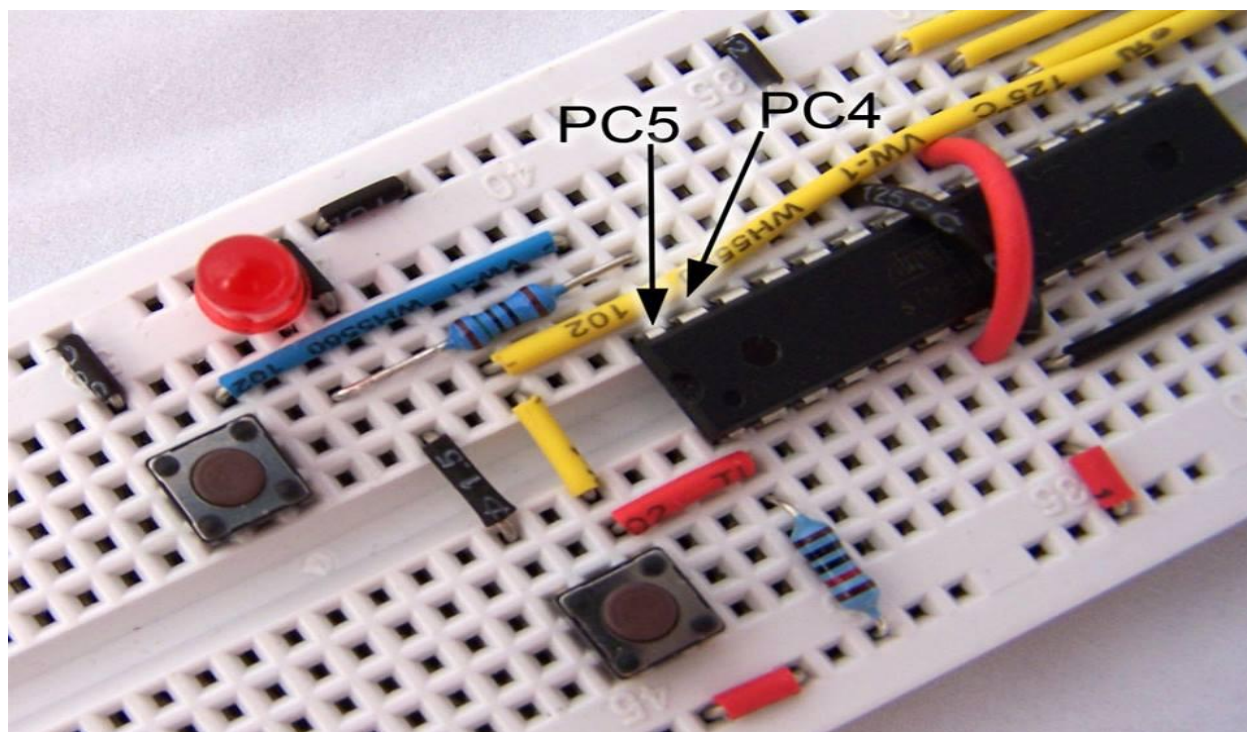# CRACK THE CIRCUIT

"They might look small but circuits have a whole new world within them"

INTRODUCTION:

Technology is a queer thing if it provides you great gifts with one hand it stabs at you back with another. The basic of technology begins with understanding the basic knowledge of common circuits around us and day to day common concepts related to it.

So here we give you a chance to brush up your basic skills in electronics and use it to clear the thrilling series of electronic tricks and hurdles. Test yourself, go for implementation and then be a part of unexpected final round and mind one golden rule "there are no small accidents on any circuit.. "

PROBLEM STATEMENT:

The face-off starts with a quiz. The qualifying participants will be divided into teams (of 3 or 4) and in second round .All components required will be provided to all the teams on the spot. Circuits have to be designed within a specified time limit. All teams will have the same kit. Teams are not free to move around or ask other teams for their components. Paper sheets will be provided for drawing circuits and writing details of the circuits. They will have to implement circuit on BREAD BOARD with proper required output.

RULES AND REGULATIONS:

- The first round comprises of a Quiz, which will be having multiple choice type questions related to electronics and general aptitude. Based on the score of the test, teams will be shortlisted for the next round.
- The objective of the second round is to implement a circuit on the bread board. Each of these circuits will have a certain time limit. If you complete before that time you will be awarded with some extra points if you delayed then it may happen that your marks get deducted.
- Any team that will not report at the time specified will be eliminated from the competition.
- Participants from different institutes may form a team.

JUDGING CRITERIA:

- Points will be distributed on the basis of circuit cleanliness.
- The points that are scored in the final round which includes communication skills and presentation skills will decide the winner.

- In case of discrepancy the decision of jury will be considered as the final decision.
- If anyone find using unfair means will be disqualified on the spot.

TEAM SIZE:

- Stand alone event so individual participation is invited.
- Teams will be decided randomly for the rounds furthermore.

ELIGIBILITY CRITERIA:

- All students with a valid Identity Card of their respective educational institutes are eligible to participate.
- Non-JUET participants must possess an Accommodation Confirmation Letter (ACL) issued by the organizing body at the time of registration. Registration Card will not be issued without ACL.

EVENT MANAGERS:

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