CIRCUIT DESIGN

INTRODUCTION :

The main focus of this event is to detect the bugs in the circuit. Pinpoint the blunder in the circuit and enhance your debugging capability.

Technical problem solving involves a written technical test (Objective), in case if no. of teams are more than 10. Short listed teams are eligible for the circuit debugging competitions. A specific set of components will be provided to the participants. Time allotted for the first round will be 30 minute while for the second round will be 45minute.

EVENT STRUCTURE:

1st Round – Elimination Round

* 30 questions will be given.
* Event duration: 30 minutes.
* Multiple choice questions (only technical questions).

2nd Round – Final Round

 * Event duration: 45 minutes (maximum).
 * The bug circuit should be debugged and explanations are to be given.
 * If any damage to the equipment has been made, then that batch will be disqualified immediately.
 * Time taken to finish debugging will be noted and accordingly first three places are determined.

GENERAL RULES:

1. It is a team event, each team comprising of maximum 2 members.
2. All the participants are required to be present at the venue an hour before starting of each event.
3. Participants must bring their college identity card with photo identification or an authorization letter.
4. Teams are requested to inform in advance to the coordinators the day and time of arrival.
5. Care must be taken to strictly follow the timing.

6. Any form of miss conduct and indiscipline from the participants will result in termination of the concerned team or college from the participation.
7. Maximum two members per team.
8. Prelims will be a written test covering the fundamentals of digital circuits, analog circuits and linear integrated circuits.
9. There will be negative marking for wrong answers.
10. Based on the marks scored in prelims, selected number of teams will move to the final round of circuit debugging.
11. Electronic gadgets like calculator, mobile phones etc. are not allowed.
12. In case of any disputes, decision of the judges will be final.

STUDENT COORDINATOR:

Parth Chavda (9033704066)

Heli Kothari