

7.1.5 Q_nM	<p>Green campus initiatives</p> <p>7.1.5.1. The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles ■ 2. Use of Bicycles/ Battery powered vehicles ■ 3. Pedestrian Friendly pathways ■ 4. Ban on use of Plastic ■ 5. Landscaping with trees and plants ■ <p>Options: A. Any 4 or all of the above</p> <p>Upload: Geo-tagged photos / videos of the facilities; Various policy documents / decisions circulated for implementation: Any other relevant documents</p>	4
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Documents Needed

- Policy document on the green campus.
- Geo-tagged photographs/videos of the facilities.
- Circulars for the implementation of the initiatives and any other supporting document.

TEXT



TERI SAS campus—located in Vasant Kunj, South Delhi, adjacent to Aravalli Biodiversity Park not only focuses on the erudition of the concepts of energy efficiency, sustainability, green buildings but also showcases how these concepts can be put to practice for the larger good of the humanity. TERI SAS campus is one of the world’s best practice [Green Campus](#) with Solar Rooftop System ([Annexure 7.1.5.A](#)), Water Management, Rain Water Harvesting ([Annexure 7.1.5.B](#)), Waste Management ([Annexure 7.1.5.C](#)), Natural Ventilation, Cooling system which includes Earth Air Tunnel (EAT) system, Thermal Mass storage system, Variable Refrigerant Volume (VRV) system, Thermal storage, pedestrian-friendly pathways and finally the Natural Lighting.

The building has been awarded the “Greenest University and Research Institution” as part of the RTCC 2013 Climate Change ([Link1](#), [Link2](#), [Link3](#), [Link4](#)), and also was in the top three in the smart education building category in the Honeywell India Smart Building Award-2017.

Various species of rich flora has been judiciously planted making the campus aesthetically pleasing ([Annexure 7.1.5.D](#)). There are approximately 70-75 large trees and 170-190 pots and shrubs inside the campus. Along with it, there is one green lung space ([Annexure 7.1.5.E](#)) and a badminton lawn ([Annexure 7.1.5.F](#)) covering about 30% - 33% of the campus, a sizeable vegetal cover. The institution has put into practice “No Paper Cups Day” on every Wednesday so as to reduce the usage of single use plastic cups and encouraging people to bring their own tumblers ([Annexure 7.1.5.G](#)). On every Tuesday and Thursday “No Lift Day” ([Annexure 7.1.5.H](#)) is observed to contribute to the reduction of electricity usage. These practices would inculcate the feelings and

concern about the growing environmental tribulations with an effort to explore solution based on the veracity of each problem.

The infrastructure was designed keeping into consideration the wind direction. Other than a solar rooftop system, a small wind mill ([Annexure 7.1.5.I](#)) has also been installed at the entrance of the university. Campus community is encouraged to use bicycles rather than motorized bikes and cars ([Annexure 7.1.5.J](#)). A battery-operated small car is used for performing short-distance activities for the institute ([Annexure 7.1.5.J](#)). Among the long distance commuters, people from same area are encouraged for car pooling to contribute and exhibit how viable little efforts can prove in reducing traffic and environmental safety at larger canvass through active participation. Feeder bus service to metro stations facilitated use of public transport till about 2019. The campus is not green only from inside but its reflection is enriched through consistent outreach programmes making the institute leader in greener development and cleaner technologies campaign. Much of the area outside is maintained by TERI SAS gardeners ([Annexure 7.1.5.K](#)). During 2009-12, the green cover in an area between the TERI SAS campus and a nearby circle (approximately 300 metre apart) was developed and maintained by TERI SAS with funding support from ONGC and involvement of local Resident Welfare Associations.

7.1.5.A

Geotagged photo of solar panels in TERI SAS campus



7.1.5.3

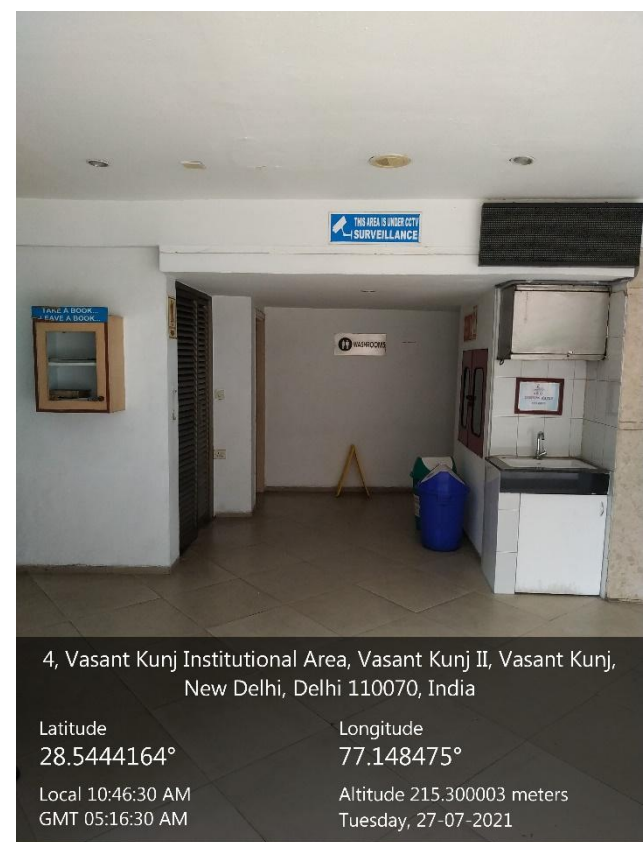
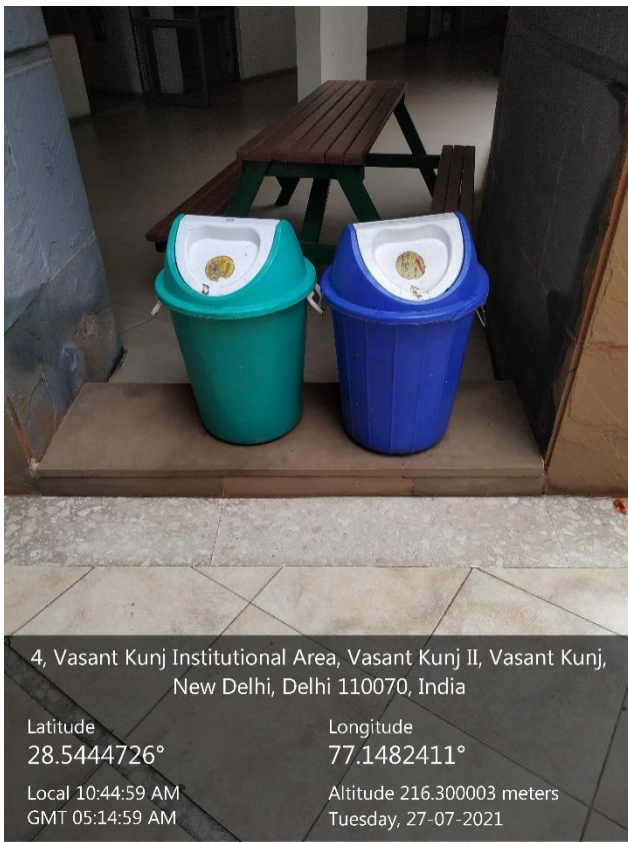
7.1.5.B

Geotagged photo of rain water harvesting in TERI SAS campus



7.1.5.C

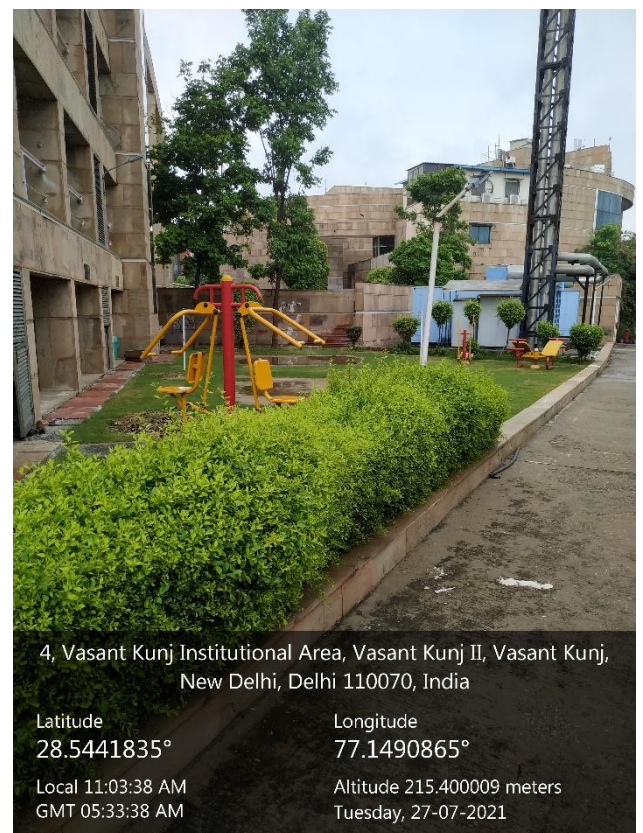
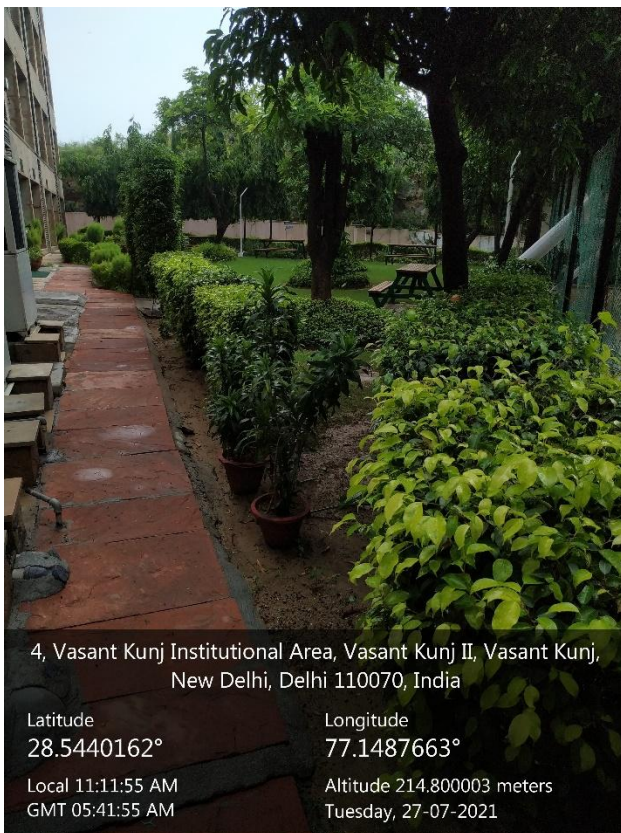
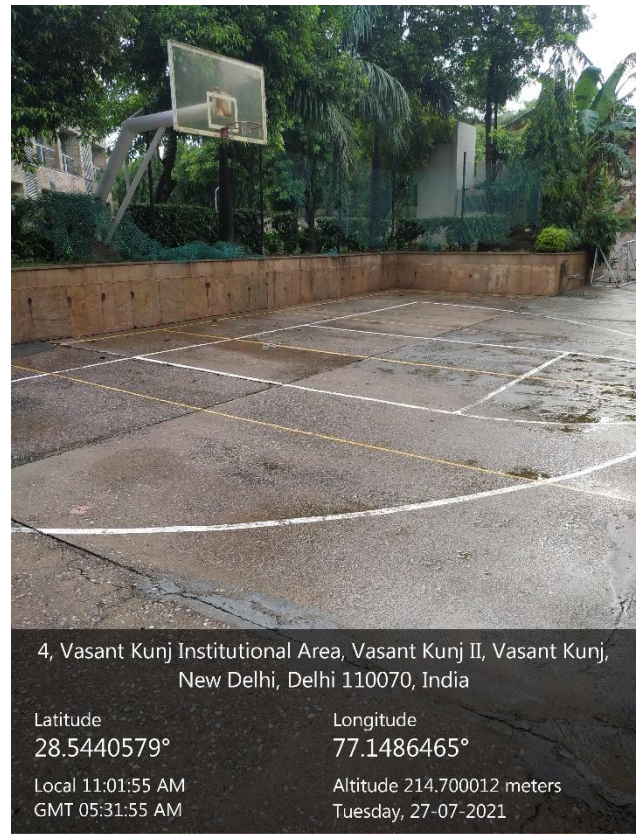
Geotagged photos of waste management in TERI SAS campus



7.1.5.5

7.1.5.D

Geotagged photos of green landscaping of TERI SAS campus



7.1.5.6

7.1.5.E

Geotagged photo of open amphitheatre in TERI SAS campus



7.1.5.F

Geotagged photo of open badminton court in TERI SAS campus



4, Vasant Kunj Institutional Area, Vasant Kunj II, Vasant Kunj, New Delhi,
Delhi 110070, India

Latitude
28.5442163°

Local 02:32:46 PM
GMT 09:02:46 AM

Longitude
77.1489573°

Altitude 217.300003 meters
Wednesday, 19-08-2020

7.1.5.G

Geotagged photo of one of the initiatives to reduce the usage of plastics in TERI SAS campus



4, Vasant Kunj Institutional Area, Vasant Kunj II, Vasant Kunj,
New Delhi, Delhi 110070, India

Latitude
28.5440883°

Longitude
77.1486548°

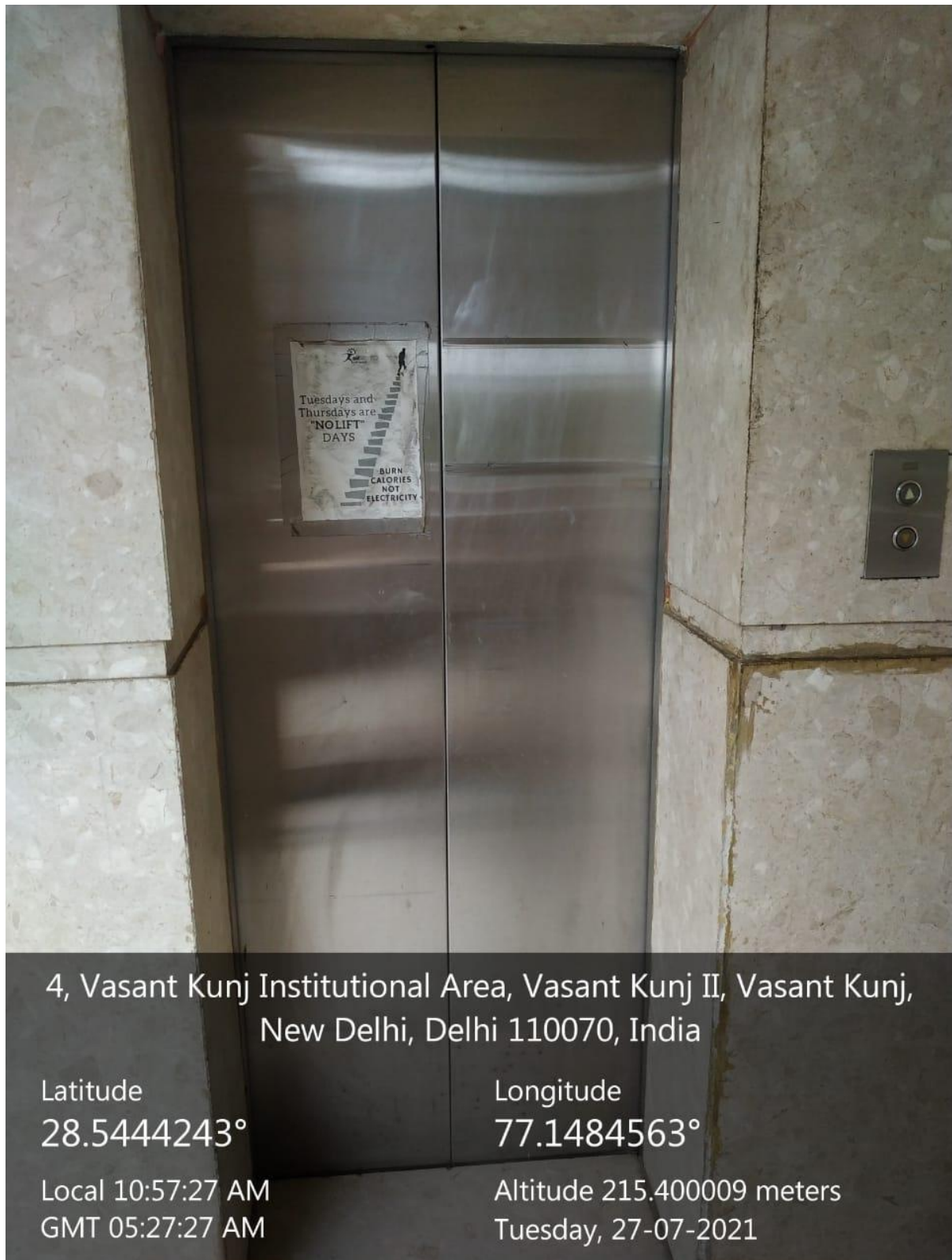
Local 11:21:58 AM
GMT 05:51:58 AM

Altitude 214.700012 meters
Wednesday, 04-08-2021

7.1.5.9

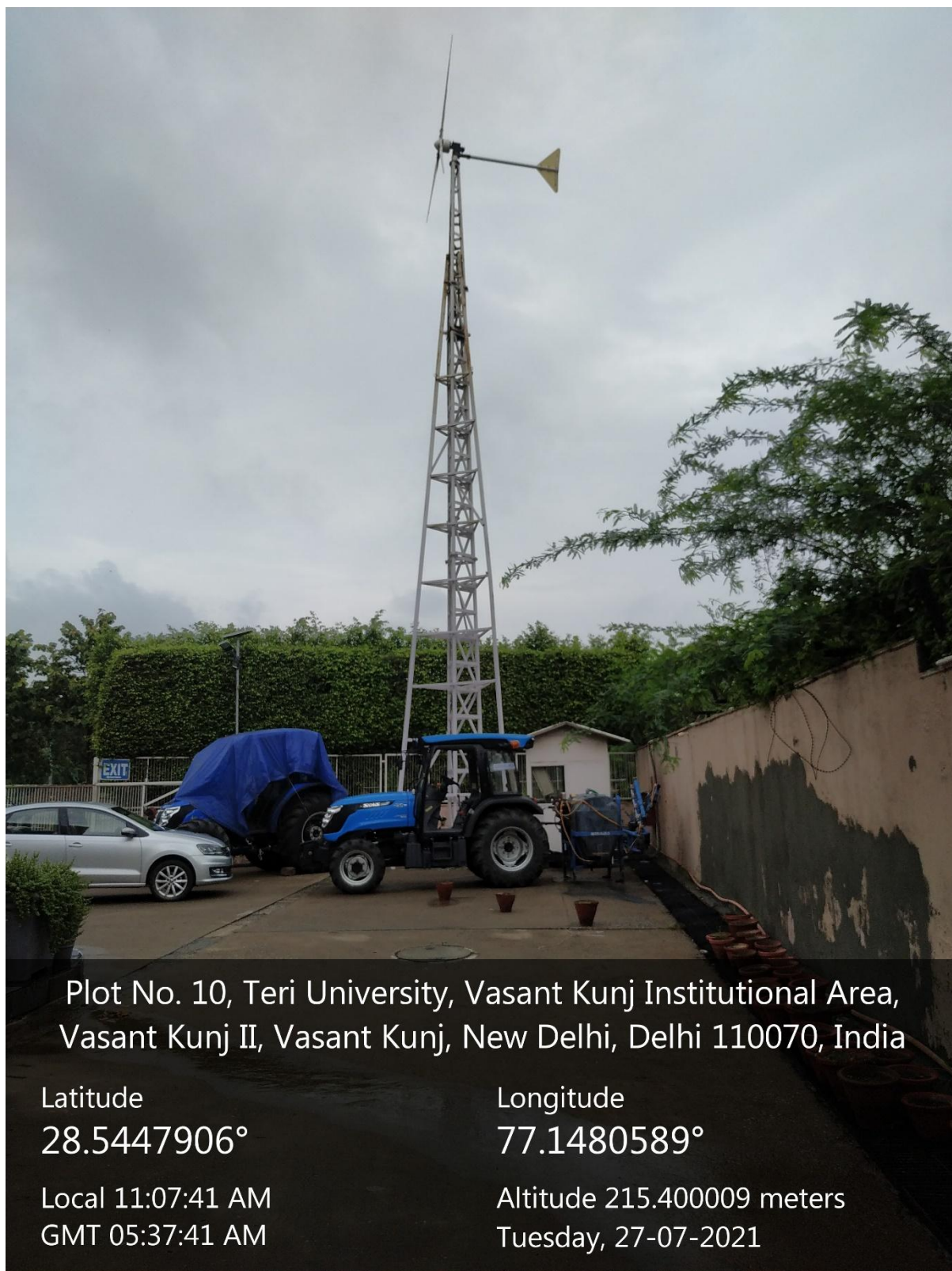
7.1.5.H

Geotagged photo of one of the initiatives of the reduction in electricity usage in TERI SAS campus



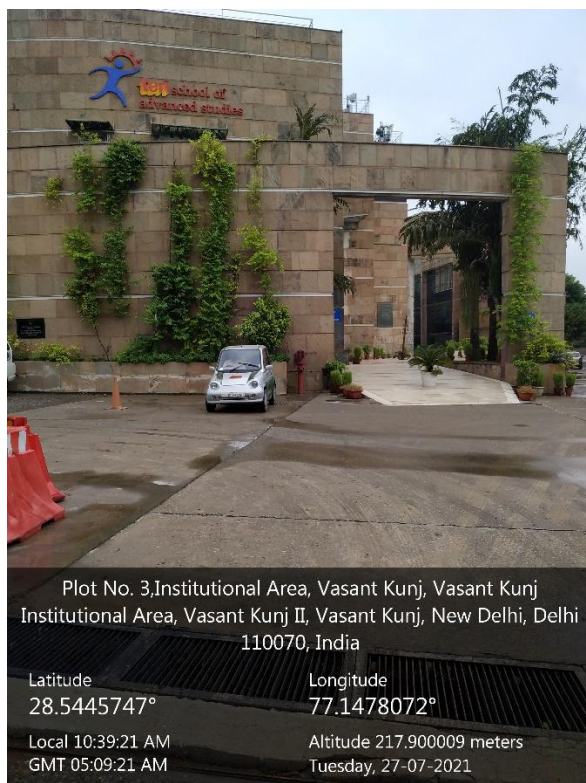
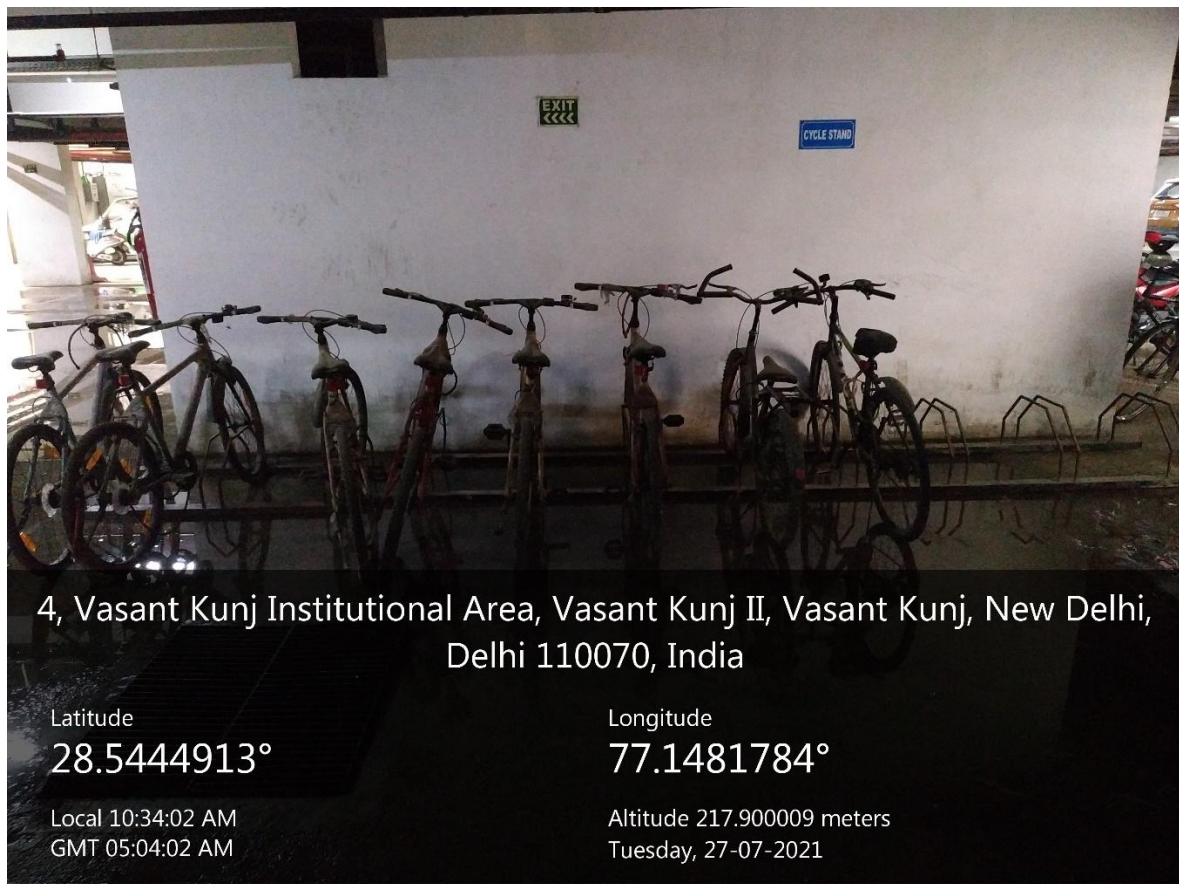
7.1.5.I

Geotagged photo of a small wind mill in TERI SAS campus



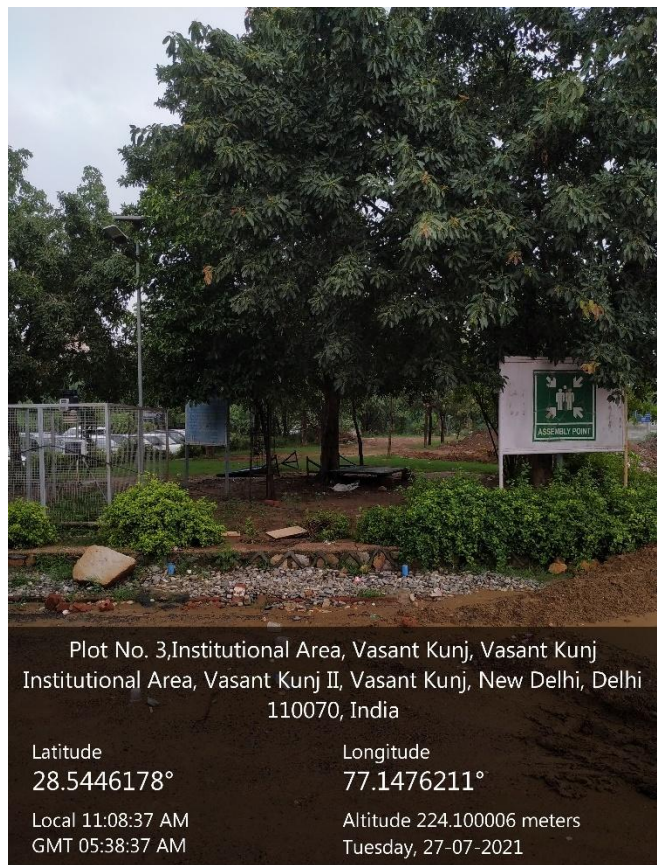
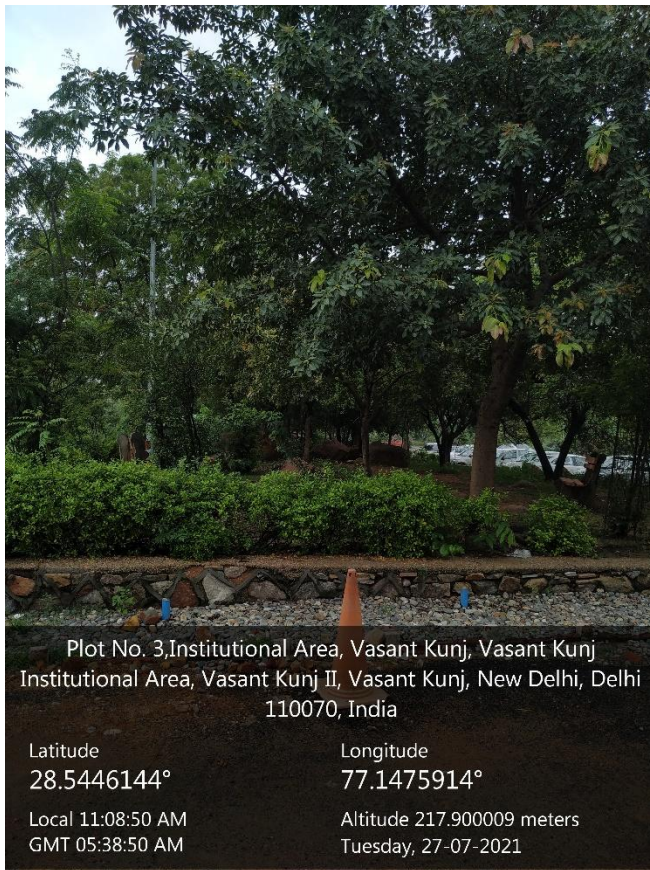
7.1.5.J

Geotagged photos of bicycle stand/battery operated vehicle in TERI SAS campus



7.1.5.K

Geotagged photos of the gardens outside the TERI SAS campus



7.1.5.13