University : Karunya Institute of Technology and Sciences
Country : India
Web Address : www.karunya.edu

[5] Transportation (TR)

[5.16] Pedestrian Path on Campus

To promote safe, inclusive, and sustainable mobility within the campus, KITS has established a comprehensive pedestrian infrastructure framework. The initiative emphasizes dedicated segregation of movement corridors**,** ensuring that pedestrian walkways are physically separated from vehicular roads to provide unobstructed and conflict-free movement across the campus.

In alignment with universal accessibility principles**,** ramps with appropriate gradients and tactile guiding blocks have been installed at key access points to facilitate barrier-free movement for persons with physical and visual disabilities. Adequate pedestrian lighting infrastructure—including solar-powered streetlights—ensures visibility and safety during evening and night hours, while supporting the institution's commitment to sustainable energy use.

Strategically placed signage and wayfinding systems**,** such as directional boards and reflective indicators, enhance pedestrian orientation and safety. Speed control measures including speed breakers, rumble strips, and caution signage are implemented near crossings to minimize vehicular speed and accident risks.

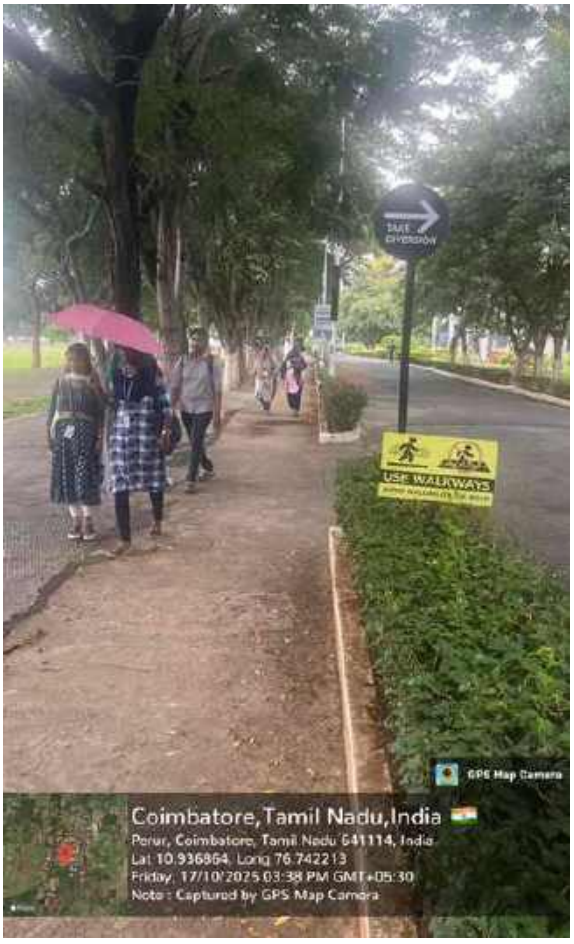
To uphold these standards, periodic condition monitoring is conducted, involving routine inspection and maintenance of ramps, tactile surfaces, lighting systems, and walkway conditions. Through these integrated measures, the university ensures a pedestrian-friendly, accessible, and environmentally responsible campus mobility environment.

KITS has implemented the pedestrian path policy which is given in the link

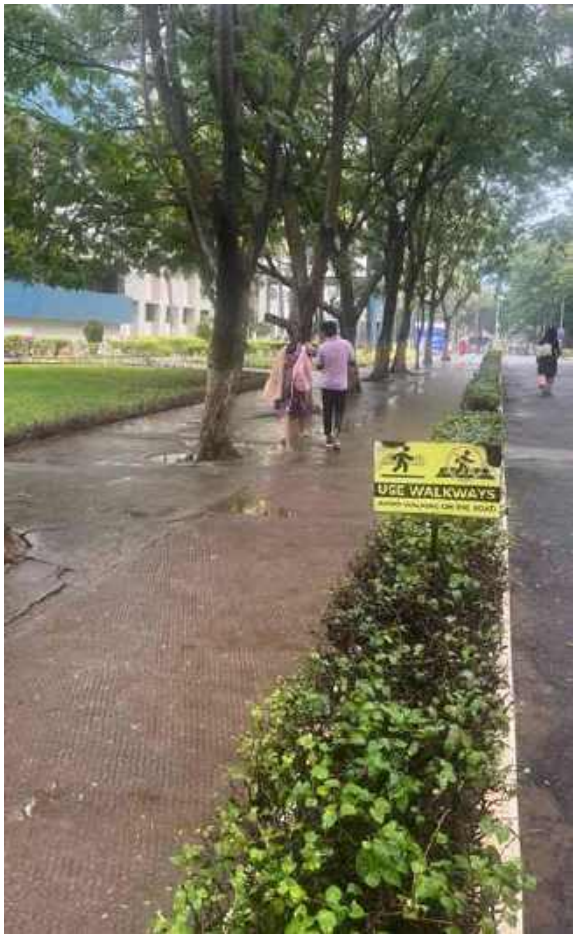
Policy Document:

https://karunya.edu/universitypolicies

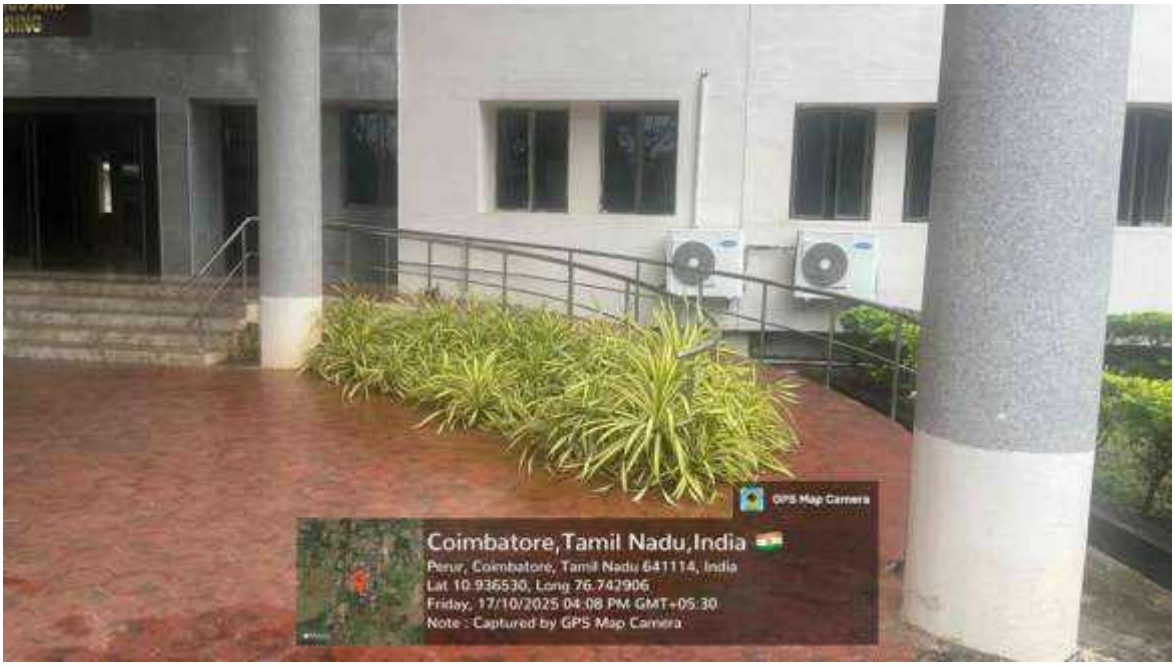
https://karunya.edu/sites/default/files/img/2024/iqac/sustainabilityranking/environmentalimpact/Environmental%20Sustainability/4.%20Policy%20on%20Climate%20Change%20Mitigation.pdf



Example of pedestrian path in KITS



Example of pedestrian path in KITS



Example of Ramp

Pedestrian Safety and Accessibility Measures

1. **Dedicated Segregation of Movement Corridors**
   A physical separator is provided between vehicular roads and pedestrian walkways to ensure safe, unobstructed, and conflict-free movement for walkers across the campus.
2. **Universal Accessibility Provisions**
   Ramps with appropriate gradient and tactile guiding blocks are installed at critical access points to facilitate barrier-free mobility for persons with physical and visual disabilities, in accordance with universal design standards.
3. **Pedestrian Lighting Infrastructure**
   Street lighting is provided along pedestrian corridors to ensure safe movement during evening and night hours. Solar-powered lighting units are installed to support sustainable illumination practices.
4. **Signage and Wayfinding**
   Directional boards, crossing signs, and reflective indicators are displayed along pedestrian zones to enhance visibility, orientation and safety.
5. **Speed Control Near Pedestrian Areas**
   Speed breakers, rumble strips and caution signage are positioned near pedestrian crossings and high-footfall zones to reduce vehicle speed and mitigate collision risks.
6. **Periodic Condition Monitoring**
   Routine inspection and maintenance of ramps, tactile blocks, lamp posts and walkway surfaces are undertaken to ensure sustained usability and compliance with safety norms.

Additional evidence link

https://www.karunya.edu/iqac/ranking/UIGreenMetric