



**1. Paste the photo in the given space. The photo should clearly indicate the identified problem**



**2. Describe the problem**

Vegetable waste is observed at vegetable market. Disposing of this waste has become big challenge.

**3. Describe the proposed solution to the identified problem**

Modified dustbin to collect waste vegetable, out of it create the compost.

**4. Mention which all disciplines of engineering get involved to provide the proposed solution.**

Modified dustbin will be having the sensors to sense temp, moisture level, chemical sensor  
It requires blender to mix vegetables and chemicals. (IOT, motor , blade, battery, etc)