

## **About Paranjape Schemes**

Paranjape is a leading developer in India having completed over 190 Residential, Commercial and Retail with over 45,000 residents over the last 34 years. The company operates in cities including Pune, Mumbai, Kolhapur, Bangalore, Chiplun, Baroda among other cities.

### **Forest Trails**

Forest Trails in Bhugaon at Pune is spread across 190 acre. The Township is spread comprises of Residential Apartments, Bungalows, Plots, School, College and Senior Citizen Housing Community.

# **Challenges**

- · Prior solutions of managing wet waste not effective as quantum of waste was rapidly increasing.
- $\bullet\;$  Difficulty in utilization of manure generated through composting.
- $\bullet\;$  Excessive cost in consumables and labour to manage the wet waste.
- Minimising Odour associated with the Wet Waste.

#### Solution

The Aindri Team set up a plant at a captive consumption plant to process the wet waste produced into electricity. The electricity generated is captive used to meet common area electricity requirements.

- Processing Capacity: 500 Kg of waste per day.
- Chosen Energy Output: Electricity.
- Electricity Produced: Approx 50 Kwh per day.
- Date of Plant Commissioning: December 2022.

### **Benefits**

- Effective Wet Waste Disposal by the Aindri Plant.
- Additional generation of Renewable Energy on premises.
- Minimal odour generated from the wet waste processing plant.
- · Lower Operating costs as the labour requirement is reduced and no consumables items are required to operate the plant.

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