

**Vishwaniketan's
Institute of Management Entrepreneurship &
Engineering Technology [iMEET]**



**REPORT ON: -
VISIT TO Navi Mumbai Municipal Corporation
Turbhe Landfill Site**

VISIT DATE: -10th Oct 2019

DEPARTMENT OF CIVIL ENGINEERING

SITE VISIT REPORT

SITE NAME: Navi Mumbai Municipal Corporation Turbhe Landfill Site

ADDRESS: S Central Rd, Turbhe MIDC, Turbhe, Navi Mumbai 400705

DATE: 10TH OCTOBER 2019

TIME: 11 AM TO 3 PM

We the students of Vishwaniketan College of Engineering khalapur had visited the Turbhe landfill site organized by Department of Civil Engineering

ABOUT TURBHE LANDFILL SITE

NMMC has its own sanitary landfill site at Turbhe, spread over 65 acres, which receives municipal solid waste daily for segregation, processing and scientific disposal. It is estimated that in the year 2016-17 the Turbhe landfill site received around 725 MT waste per day. The sanitary landfill has been protected, from stray dogs and trespassers, by constructing a compound wall along the periphery. Trees of various species are planted around the periphery of landfill site. Completed phases of sanitary landfill are covered with grass and reduce the direct emissions of 'Greenhouse gas', the landfill gas (majorly methane) is flared.



Fig.No.1: Satellite layout and schematic layout depicting sections at Turbhe landfill site

GROUP PHOTOGRAPH WITH THE AUTHORITIES



SUMMARY

From this site visit we understand that Landfills are part of an integrated system for the management of MSW. Now we can imagine actual working of different operations of a Landfill site. We also came to know that when carefully designed and well managed within the context of the local infrastructure and available resources, landfills can provide safe and cost-effective disposal of a city's MSW.