



Parshvanath Charitable Trust's  
**A. P. SHAH INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)  
(Religious Jain Minority)

## DEPARTMENT OF CIVIL ENGINEERING SITE VISIT REPORT

**Subject: - Solid Waste Management (SEM VII)**

**Site Visit Date: - 20-08-2019**

**Site:-Enviro vigils Ankur Theme Park, Kalwa**

**Site Address: - Enviro vigils Ankur Theme Park , TMCs Chhatrapati Shivaji Maharaj Hospital Campus Behind Boiler House, Thane Belapur Road, Kalwa West 400605**



As per the curriculum of University of Mumbai, students of final Year Civil Engineering having Elective I-Solid Waste Management subject required to visit composting or landfilling site as a part of their Term work.

A site visit was arranged to Enviro vigils Ankur Theme Park, Kalwa to see and study composting plant.

### **About the Plant:-**

In the 21st century where global warming and climate change is a major issue, scientists, world leaders and nations are finding solutions to solve climate change issues. Paryavaran Dakshata Mandal (PDM), an NGO of environment education, research and awareness creation in Maharashtra and Goa, works at grassroot level.

It serves the same cause, considering every minute aspect to protect environment, from the past sixteen years. PDM's mission has always been Environmental education, research & awareness creation among the masses for clean, healthy and hygienic environments and has been striving to do so since its inception in 1999.

**Vision:** To build a strong and self-sustained organization working for the cause of Environment.

**Mission:** To empower the youth to accept challenges of changing world with a tune of sustainable development.

Ankur Theme Park Includes 12 Projects Like, Shed House, Organic Farming, Terrace Garden, Butterfly Garden, Vermicompost, Bio composting, Rain Water Harvesting, Biogas, Aquaculture, Magic Bucket, Solar Cooker, Medicinal Plant etc. Also we Showing 2-3 Environmental Based Film.

In this site visit, students have got the knowledge regarding –

- How organic composting and vermicomposting is done in actual practice? What are various practical difficulties faced ? How to overcome these difficulties?
- Bio medical waste management .
- Organic farming, terrace garden, rain water harvesting, bio gas plant, magic bucket to treat solid waste generated in houses.

**Remark :-** PO1,PO2,PO3 ,PO4 and PO12 are covered.  
PSO 1 and PSO3 are covered.

<b>PO Covered</b>	<b>Justification</b>
PO1	Students will be able to apply the knowledge of science, engineering fundamentals, and an engineering specialization for the solution of solid waste management.
PO2	Students will be able to apply natural sciences, and engineering sciences to solve solid waste management issues.
PO3	Students will be able to design solutions for the problems with appropriate considerations of public health and safety and environmental considerations.
PO 4	Students will be able to design experiments in the field of solid waste management.
PO12	Students will have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

<b>PSO Covered</b>	<b>Justification</b>
PSO1	Students will be able to survey environmental engineering problems.
PSO3	Students will be able to work for public health and welfare along with maintaining sanitation.