



## UI GreenMetric

University : Karunya Institute of Technology and Sciences  
 Country : India  
 Web Address : www.karunya.edu

### 3.4 Total volume organic waste treated(tons)

#### Details of Bio-gas Plant

The treated effluent from biogas plant is diverted to the STP for storage and utilized for irrigation/gardening. This will reduce the organic load coming to two STPs of capacity 6 and 4.5 lakh litres of sewage and their operational & maintenance cost.

Sl. No	Location	Capacity of the Bio- gas Plant	Year of Installation	Cost of the Plant (in Lakhs)	Savings in terms of LPG Cylinders (19Kg) /Day
1	FDR Campus	100m <sup>3</sup>	2017	32	2 Nos.
2	JMR Campus	80m <sup>3</sup> (Multifeed)	2010	26	2 Nos.
3	Ladies Hostel (PRG Campus)	100m <sup>3</sup>	2017	32	2 Nos.
4	Ladies Hostel (EVR Campus)	80m <sup>3</sup>	2017	26	1.5 Nos.

#### *KITS Biogas Plant*



- The biogas produced from the plant can be utilized for cooking
- The residual dung or the digested slurry left after generating biogas can be used as manure for agricultural purposes