Waste Management in KITS – Process Flow Chart

B) Solid Waste

Collection of waste materials from Karunya Campuses at common collection points earmarked at each campus

Segregation of Waste

- Waste Paper
  Qty.: 75 – 100 Kg / Day
  → Shifted to the Paper Recycling Plant to produce paper boards (grey board)
  (Contractor: M/s Metro Support Services, Coimbatore)
- Inorganic Waste (Metal, Plastic, etc.)
  → Sold to scrap
- Food Waste (Dining table/Kitchen)
  (2,500 Kg / Day)
  → Partially used in the Biogas Plant (JMR Campus)
  → Supplied to Piggeries
- Bio-degradable waste (dry leaves, garden waste, etc.) (2.5 to 4 tons / day)
  → Shifted to the Vermicomposting yard
- E-waste
  (approx. 1.5 tons / year)
  → Sold to PCB authorized e-waste agency and 'e-waste disposal certificate' is obtained (M/s Green Era Recyclers, CBE)
- Mixed Waste (non-recyclable & other unsegregated waste from KITS/Hostels/ staff residences) (3 tons /day)
  → Shifted to the Municipal waste dumping yard
  (M/s Green Recyclers, Coimbatore)
- Bio-medical Waste (MoU signed with M/s Kovai Bio-waste Mgt. (P) Ltd. for clearing biomedical waste from Karunya Campus)

A) Sewage waste

2 projects are implemented:

1) Sewage Treatment plant (STP) (5 Units)
2) Biogas plant (4 Plants) (Hu-methanation Plant)