

11.4.6 Pedestrian Priority on Campus

2023–2024

Prioritise pedestrian access on campus.

AASTMT is actively transforming its campuses into vibrant, pedestrian-centric environments. The commitment to “Prioritise pedestrian access on campus” goes beyond mere policy; it is a core principle of our urban development and urban planning strategy. By prioritizing walking and creating safe, accessible pathways, the campus experience, promoting well-being, and building a sustainable future are enhanced. These initiatives demonstrate a holistic approach to creating a modern city-like campus that values its community and its heritage.

Inauguration of the "Smart Quad" Pedestrian Plaza and The "Green Steps" Campus Mobility Week

In early 2024, AASTMT completed the redevelopment of Abu Qir campus, converting a former access road and parking area into the "Smart Quad," a sprawling pedestrian plaza. This permanent infrastructure project is a testament to our long-term vision for a walkable campus. The plaza creates a seamless and safe connection between the library, engineering facilities, and student life centers, overhauling the previous road network to favor foot traffic. The project incorporates permeable paving to mitigate flood risk during heavy rains, native land cover, and energy-efficient lighting, aligning with broader goals of disaster prevention and sustainability. The plaza's design includes sheltered waiting areas and clear signage.

AASTMT launched its annual "Green Steps" week, a campus-wide initiative encouraging students and staff to choose walking over vehicular transport. This event is a cornerstone of AASTMT strategy to improve the urban landscape and reduce the environmental footprint. This initiative directly prioritizes pedestrian access by temporarily redesigning the campus to be walker-friendly. It serves as a powerful practical experiment in sustainable urban development, showing the immense benefits of reducing vehicular traffic and reclaiming space for people.

Designated Car-Free Zones: Key areas of the campus were designated as pedestrian-only zones, transforming them into vibrant public space hubs for socializing and events. This tactical urban planning initiative drastically reduced traffic noise and improved urban air quality.

Guided Heritage Walks: Students and faculty participated in guided walking tours that showcased the campus's unique architectural and cultural heritage, linking physical activity with an appreciation for our historic buildings and sites.

Intelligent Transportation Showcase: The student projects on smart city technologies for pedestrian safety were presented, including sensor-based crosswalks and apps for mapping the most accessible walking routes, demonstrating a forward-thinking approach to our campus road network.



[Inauguration of the "Smart Quad" Pedestrian Plaza and The "Green Steps" Campus Mobility Week](#)
[Inauguration of the "Smart Quad" Pedestrian Plaza and The "Green Steps" Campus Mobility Week](#) on AASTMT
 webpage

AASTMT's Vision for Inclusive, Pedestrian-Centric Smart Campuses

At AASTMT, a university campus is recognized as a microcosm of a city—a living laboratory for sustainable urban planning and urban development. Aligning with the global drive toward smart cities and resilient urbanization, AASTMT is redefining its urban landscape by prioritizing the safety, dignity, and convenience of pedestrians.

AASTMT commitment goes beyond simple aesthetics; it is a strategic implementation of town planning best practices designed to mitigate traffic congestion, reduce pollution, and enhance the quality of public space. By reimagining the road networks, a campus environment is fostered that champions inclusivity, public transport integration, and environmental stewardship. AASTMT is not just building a campus; it sets a benchmark for intelligent transport and sustainable urban land management. AASTMT paves the way for a future where public transportation, walkability, and smart city infrastructure converge to create a thriving, safe, and inclusive community.

AASTMT's Integrated Strategy for Walkable and Safe Campuses

To achieve a truly pedestrian-centric environment, AASTMT adheres to rigorous city planning guidelines that separate vehicular traffic from student life, ensuring a safe and accessible street hierarchy. AASTMT approach focuses on the following core pillars:

- **Seamless Connectivity and Accessibility:** the road network is enhanced to ensure that sidewalks and pathways promote seamless commuting between academic buildings, parks, and facilities. This design supports residential mobility within the campus and encourages walking as a primary mode of transit.

- **Safety via Intelligent Design:** Utilizing principles of intelligent transportation and traffic signal optimization, safe pedestrian crossings are implemented that minimize conflict points between walkers and vehicles, thereby reducing the risk of accidents and traffic noise.
- **Pedestrian-Friendly Design:** The campus regeneration efforts focus on creating a comfortable atmosphere. This includes shading to combat urban heat and heat island effects, ensuring that walking is a viable and pleasant option year-round.
- **Separation from Vehicle Traffic:** By delineating distinct zones for transportation systems and pedestrians, AASTMT prioritize human movement over highway traffic. This separation is crucial for disaster prevention and ensures unobstructed access for emergency services.
- **Universal Accessibility:** True to the spirit of inclusive housing and community, AASTMT pathways are designed to be fully accessible for people with disabilities. Any barriers are removed to ensure that the public spaces are equitable for all, reflecting the social heritage of our diverse academic community.





[Campuses](#) on AASTMT webpage

[El Alamein](#) on AASTMT webpage

[Portsaid](#) on AASTMT webpage

[AASTMT's Integrated Strategy for Walkable and Safe Campuses](#) on AASTMT webpage



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POVERTY



AFFORDABLE AND
CLEAN ENERGY



CLEAN WATER
AND SANITATION



RESPONSIBLE
CONSUMPTION
AND PRODUCTION



CLIMATE
ACTION



LIFE
BELOW WATER



DECENT WORK AND
ECONOMIC GROWTH



INDUSTRY, INNOVATION
AND INFRASTRUCTURE



LIFE
ON LAND



PEACE, JUSTICE AND
STRONG INSTITUTIONS



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