

Key components of a Gram Panchayat solid waste management strategy:

- **Waste segregation at source:**
  - Educate households to separate biodegradable (kitchen waste) from non-biodegradable waste (plastics, glass, metal) using separate bins.
- **Collection system:**
  - Establish door to door collection with proper separate bins for different waste types.
  - Utilize a dedicated waste collection team.
- **Composting:**
  - Set up composting pits or units at the village level to treat organic waste, producing valuable manure for agriculture.
- **Recycling and reuse:**
  - Facilitate collection and recycling of recyclable materials like plastic, paper, and glass.
  - Promote reuse practices through awareness campaigns.
- **Safe disposal:**
  - Identify and designate appropriate sites for the disposal of non-biodegradable waste, adhering to environmental regulations.
- **Community engagement:**
  - Conduct regular awareness campaigns on waste management practices, including the importance of segregation and responsible disposal.
  - Involve local Self Help Groups (SHGs) in waste collection and management activities.
- **Capacity building:**
  - Train Gram Panchayat staff and waste collection workers on proper solid waste management techniques.