



GTU TECHFEST 2017

Gujarat Technological University,
Established Under Gujarat Act No.: 20 of 2007

Website: techfest.gtu.ac.in
Email: gtutechfest@gtu.edu.in

Venue:
L.D. College Of Engineering,
Near Gujarat University,
Ahmedabad - 380015,
Gujarat.

EnviManics

ABSTRACT:

Two rounds of biomedical waste segregation and waste rangers will have to be performed. Brainstorm whatever you've read in those books and be quick, time is money. And purify the water using your technical skills.

PROBLEM STATEMENT:

For biomedical waste segregation: 40-50 different biomedical wastes (e.g., syringe, discarded needles, etc.) will be given to the participants. He/she has to segregate the wastes according to its category so as to place the wastes into the correct collection bins. As the time given to complete the task will be 1 min, teams with the highest score will get qualified for the 2nd round and the rest will get eliminated automatically.

For Water rangers: Only those participants who qualify 1st round will appear in this round. In this, their task will be to make a filter column within 10 mins with the materials provided. The filter column allowing a proper flow of wastewater through it along with the efficient removal of turbidity will be declared as winner.

Specification:

Biomedical waste segregation: Name of Biomedical waste will be given. Segregation should be done depending on its category. Placing the given waste into the correct collection bin.

Water rangers: Materials to be used in preparing filter column will be provided. Within the time limit, the column should be ready. Overflow of water should be avoided from top of the column. Velocity of flow through column and the column removing turbidity efficiently will be considered for judging basis.



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RULES:

For biomedical waste segregation: Time limit: 1 min

For water rangers:

- Participants will not be allowed to bring their own materials.
- Time limit- 10 minutes.

Judging Criteria:

For biomedical waste segregation: Teams with maximum scores will move to the 2nd round.

For water rangers: Velocity of flow through column and efficient removal of turbidity from the sample achieved.

TEAM SIZE: 2 participants each team

REGISTRATION FEES: Rs. 50 per participant

EVENT MANAGER CONTACT:

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