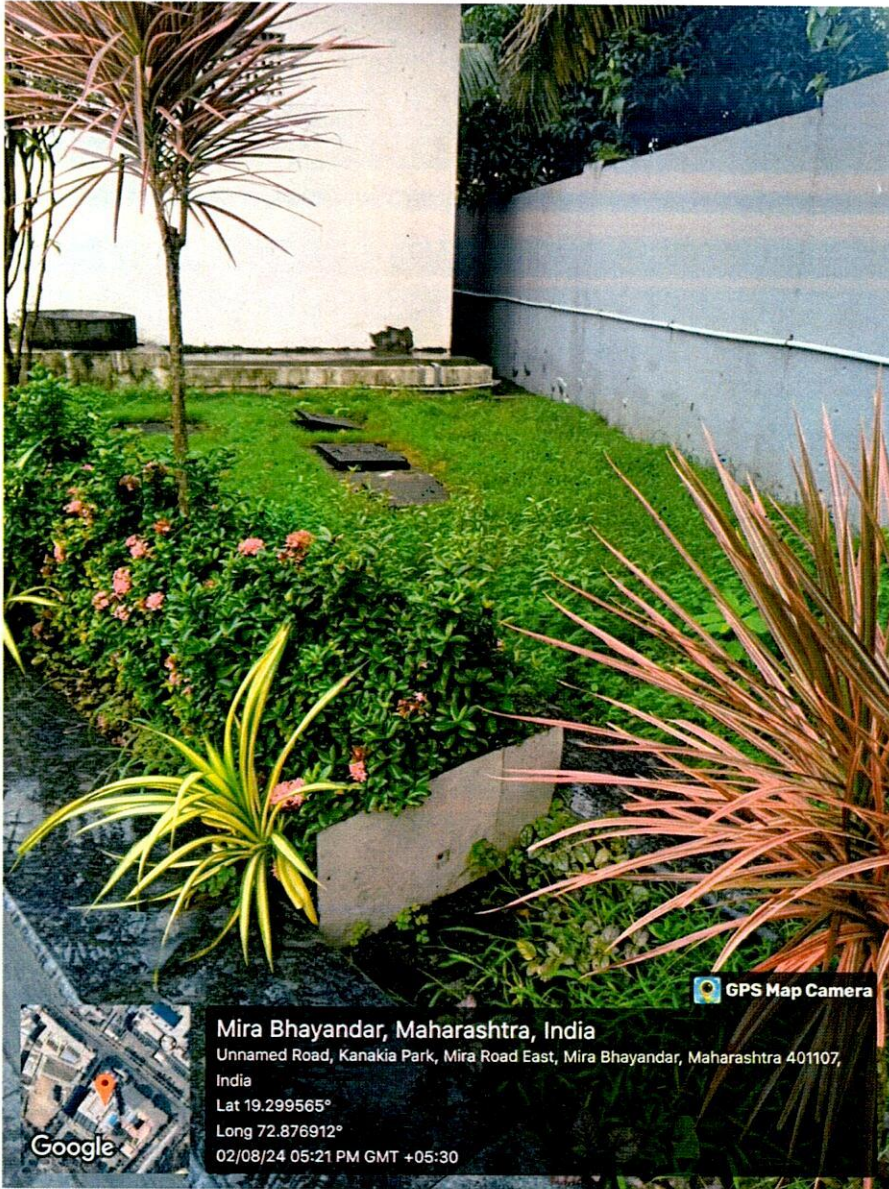
**b. Drip irrigation :**

Smt. K.L.Tiwari College of architecture has taken the initiatives to drip irrigation or trickle irrigation is a type of micro irrigation system that has potential to save the water. And nutrients and to allow water to drip slowly to the roots of plants, either from above the soil surface or buried below the soil surface.



#### 4. Green campus initiatives :

##### a. Landscaping with garden.



##### b. Plastic free campus

The college has clear policy for discouraging the use of plastic in its premises. As per the policy documents of plastic free campus, the college encourages the use of paper and cloth bags in place of plastic. The college adheres to green practices and accordingly Beverages are served in paper glass and so are the straw made up of paper.



c. Composting pit :



d. Nursery and gardening area





## 5. Disable friendly barrier free environment :

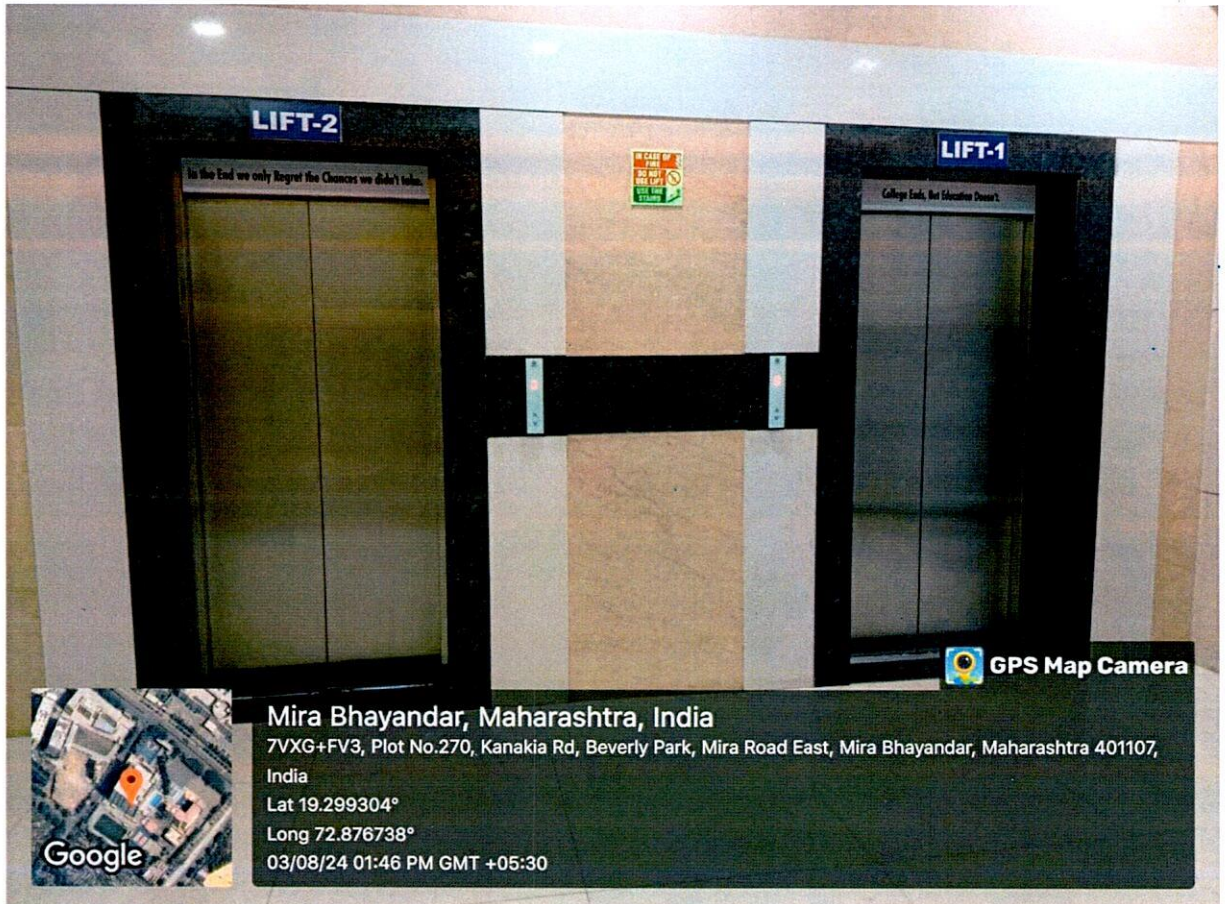
### a. Ramp :

For easy and smooth access to college premises, there is a ramp facility for Handicapped student and chair for easy access. Floor is barrier free for easy movement of person with disability (PwD's).



**b. Elevators :**

There are two lifts/elevators to provide barrier free and smooth access to all floors from ground to seventh floor. Both the lifts are available for all the students. Persons with disabilities are given entry in the lift on priority basis.



**c. Disable friendly toilet:**

By providing disabled friendly washrooms in the college the institute demonstrates its commitment to create inclusive and equitable learning environment. This not only benefits students with disability but also promotes awareness and understanding among the entire student body.



**d. Wheelchair facility :**

Smt. K.L.Tiwari College of architecture proudly offers wheelchair accessibility Insuring inclusivity of disabled individuals. With ramps and spacious corridors navigating the campus is convenient. Our commitment to accessibility fosters an environment where everyone can pursue education with ease, promoting equality and diversity within our community.

