



# GTU TECHFEST 2017

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

Website: [techfest.gtu.ac.in](http://techfest.gtu.ac.in)  
Email: [gtutechfest@gtu.edu.in](mailto:gtutechfest@gtu.edu.in)

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

## Bottle Battle

*"Touch the Sky"*

### Abstract:

We as chemical engineers are expert at explosive ideas! But wait a second, how far can your thoughts go beyond explosions? That's what you have to do here. Get yourself registered for "Bottle Battle" and prepare a missile and launch it with only air and water. So let your imagination reach the stars this season.

### Problem Statement:

Design a rocket that can cover the maximum distance after launching.

### Specifications:

- Dimensions for missile: maximum length: 45cm and maximum diameter: 12cm.
- No harmful, toxic or Hazardous chemicals can to be used.

### Rules:

- The horizontal distance covered by the missile at the first fall on ground will be considered as the distance covered.
- If possible come with a suitable launcher and air pump.
- The decision of event managers cannot be challenged.
- Strict discipline should be maintained during the event.
- Violation of any rule will be followed by instant disqualification.



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## Judging Criteria:

- Average of 1<sup>st</sup> and 2<sup>nd</sup> round points will decide the winner.
- Participants and the teams securing Top 3 position along with complying to all rules and regulation will be awarded with GTU Techfest 2017 Participation Certificate and Winner Certificate respectively.

**Team size:** 3 participants per team

**Registration Fees:** Rs. 50 per participant.

## Event Manager Contact:

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