

## Construction of Smart Cycle Stand adjacent to DLF subway, AA-IA, New Town, Kolkata

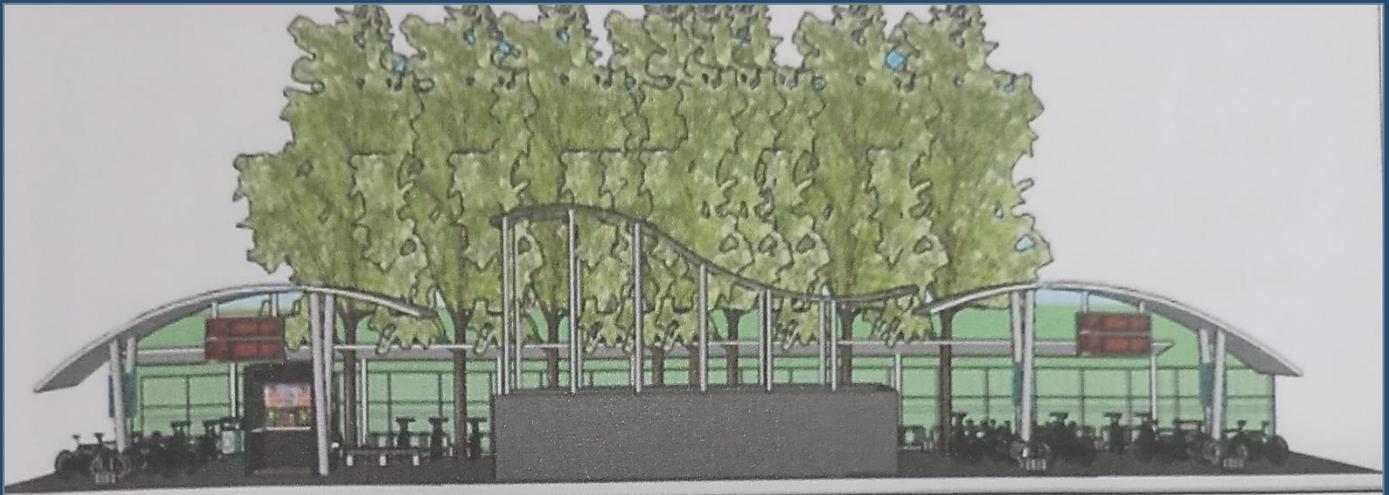
As a green smart city, New Town Kolkata aspires to provide its citizens with world-class infrastructure, a decent means of living reinforcing the city's ease-of-living quotient, and a clean and sustainable environment – all by leveraging technology in such a way that it leads to smart, user/citizen-friendly outcomes for the township. To that end, since its very inception, New Town has been incessantly exploring options and implementing solutions that bring out the township's commitment to emulating all the parameters of a perfect smart city.

Environment, being a global concern, is one of the key areas of focus in the smart city vision, and one of the major hazards to environment is automobile emission. Hence, eco-friendly green modes of transport is the real need of the hour. New Town, being a green smart city, has been actively promoting non-motorized transport like cycling, by introducing separate cycling tracks along the footpaths on Major Arterial Road, public bi-cycling sharing, signage for cycle tracks, and many more environment-friendly interventions in the township.

Recognizing the potential for non-motorized transport within the city, New Town foresees increase in use of cycles as a means for short-distance travels in the coming days. Consequently, the township has also identified the need to build befitting infrastructure to address the demands created by this kind of transport. Hence, much to the convenience of cyclists, New Town is all set to have smart cycle stands for safe docking of cycles, while endorsing non-motorized transport in the smartest way.

The first smart cycle stand of New Town Kolkata is underway at a prime location adjacent to DLF subway in Action Area IA.

The pictures below represent the approved design the Smart Cycle Stand from various angles:



## **Key Features of the Smart Cycle Stand**

The cycle stand, being built at the above-mentioned location, is envisaged to have the following smart features, which will add to the convenience of the cyclists, as well as make the place attractive for users, thereby encouraging citizens to adopt green transport more and more.

- LED Outdoor Lighting
- LED Display Unit for communicating public information
- CCTV cameras for 24x7 surveillance
- Drinking Water Fountain for easy access to drinking water
- Vending Kiosk for cyclists' resting and refreshment purposes



A graphic representation of the key smart features envisaged for the Smart Cycle Stand underway adjacent to DLF Subway

## **Key Benefits of the intervention**

One of the key benefits of the intervention is that it encourages the citizens of New Town to resort to non-motorized transportation for travelling short distances within the township. This addresses the township's pledge to achieve a clean and green environment and reduce carbon footprints, while supplementing the long list of New Town's eco-friendly endeavours.

Additionally, the smart cycle stand provides a safe and secure place for cyclists to dock their cycles, as well as offers a zone for quick refreshment and resting, thus making the place attractive to cyclists, while motivating others to resort to cycling as a smart commuting option.