



## Events at a glance

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### *Capturing Caricatures*



#### Event Description

**Capturing Caricatures** is a caricature drawing competition. Students will create a caricature of any famous personality in Ms Paint and add a catchy funny caption to their caricature.

**Classes:** III and IV

**Number of Participants:** 2 (one from each class) per school

**Time Allotted:** 1 hour 30 minutes

#### Criteria for Evaluation

1. Neatness in drawing and colouring
2. Relevance of caption
3. On time completion

### *Present with Panache*



#### Event Description

**Present with Panache** is a competition in Ms PowerPoint. Students will make a PowerPoint presentation on the topic '**Artificial Intelligence- Scope and Side-effects**' in Microsoft PowerPoint software.

**Classes V and VI**

**Number of Participants:** 2 (one from each class) per school

**Time Allotted:** 1 hour

#### Criteria for Evaluation

1. Organization and layout of content
2. Use of illustrations
3. Use of animation



## E-brochure



### Event Description

The students will make e-brochure on Artificial Intelligence in MS Publisher.

**Classes:** VII-VIII

**Time Allocated:** 2hrs

**Number Of Participants:** 1 from each school

**Time Allotted:** 1 hour

### Rules and Guidelines

1. Data Bank for brochure will be provided.
2. The e-brochure should be of A4 size. Brochure should be Tri-folded in landscape view.

### Criteria for evaluation:

1. Relevance to the theme
2. Creativity
3. Innovation
4. Selection of picture & graphics
5. Organization of content

## Robo Golf



### Event Description

The participating teams have to make a wired or wireless remote controlled robot which can play golf. Robot has to put the ball in the golf in minimum number of hits in a limited time.

**Classes:** VII - VIII

**Number of Participants:** 3 from each school

**Time allotted:** 2 Hours.

### Rules and Guidelines

- Robot must fit within a box of dimensions 300 mm x 300 mm x300 mm at the beginning of game and during the game.
- The on-board power on the robot, must fit within the afore mentioned box.
- Robot cannot be constructed using readymade Lego kits or any readymade mechanism. However, use of readymade gears and assembly is allowed.
- Maximum voltage between any two points should not exceed 12V.
- Maximum allowed weight of robot is 5kg

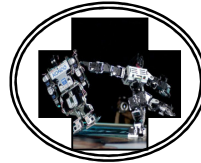


- Ball Specifications: Diameter 42.7mm(Approx)  
Weight - 46gms (approx)
- Hole dimension: 108mm.

### Criteria for evaluation

1. First round: maximum no of balls hitting the hole in the minimum hits and time.
2. Second Round will be one on one.

## Robo Combat



### Event Description

In this event participants have to design an autonomous Robot which can push the opposition robot out of track or make it immovable.

**Classes:** IX-X

**Number of Participants:** 2-3 from each participating school

**Time allotted:** 2 hours

### Rules and Guidelines

#### Dimensions

- The size of the robot should be 25cm\* 25cm\*25cm maximum.
- Voltage between any two points should not exceed 12 Volts at any time of the run.

#### Arena

- Arena will be an elevated ring of diameter 4 feet and all rounds will be 1-on-1.
- Robots will start from diametrical ends.
- Arena will be completely black in color.

#### Robots

- Robots should not use toxic chemicals or fire.
- Robots should have on board supply.
- Robot should not split into multiple robots.

### Criteria for evaluation

- All the 1-on-1 challenges will be knockout ones. Each challenge will have max 3 rounds of fixed time period.
- Any robot which doesn't move for more than 30 seconds will be considered immovable and will lose the round.
- Robot has to push the opposition robot out of the arena to win the round.



## Software Display - Java & C++



### Event Description

Participating students are required to present an **original** piece of self-created software on his/her own device, along with a well-formatted softcopy of the source code.

**Classes** : XI and XII

**Number of Team(s):** Open

**Maximum number of participants per team:** 2

**Time Allotted:** 5 minutes to give presentation

### Rules and Guidelines

- The Software can be developed in c++ (TurboC++ or Dave C++) or Java (Net beans IDE).
- A maximum of **eight** teams shall be selected for the Inter School Final Round.
- All teams qualified for the final round will be given maximum 5 minutes for the presentation of their app/software.
- The Presentation must have a precise Project report.
- Interjections by judges and audience both will be a part of the final round.
- **Students have to bring their own laptops for their software display.**

**\*\* If any significant part of the code is found to be extracted from the internet, the participant shall be disqualified from the Competition.**

## Quiz



**Number of team(s):** Open

**Class :-** XI and XII

**Maximum number of Participants per team:** 2

### Rules and Guidelines

- The preliminary round, will be an MCQ round.
- The **top six** teams will be shortlisted for the Final Round.
- The quiz shall cover all aspects of computing and IT with general awareness.
- Participants are requested to bring their own stationery.



## Top Coders



**Number of Team(s):** Open

**Classes :** XI and XII

**Participants per team:** 2

**Time Allotted:** 1 hour

**Software:** Turbo C++ 11/4.5, Java Netbeans.

### Rules and Guidelines

*The written preliminary round,*


- The **top six** teams will be short listed for the Final Round The final rounds will be held in the school computer labs.
- Program to be coded in C++ or Java Netbeans.
- The problems will encompass themes of logic, reasoning and math.
- They will be required to write and compile the programs within the given time limit.


### General rules and regulations of participation are:-

1. The last date for confirmation of registration is 10<sup>th</sup> January 2019.
2. An early confirmation will be highly appreciated.
3. The registration time is from 8:00 am to 9:00 am on the day of the event.
4. The event will commence at 9.00 am and will conclude by 2:00 p.m.
5. Participation is mandatory in all events if the participating schools compete for the overall trophy.
6. All the participant schools will be awarded certificates.
7. A child can participate in one event only.
8. Please note that the decision of the judges will be final and binding.


Click the link at <https://bit.ly/2Agsj6v> to register your participation.


**For any further information or clarification, you may contact:**


**Ms. Anjana Sharma** -  8130585826 (for classes III and IV)

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**Ms. Seema Pathak** -  9205573951 (for classes VII to X)

**Mr. Mohit Saras** -  9891389128 (for classes XI – XII)

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*Waiting for an overwhelming response!!!*

