



# 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.

## ESCAPE PLAN

*"No one breaks out alone"*

### Abstract:

Do you have the highest potential and the brightest spark? Eliminate the smallest glitch in the least time to rectify, amplify, simplify and glorify your circuit.

The event is based on digital electronics and circuits where knowledge of one in binary arithmetic, Boolean algebra, basic logic gates, flip flops etc. would be tested.

In the end one needs to crack a circuit to escape out from the prison thus, giving it name "ESCAPE PLAN".

### Problem Statement:

Participants will be given problem statements to solve, components to build circuitry as per the task provided using their technical acumen and in the end they will be put in a trap from where they will have to escape themselves by deducing the required inputs and outputs of a complicated circuit.

### Specifications:

- Participants should have basic knowledge about basic gates and Boolean algebra.
- Participants should have knowledge about timer ICs, counter etc.
- Participants should have knowledge about basic electronics and components.



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## Rules:

- The event consists of three rounds.
- A team needs to clear first two rounds to get to the final escape round.
- Round description, rules related to each round will be given on the spot.
- 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.

## Judging Criteria:

- Each round would be Time based. Participants will have to completed the allotted tasks in the given time frame.
- 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:** 2 Members

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

**Event Manager Contact:**

**Mrunal Hatwar**

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