

Criterion 7 – Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.7 The Institution has disabled-friendly, barrier free environment

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1. Built environment with ramps/lifts for easy access to classrooms

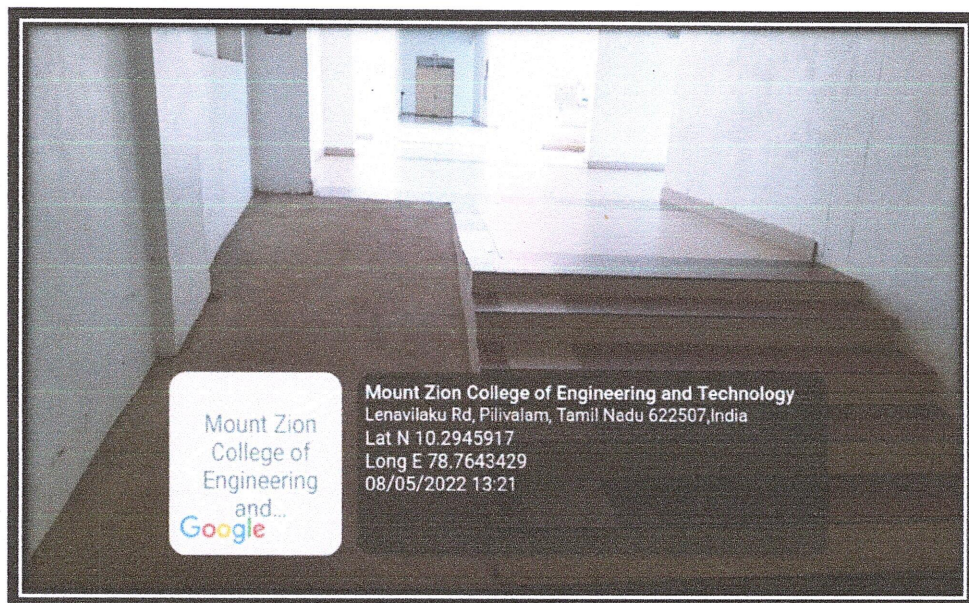
Mount Zion College of Engineering and Technology, Pudukkottai, provides a barrier-free environment where people with disabilities can move about safely and freely and use the facilities within the built environment. The environment supports the independent functioning of individuals so that they can participate without assistance in everyday activities within the campus. The buildings/places/transportation systems are made barrier-free.

a. Ramp for disabled students

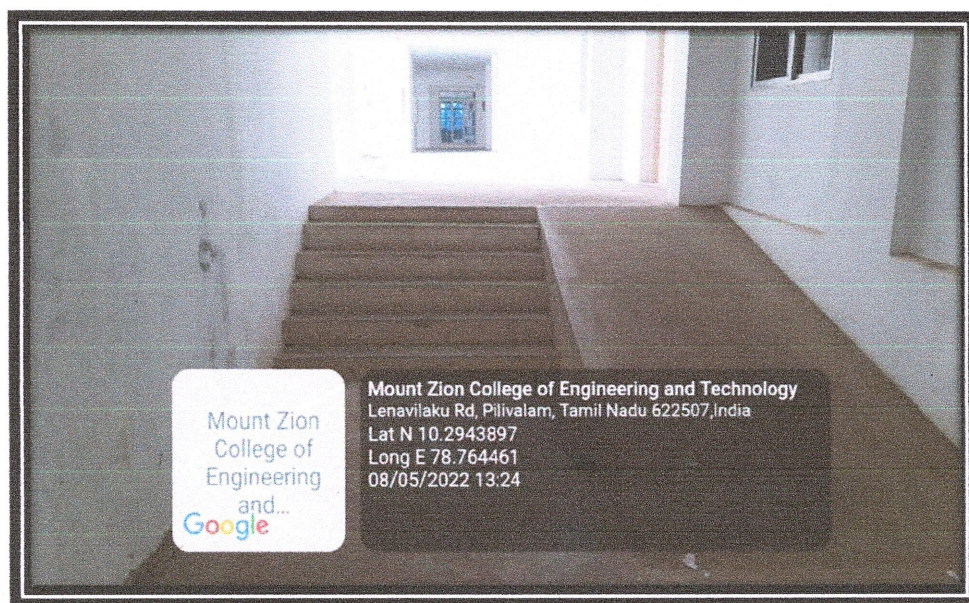
- The institution provides a ramp facility for disabled persons for easy access to the campus.
- Ramp-Rails, an inclined plane, is built in addition to staircases on the ground floor.
- The reduced inclination in the ramp makes it easier and safer movement of the wheelchair.
- The ramps are carefully designed as per specifications to be used by differently-abled people.
- Ramps are located on each floor, both right and left of the building, for disabled people. The lift facility is used for moving one floor to another floor.
- The wheelchair user, people pushing strollers, carts, and other wheeled objects are used ramps for easy moving to a building or navigating between areas of different heights.



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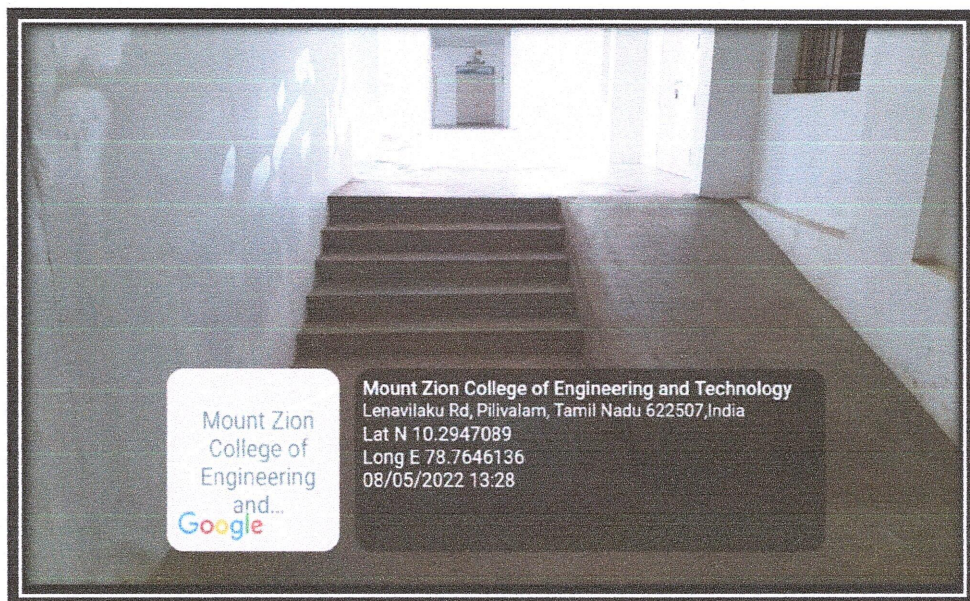
The ramp is located on the ground floor near the classroom for the disabled students



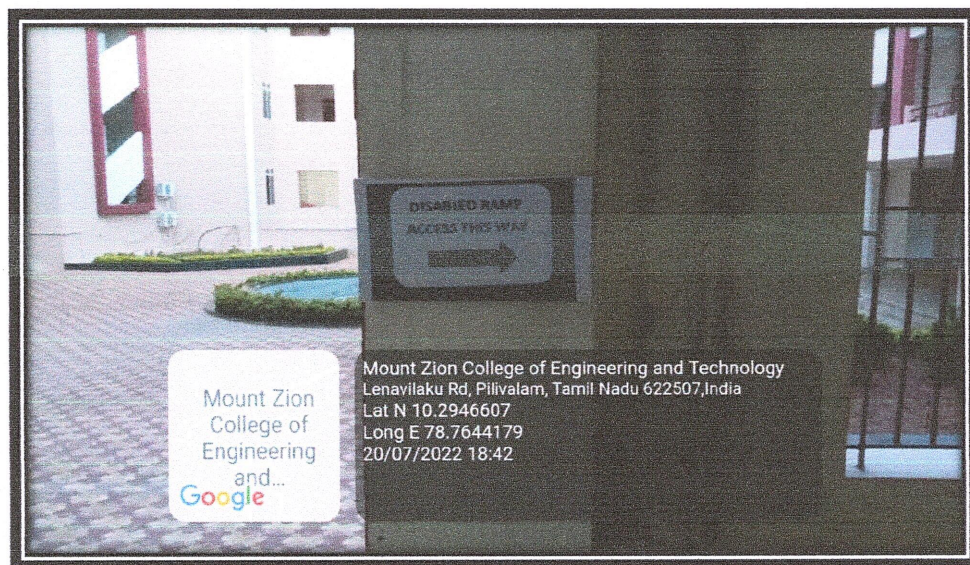
The ramp is located on the first floor near the classroom for the disabled students




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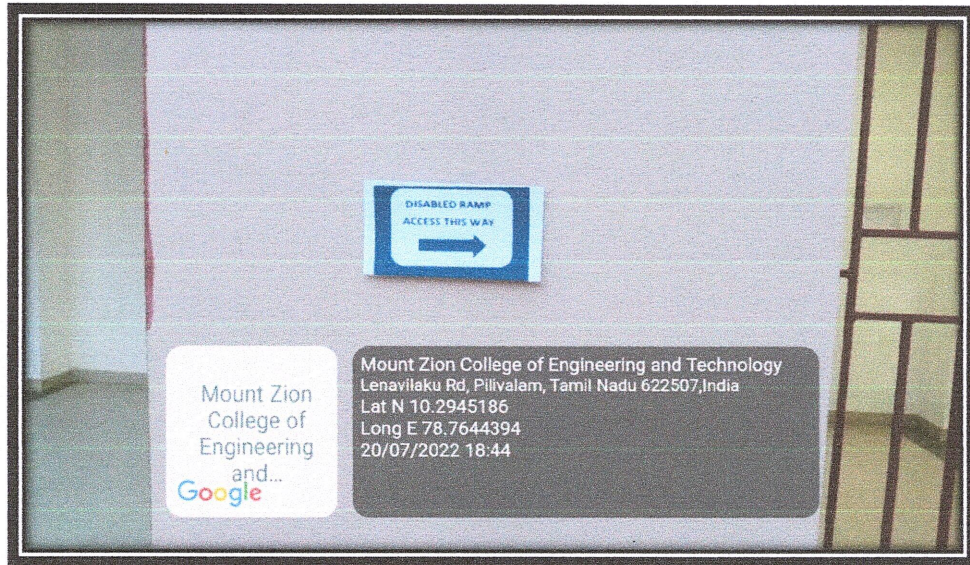
The ramp is located on the second floor near the classroom for the disabled students



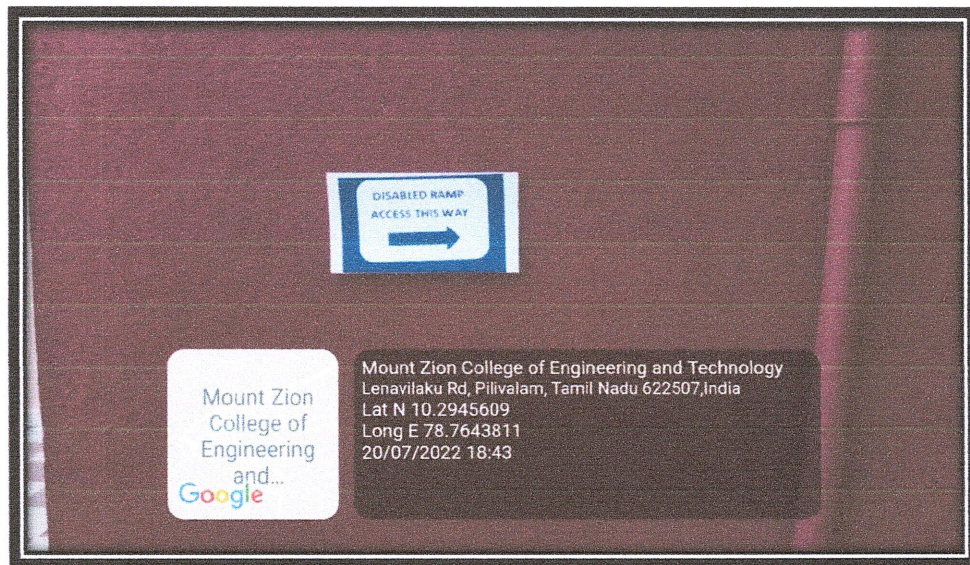
Sign board for disabled ramp nearer to Board room




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Sign board for disabled ramp nearer to First floor



Sign board for disabled ramp nearer to Second floor




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b. Wheelchair facility

- The wheelchair is one of the essential mobility devices used by the disabled persons
- The institution has wheelchairs which have adequate space to sit during usage
- A wheelchair may be operated by the user alone or with a helper's assistance.
- However, wheelchair design must assume that the user should be able to operate the wheelchair without help.



Wheelchair for disabled people is provided in the college portico




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Helpline numbers are displayed at the entrance to assist disabled persons

2. Differently abled friendly restroom

- Toilets that have been specially designed to accommodate people with physical disabilities better.
- Persons with reduced mobility find them helpful, as do those with weak legs, as a higher toilet bowl makes it easier for them to stand up.
- Additional measures are taken to easily and comfortably toilet access by differently-abled persons. The special toilets are provided with more space, adding grab bars to ease transfer to and from the toilet seat. In addition, the extra room is provided for a caregiver if necessary.
- There is an individual differently-abled friendly restroom on the ground floor for boys and girls.
- It is designed as per the standard specifications to accommodate people with physical disabilities.
- These accessible restrooms carry fixtures and fittings that are comfortable and convenient to the differently abled people. Nonslip

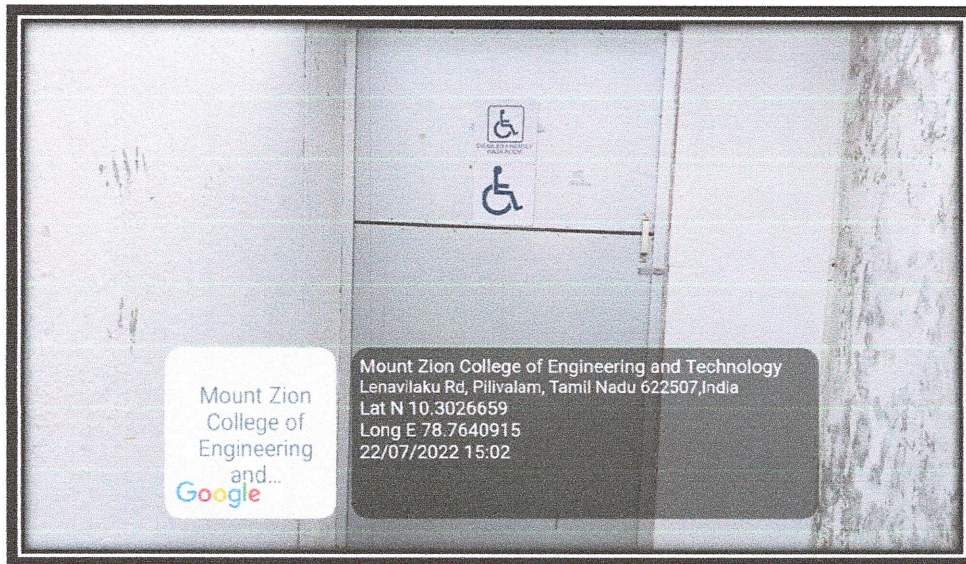


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floor, sliding door and grab bars provide easy access to the differently abled people.

- The institute takes extra care to maintain this washroom neat and clean.



Disabled-friendly washrooms on the ground floor



Disabled-friendly washrooms on the ground floor



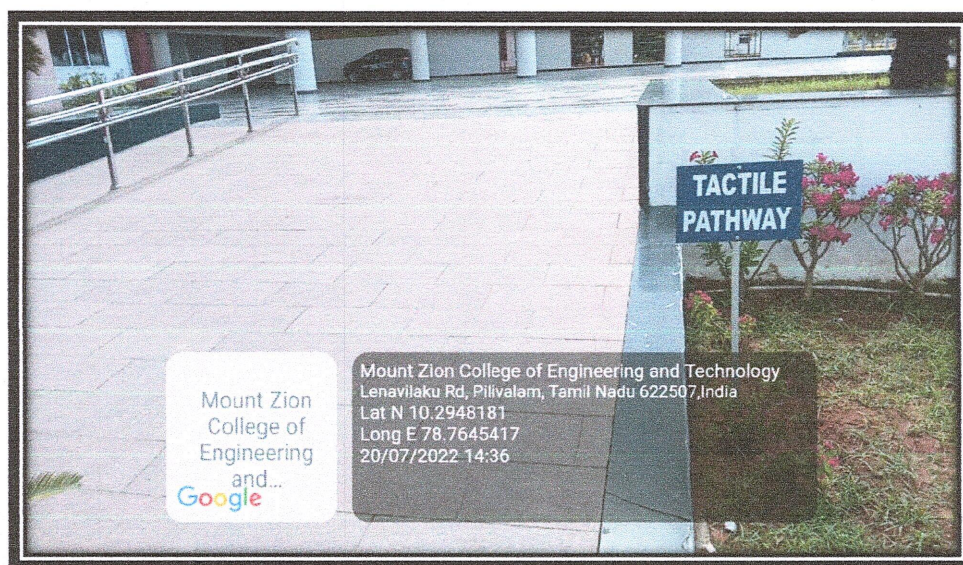
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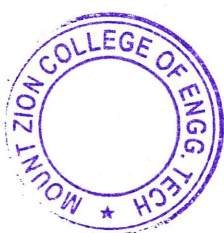
3. Signage including tactile path, lights, display boards and signposts

a) Tactile Pathway

- The institution has made tactile pathways in many areas by considering the disabled persons
- The disabled students can move quickly in these pathways either by walking or by wheelchair
- The disabled students feel free and can avoid human traffic when they use the pathway friendly



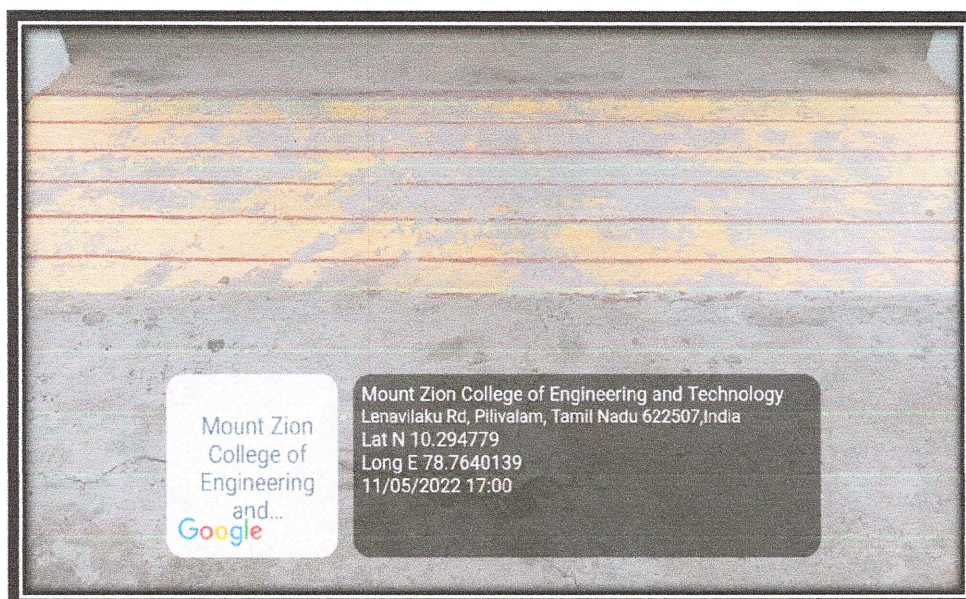
The tactile pathway is located at the entrance of our college premises



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**A tactile pathway is located at the entrance of the college premises
with hand supports**

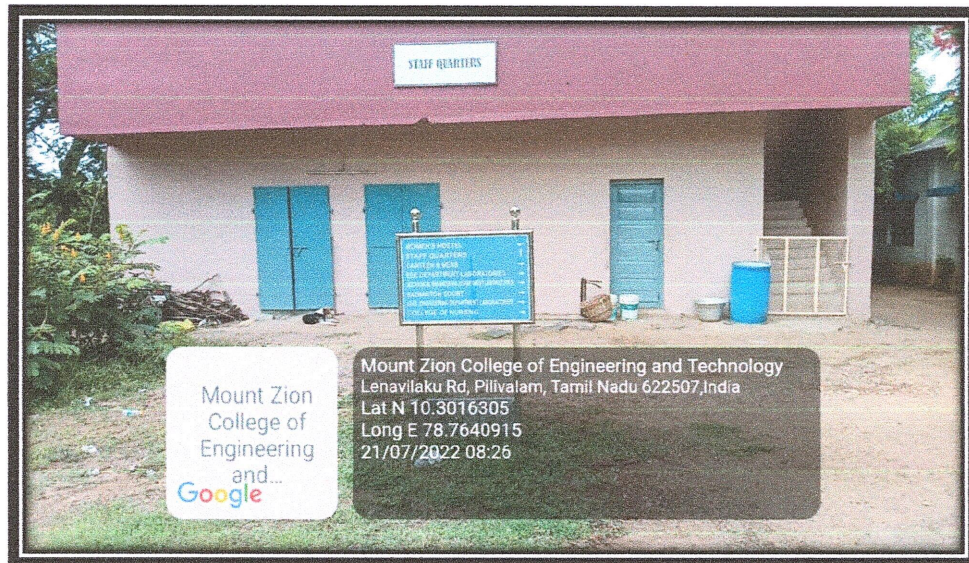


A tactile pathway is located at the backside of the main building



Vin

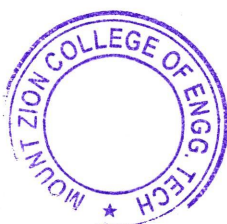
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Sign board on the staff quarters

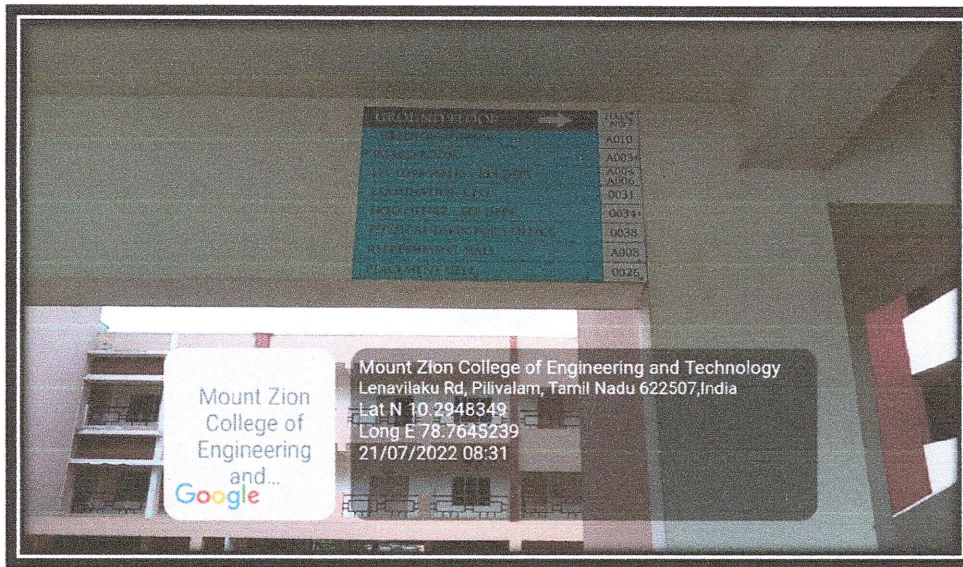


Sign board in the Ground floor

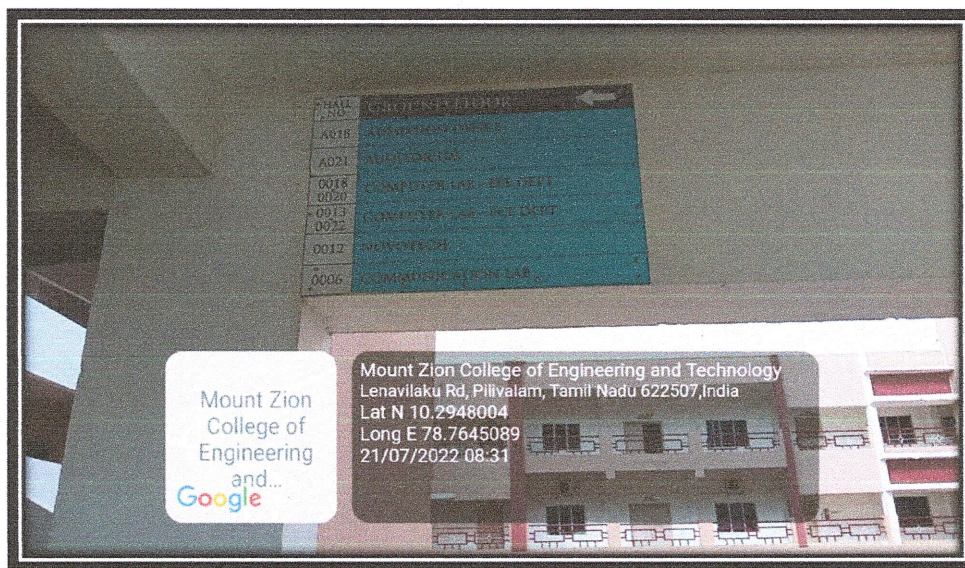


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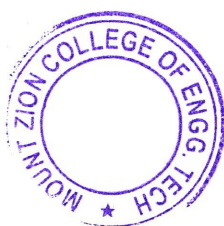
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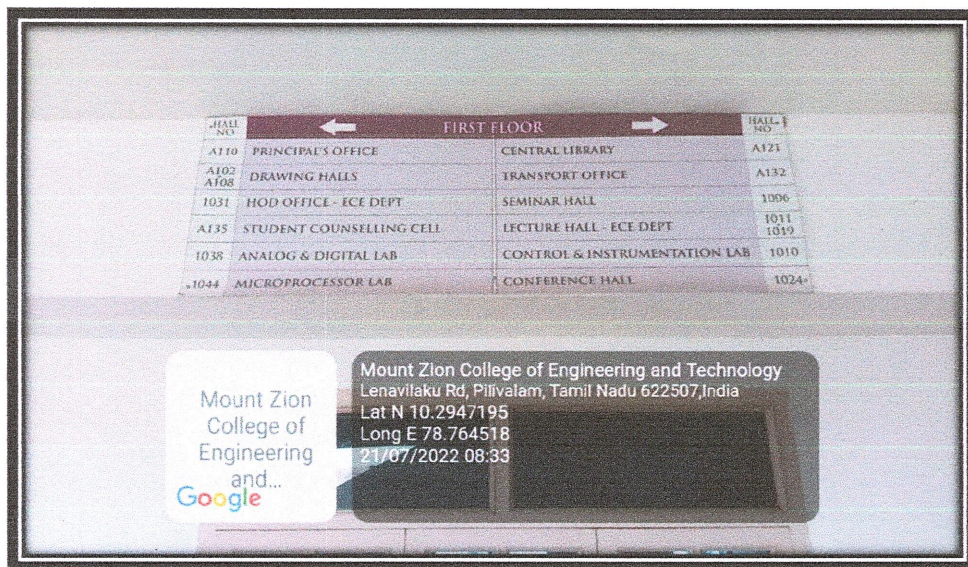
Sign board in the ground floor right wing



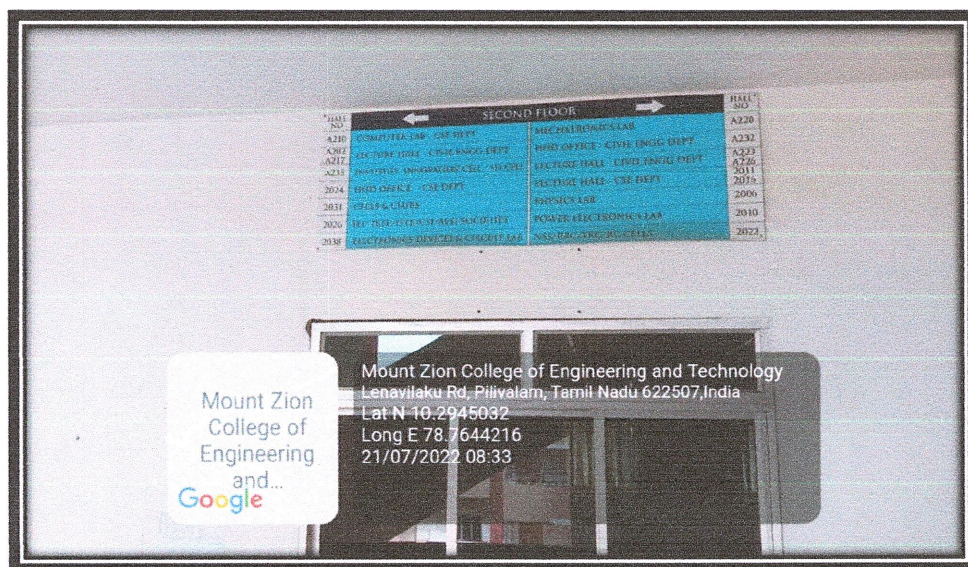
Sign board in the ground floor left wing



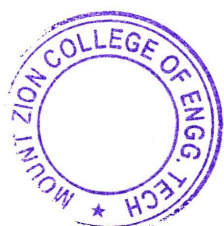

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Sign board in the first floor

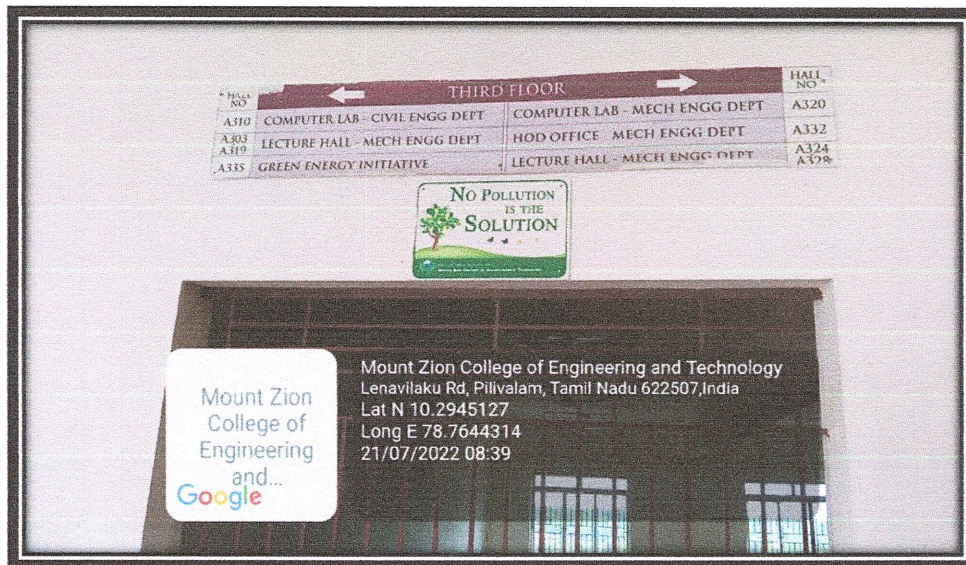


Sign board in the second floor



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Sign board in the third floor

4. Assistive technology and facilities for persons with disabilities (Divyangjan) Accessible website, Screen-reading software, Mechanized equipment

a) Screen Reader

A screen reader is an assistive software program that helps the visually impaired or the blind work with a computer. Non-Visual Desktop Access (NVDA) is free, open-source software. It is installed in the computers at Computer Lab to help visually challenged students in learning.

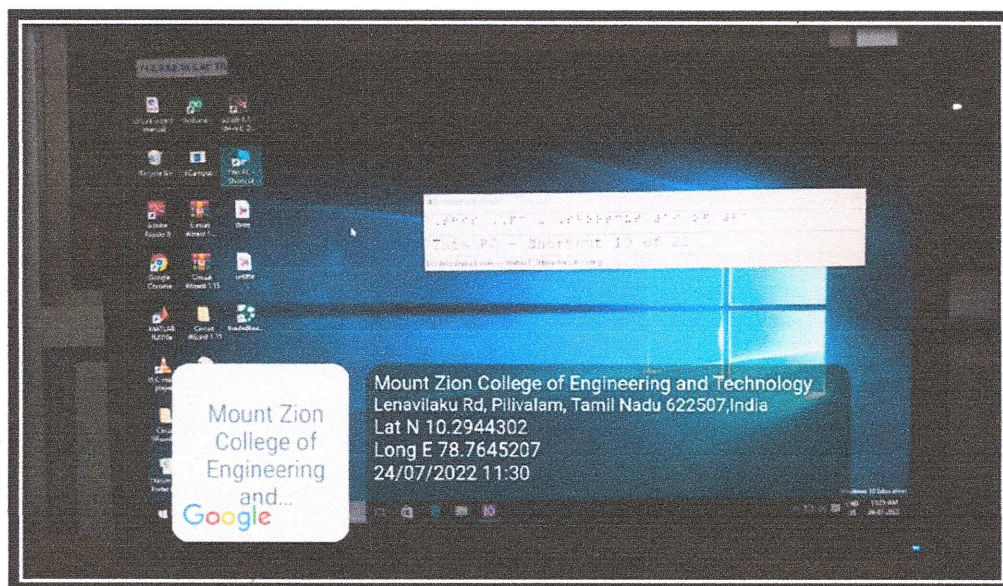
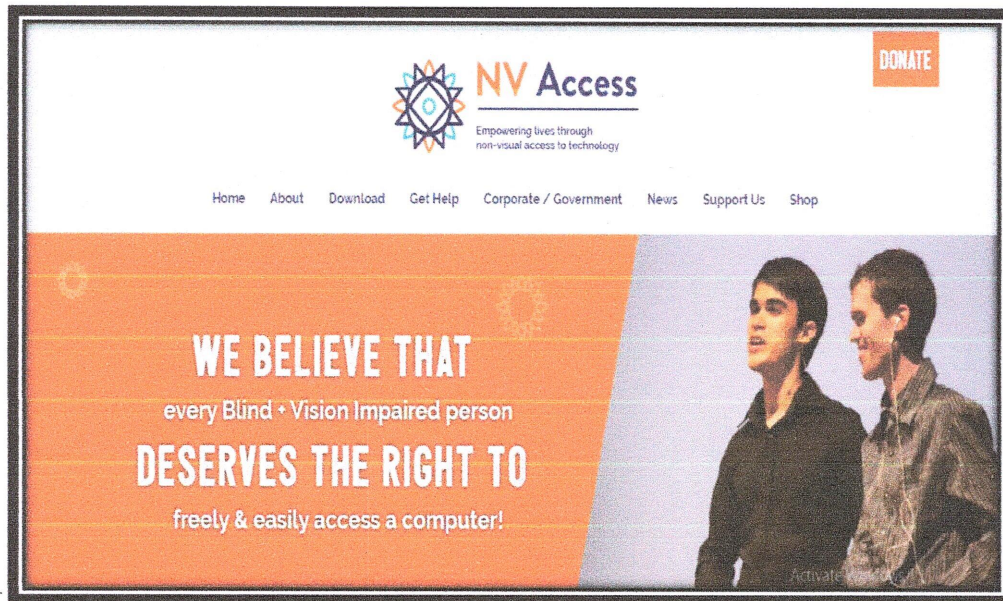
- A screen reader is an essential piece of software for a blind or visually impaired person.
- The tactile and screen reader transmitter facilities are provided for visually impaired people.



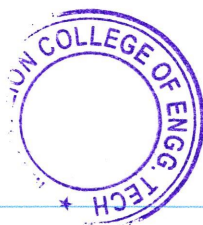
V. B.


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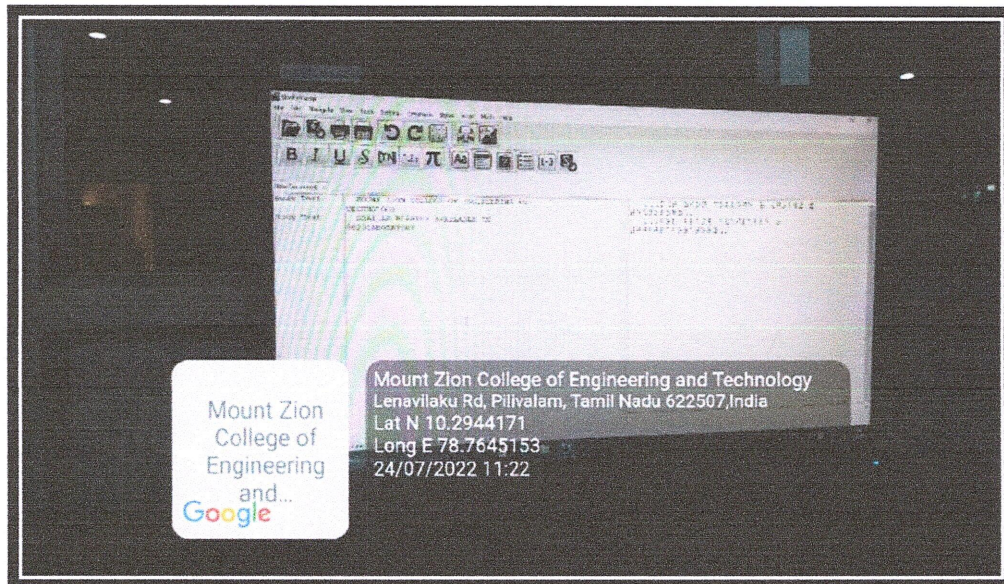
- While the most basic screen readers will not help blind users navigate a computer. The additional features are required for much more independence for visual impairment people. Most screen readers work by having a synthetic voice that reads text aloud.



NVDA screen reader software




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BrailleBlaster software

5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading

- For the visually impaired students or any other physical challenge, scribes are allotted as per the requirement on request.
- The teachers provide soft copies of reading materials to the disabled students. Apart from disabled students, all students will be benefitted.



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