



**"Great Vision Without  
Great People Is Irrelevant"**

**-Jim Collins**

To

Date 27 Nov 2020

The Principal

Dear Sir/Madam,

- It gives me immense pleasure to invite your esteemed school for the **First Online Inter-School IT Based Competition** organized by the **OXANTUM CLUB** under the aegis of **Artificial Intelligence and Machine Learning department of Bal Bharati Public School, Noida**. The event is an opportunity for students to achieve technological brilliance and showcase their talent in the field of emerging technology.
- The Online event will be held on **21<sup>st</sup> December and 22<sup>nd</sup> December 2020**. Winners (event wise) will be felicitated with Tech Enabled kits and participating team(s) will be entitled to e-certificates. The last date for registration and receipt of entries for the **competition through Google forms** is **10 December 2020**.
- Enclosed is the list of events, event details and the schedule. Schools are requested to register online using the link <https://forms.gle/H1bXPP8yMAemq9SA8>
- The wholehearted participation of students will go a long way in making this event a grand success.
- Looking forward to a long lasting, enriching partnership and collaborative learning.

Thanking you,

Yours sincerely,

Asha Prabhakar  
(Principal)

स्वच्छ भारत

एक कदम स्वच्छता की ओर

# GENERAL INSTRUCTIONS

(for Teacher incharges and participating students)

- Entries without registrations will not be entertained.
- Schools are requested to confirm their participation by filling the registration form latest by **10th December 2020**.
- Submission Date for all events is **16 December 2020**. The List of final round participants will be uploaded on our social media pages and our website on **18 December 2020**.
- The participating teams are requested to visit social media pages for regular updates. Schools can also join the discord server.
- Participating Schools will be disqualified for not adhering to the event rules.
- Participation of a student in multiple events is allowed, however if a situation arises of overlapping event, it will be the responsibility of the participating school to manage the same. The Host school will not make any amends in its published schedule.

## PRELIMS:

- All the registered participants need to fill the submission form latest by **16 December 2020**. The Project File and the Source Code is to be provided along with the submission. Failing to adhere, entries will not be considered a part of event.
- The judgements will be made as per the judgement criteria published for each event and the decision of the judges will be final and binding.

## FINALS:

- The shortlisted participants will be asked to make a presentation of their entries. The Presentation will take place as per the schedule and google meet ID shared, through a WhatsApp group created for this purpose only.
- Time limit for each participant's presentation will be as per the instructions provided for each event in the Event Brochure. Students will be given a 5 minutes' Window to join the meeting.
- Questions will be asked during the presentation.



# Google Forms

01	Registration Form	:	<a href="https://forms.gle/HTbXPP8yMAemq9SA8">https://forms.gle/HTbXPP8yMAemq9SA8</a>
	GaimBot Registration	:	<a href="https://forms.gle/9Z5cCWPg95L7eaFGA">https://forms.gle/9Z5cCWPg95L7eaFGA</a>
02	Webscript Registration	:	<a href="https://forms.gle/pnvCUUDQQVsjKp4QA">https://forms.gle/pnvCUUDQQVsjKp4QA</a>
	Webscript Submission	:	<a href="https://forms.gle/9FoAkRbvMNatz2mi9">https://forms.gle/9FoAkRbvMNatz2mi9</a>
03	Doodlistic Registration	:	<a href="https://forms.gle/DpP9WBZCAGfkJ2YMA"><b>https://forms.gle/DpP9WBZCAGfkJ2YMA</b></a>
	Doodlistic Submission	:	<a href="https://forms.gle/cb8BcDuatmuM92Vo8"><b>https://forms.gle/cb8BcDuatmuM92Vo8</b></a>
04	QROS-IT-Y Registration	:	<a href="https://forms.gle/yVb77PiG7feeZ4gC7">https://forms.gle/yVb77PiG7feeZ4gC7</a>
05	GoalsGenix Registration	:	<a href="https://forms.gle/jtgM7Qk8sShr1zSq5"><b>https://forms.gle/jtgM7Qk8sShr1zSq5</b></a>
	GoalsGenix Submission	:	<a href="https://forms.gle/TuAey9qrwGpkyxa9">https://forms.gle/TuAey9qrwGpkyxa9</a>
06	B-Roll Registration	:	<a href="https://forms.gle/ABQJ8E2aMTyBY9Lh7">https://forms.gle/ABQJ8E2aMTyBY9Lh7</a>
	B-Roll Submission	:	<a href="https://forms.gle/YauJFWGvYqPrtKge7">https://forms.gle/YauJFWGvYqPrtKge7</a>
07	Pixelerate Registration	:	<a href="https://forms.gle/pvpqFzvngsZfMorHA">https://forms.gle/pvpqFzvngsZfMorHA</a>
	Pixelerate Submission	:	<a href="https://forms.gle/qb6HL2Hu3tUuPJLK6">https://forms.gle/qb6HL2Hu3tUuPJLK6</a>
08	Auto Draw Registration	:	<a href="https://forms.gle/vJ4X4AfSEi8EE1AB9"><b>https://forms.gle/vJ4X4AfSEi8EE1AB9</b></a>
	Auto Draw Submission	:	<a href="https://forms.gle/iuU8DhUGusA9PTn2A"><b>https://forms.gle/iuU8DhUGusA9PTn2A</b></a>



# Event Wise Details

EVENT (S)	DOMAIN	TEAM(S)	PARTICIPANT(S)
GaimBot	Open	1	5 (4)
Webscript	X-XII	1	1
Doodlistic	IX-XII	1	1
QROS-IT-Y	IX-XII	1	1
GoalsGenix	VIII-XII	1	1
B-Roll	IX-XII	1	3
Pixelerate	IX-XII	1	1
Auto Draw	IV-V	1	1

Only Physical Safety is not the question right now!  
Word of caution ~ We need to ensure cyber safety and  
security with maximum effect.

Asha Prabhakar  
Principal, BBPS (Noida)



# SCHEDULE

- **01st December 2020**                      **Registration Begins**
- **10<sup>th</sup> December 2020**                      **Registration Ends**
- **16<sup>th</sup> December 2020**                      **Submission for prelims**
- **18<sup>th</sup> December 2020**                      **Prelims Results Out**

## DAY WISE SCHEDULE

Day – I (21 <sup>st</sup> December 2020)	<ul style="list-style-type: none"><li>• QROS-IT-Y(Prelims)</li><li>• Web script</li><li>• GaimBot</li><li>• Pixelerate</li><li>• GoalsGenix</li></ul>
Day – II (22 <sup>th</sup> December 2020)	<ul style="list-style-type: none"><li>• QROS-IT-Y(Finals)</li><li>• GaimBot</li><li>• Doodlistic</li><li>• B-Roll</li><li>• Auto Draw</li></ul>
Day – III (23 <sup>rd</sup> December 2020)	<ul style="list-style-type: none"><li>• Valedictory Function Shall stream live on YOUTUBE 1100 hrs onwards</li></ul>

**IOT without security is Internet of THREATS!**

Meetu Tripathi  
HOD – Computer Science



# CONTACT US

**BAL BHARATI PUBLIC SCHOOL,**

**SECTOR-21, NOIDA**

**<http://bbpsnoida.balbharati.org>**

**Email - [oxanium@nd.balbharati.org](mailto:oxanium@nd.balbharati.org)**




## Teacher-in-Charge (S)

Ms. Meetu Tripathi (HOD-Computer Science) +91 98187 51479	<b>Ms. Meenakshi Gulati</b> <b>(TGT - Computer Science)</b> <b>+91 92050 27408</b>
Ms. Asha Menon (TGT - Computer Science) +91 98109 56329	<b>Ms. Sheetal Sharma</b> <b>(TGT - AI)</b> <b>+91 87008 27818</b>
Ms. Alka Rai PRT – Computer Science 91 9205027408	<b>Ms.Sonam Malik</b> <b>PRT – Computer Science</b> <b>91 9711045629</b>

## Student-in-Charge (S)

Vatsal Mittal	<b>XII</b>	<b>+91 98111 06057</b>
Raghav Singh	<b>XII</b>	<b>+91 96436 04477</b>
Kunal Chauhan	<b>XI</b>	<b>+91 93107 73281</b>
Satyam Shivam	<b>XI</b>	<b>+91 72908 87501</b>

- **The last date for registration is 10 December 2020.**
- **The last date for submission is 16 December 2020.**

 <a href="https://oxanium.in/discord">OXANIUM.IN/DISCORD</a>	 <a href="https://www.instagram.com/oxamite">/OXAMITE</a>	 <a href="https://www.facebook.com/oxamite">/OXAMITE</a>
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# GaimBot

<b>Domain</b>	:	Open
<b>Team(s)</b>	:	1
<b>Participant(s)</b>	:	5 (acceptable up to 4)
<b>Game</b>	:	VALORANT by Riot Games
<b>Server</b>	:	Mumbai
<b>Map</b>	:	Random Map (excluding Icebox)

- Participants are requested to have Valorant pre-installed and a good internet connection on their respective devices.
- A schedule of matches will be provided once the registrations are done.
- A window of 10 minute will be given to each team for entering the lobby. If a team fails to enter the lobby in the given time, they will be disqualified.
- Anyone caught using hacks or unfair means will be disqualified immediately.
- If a team surrenders, the opposition team will be declared the qualifiers.

## Round I

- Each school's team will play against another school's team. It will be a 13 round standard match.

## Round II

- The qualified teams will be provided with a new schedule of matches. It will be a 5 round standard match.

## Round III

- The top two teams in the leaderboards will compete in another 13 round standard match for the finals.

### Teacher In-charge:

Ms Meenakshi Gulati  
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### Event Coordinator(s)

Chinmay Nanda (XI) +91 87506 76114  
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Privacy is dead and SOCIAL MEDIA holds the Smoking Gun.

Meenakshi Gulati  
TGT – Computer Science



# Webscript

**Domain** : X - XII  
**Team(s)** : 1  
**Participant(s)** : 1  
**Languages** : HTML, CSS, and JavaScript

## Rules for prelims:

- For the prelims, participants will have to prepare an original website based on the theme: **Watches**
- Participants need to submit the source code of the website in the form of a google drive folder link.
- Plagiarism of any kind will result in instant disqualification.
- **Rules for finals** are provided in the **General Instructions**.

## Judgement Criteria:

<b>Total Points</b>	<b>100</b>
<b>Originality &amp; Unique Ideas</b>	20
<b>Creativity &amp; Design Skills</b>	30
<b>Code Quality</b>	50

- Jury has all the rights reserved. In case of any conflict, decision of the Jury shall be final and binding.

## Teacher In-charge:

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## Event Coordinator(s)

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Rohan Singh (XI) +91 80049 23723

Treat your **PASSWORD** like Toothbrush. Don't let anybody else use it and get a new one every six months

- Clifford Stoll





# Doodlistic

- Domain** : IX – XII
- Team(s)** : 1
- Participant(s)** : 1
- Software(s) to be used** : Adobe Illustrator or Adobe Photoshop

## Rules for prelims:

- The participants will create a Google Doodle on AI.
- Idea should be simplistic, minimal, original and non-fictional.
- You need to submit the project file as well.
- Plagiarism of any kind will result in instant disqualification.
- **Rules for finals** are provided in **General Instructions**.

## Judgement Criteria:

<b>Total Points</b>	<b>100</b>
<b>Neatness</b>	25
<b>Creativity</b>	25
<b>Simplicity</b>	25
<b>Attractiveness</b>	25

- Jury has all the rights reserved. In case of any conflict, decision of the Jury shall be final and binding.

## Teacher In-charge:

Ms. Asha Menon  
91 98109 56329

## Event Coordinator(s)

Raghav Singh (XII) +91 96436 04477  
Satyam Shivam (XI) +91 72908 87501

The greatest device for more creativity and innovation is a  
CURIOUS mind.

Asha Menon  
TGT – Computer Science



# QROS-IT-Y

**Domain** : IX - XII

**Team(s)** : 1

**Participant(s)** : 1

**Platform** : Zoom

- The quiz based on AI and ML will be conducted in two rounds – Prelims and Finals.
- The meeting link for the quiz will be provided to the participants on the WhatsApp group that will be created 2 days before the event.
- Top 5 teams would head to the final round on the basis of how fast and precise their answers are.
- Participants' mic must be muted all the time and camera must be on during the event.
- The participants must wear their school ID cards.
- Any type of questions by the participants must be addressed to the event organizers through the chat
- Answers must be posted privately to the event host in zoom.
- Organizers are not responsible any kind of internet disruption so it is requested to maintain a stable internet connection.
- Any type of malpractices would not be tolerated and will result in instant disqualification
- The decision of the quiz master would be final and binding.

## Teacher In-charge:

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## Event Coordinator(s)

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**Our fear is that we are neglecting the risk of 'Cyber errors' in creating wild descriptions. Stupidity is always more common than evil.**

**Sheetal Sharma  
TGT – Artificial Intelligence**



# GoalsGenix

<b>Domain</b>	:	VIII - XII
<b>Team(s)</b>	:	1
<b>Participant(s)</b>	:	1
<b>Software(s) to be used</b>	:	Microsoft PowerPoint

## Rules for prelims:

- Participants are requested to choose a sustainable goal from the 17 goals provided by the UN.
- The participants need to give a detailed analysis on how India in next 10 years can achieve that sustainable goal, including information about how various sectors of society would contribute to achieve the goal.
- A slide showing how students may contribute to the development of India in order to accomplish the goal is a must.
- Idea should be new, original and must be presented in an exemplary way.
- Plagiarism of any kind will result in instant disqualification.
- **Rules for finals** are provided in **General Instructions**.

## Judgement Criteria:

<b>Total Points</b>	<b>100</b>
Outreaching Skills	25
Contribution	25
Innovation	25
Research and Analysis	25

## Teacher In-charge:

Ms Sheetal Sharma  
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## Event Coordinator(s)

Vatsal Mittal (XII) +91 98111 06057  
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If AI is the new engine that is driving us ahead, then surely future belongs to those who can merge creativity with technology.

Alka Rai  
PRT - Computer Science



# B-Roll

- Domain** : IX - XII
- Team(s)** : 1
- Participant(s)** : 3
- Software(s) to be used** : Adobe Premiere Pro, Adobe After Effects or Wondershare Filmora

## What is B-roll?

- B-roll is essentially alternative mini footage to your main footage making it alternative cutaway footage. For example, if you're shooting an interview with a welder, your Main footage will be the footage of the welder talking. The B-footage would be the cut away shots showing the welder at work. For the competition, only B-roll is required (alternative footage).

## Help :

<https://drive.google.com/drive/folders/1NSMkWisWzryoljyBeu4TaEZ0mG8LJv9p?usp=sharing>

## Rules for prelims:

- Topic is left to be open for your convenience.
- All movies are to be given a suitable title and duration should be up to 45 seconds.
- Movie should be exported in mp4 format.
- Participants need to submit the project file and B-roll only in the form of a google drive folder link.
- Rules for finals are provided in General Instructions.
- Plagiarism (and/or inclusion of stock videos) of any kind will result in instant disqualification

## Judgement Criteria:

<b>Total Points</b>	<b>100</b>
<b>Creativity</b>	25
<b>Sound Effects</b>	25
<b>Fluidity</b>	25
<b>Cinematography</b>	25

### Teacher In-charge

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### Event Coordinator(s)

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# Pixelerate

**Domain** : IX - XII  
**Team(s)** : 1  
**Participant(s)** : 1  
**Software to be used** : Adobe Photoshop

## Rules for prelims:

- The participants are provided with pictures (<https://drive.google.com/drive/folders/1tNKH3ITNgTCeg1dUt554bjUh8121MMYU?usp=sharing>).
- The participants are requested to turn the pictures into anything using their extraordinary mind.
- Participants must abide by the restricted pictures provided to them. The participants must use at least seven images.
- Participants may use overlays and external brushes.
- Plagiarism of any kind will result in instant disqualification.
- **Rules for finals** are provided in **General Instructions**.

## Judgement Criteria:

Total Points	100
Creativity	25
Composition	25
Authentic blending of images	25
Lighting	25

## Teacher In-charge:

Ms Meetu Tripathi  
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## Event Coordinator(s)

Raghav Singh (XII) +91 96436 04477  
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As the quote goes 'Prevention is better than cure' so we should make this the thumb rule for Cyber Space too, i.e., 'Being Cyber Safe is better than being a victim online'.

Sonam Malik  
PRT – Computer Science



# Auto Draw

**Domain** : IV - V  
**Team(s)** : 1  
**Participant(s)** : 1  
**Software to be used** : Application Auto Draw

## Rules:

- Participants are required to make the drawing using Auto Draw- AI Based Drawing Application <https://www.autodraw.com/>
- The participants will be given a topic on the spot.
- The meeting link for the competition will be provided to the participants on the WhatsApp group that will be created 2 days before the event.
- Duration of the competition is 1 hr. and 15 minutes.
- Participants are required to use all tools available in the application.
- Participants will share the screen throughout the competition.
- Final entry to be sent through submission form on the day of the event.

## Judgement Criteria:

Total Points	100
Creativity	25
Accuracy	25
Usage of tools	25
Overall Presentation	25

## Teacher In-charge:

Ms.Alka Rai / Ms.Sonam Malik  
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+91 9711045629

## Event Coordinator(s)

Riddhima Naag (V)  
Daksh Katwa (V)



## OUR TECHIES .....ON THE JOB

<b>Raghav Singh</b>	<b>(XII)</b>	<b>Vatsal Mittal</b>	<b>(XII)</b>
<b>Saksham Chaturvedi</b>	<b>(XII)</b>	<b>Eshita Shalya</b>	<b>(XII)</b>
<b>Aaditri Mehta</b>	<b>(XII)</b>	<b>Hashika Arora</b>	<b>(XII)</b>
<b>Shambhavi</b>	<b>(XII)</b>	<b>Ananya Nair</b>	<b>(XII)</b>
<b>Kunal Chauhan</b>	<b>(XI)</b>	<b>Chinmay Nanda</b>	<b>(XI)</b>
<b>Satyam Shivam</b>	<b>(XI)</b>	<b>Radhin Laxman P</b>	<b>(XI)</b>
<b>Nidhish Dhoundiyal</b>	<b>(XI)</b>	<b>Kanav Dutta</b>	<b>(XI)</b>
<b>Rohan Singh</b>	<b>(XI)</b>	<b>Shubh Sharma</b>	<b>(XI)</b>
<b>Abhinav Kumar Jha</b>	<b>(XI)</b>	<b>Sukanya Mukherjee</b>	<b>(XI)</b>
<b>Animesh Jain</b>	<b>(XI)</b>	<b>Abhimanyu Rathore</b>	<b>(XI)</b>
<b>G Sagar</b>	<b>(XI)</b>	<b>Mohit Purohit</b>	<b>(XI)</b>
<b>Akul Khanna</b>	<b>(XI)</b>	<b>Archie Mahajan</b>	<b>(X)</b>
<b>Shrey Jaiswal</b>	<b>(X)</b>	<b>Ayush Yadav</b>	<b>(X)</b>



**O X A M I T E**  
O X A M I T E

