**ELECTRONIC ARTS**

**The Event**

* The teams may use different circuits like blinking circuits, flashing circuits, timer circuits, switches, motors, color variation and so on to add effect and improve on the presentation.
* Ideas such as LED cubes, LED matrix, Persistence of vision, led wires, SMD LED’s, led strips, led displays (hexadecimal), lenses, mirrors, optical fibers, glass plates etc. maybe be applied.
* The teams are required to make a model in accordance to the theme.
* The team members are required to know and understand the working of all the circuits used in the model.
* Microcontroller’s maybe used, but the participants are required to know the operation that is being carried out.

**The Idea**

* The idea is to make a model or an arrangement using LEDs and other circuitry and present your ideas in accordance to a certain theme.
* The LEDs should be soldered, wired and arranged in such a way so as to depict or represent something of significance according to the theme.

**RULES:**

* A team can consist of a maximum of 3 members.
* The circuits should be made by the participants. If found using ready-made circuits, the team may face disqualification.
* The teams are allowed to use basic electronic components to showcase their art.
* Sound effects may be added.
* The teams must make the art at home and get it on the day of the competition. No changes shall be permitted once the team enters the exhibition hall.
* The maximum dimensions of the art can be 50cm\*50cm\*50cm.
* A maximum of 12 volts may exist in the circuit’s model.
* Teams should make use of battery packs in case they wish to use their own power supply or voltage adapters (12 to 5 volts) if they require external power supply.

**JUDGING:**

The model presentation will be judged according to the following criteria.

1) Complexity of the circuitry.

2) Interpretation of the theme, visual appeal or Wow factor and beauty. (Colors used, structures constructed etc.).

3) Presentation of the model. (Speaking and explanation).

**Theme**

**NATURE: BRIGHT AND BEAUTIFUL!**

Note: The decision of the Head Coordinator will be the final decision in case of any discrepancies. They hold the right to change the rules to promote fair play, sportsmanship, and to ensure that all competitors have an enjoyable competition.

For any queries contact the coordinators.

**CO-ORDINATOR**:

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