BYTE.IT

X

MATRIX

Organised by
Bal Bharati Public School
Pitampura.

GUIDELINES

- To be eligible for the overall winners/runners-up trophy a school must participate in at least seven events.

- Registration can be done at **byteclub.co.in/byteITRegister** .

- Participants are requested to ensure that the registration details provided are valid.

- Registration will begin at Wednesday, 19th June 2024 and will end on Wednesday, 3rd July 2024 at 11:59 pm.

- Participants are requested to join our Discord server by clicking **here** to stay updated.

- Some updates will also be sent through Byte Instagram, along with Discord. You may follow the account at **https://instagram.com/bytebbps** .

- The schedule and rules are subject to change.

- A participant may participate in only one Hybrid event.

- Organizers hold the right to disqualify any team for using unfair means or behaving inappropriately.

- The decision of the judges and teachers will be final and binding.

INFORMATION

Important Links

Website: byteclub.co.in
Register: byteclub.co.in/byteITRegister
Register for Crypt.IT : byteclub.co.in/cryptITRegister
Discord: bit.ly/byteit24discord
Event Guide: bit.ly/byteit24eventguide
WhatsApp: bit.ly/byteit24whatsapp

Registration

All schools must fill out the registration form provided above to participate. In case of any changes, the team can reach out to us through the contact details provided below. The final date for registration is 3rd July 2024 till 11:59pm. Students can also register as independent teams ONLY for Crypt.IT. A student can participate in only ONE hybrid event but multiple online events.

Communication

All the participants must join the Discord Server since that is where all the updates will be provided. Additionally, all teachers in-charge and students in-charge are required to join the Whatsapp Group for better communication. For any query feel free to email us at byteclub@pp.balbharati.org or reach out to the IT faculty or the club members directly.

Teachers Incharge

Ms Beena Nair : +91 9999966267
Ms Preet Kamal : +91 9818705353

Students Incharge

Soham Gupta, President : +91 9811813940
Vandit Kad, President : +91 7042483399

EVENTS

S. NO	EVENT NAME	NO. OF TEAMS	NO OF PARTICIPANTS	CLASS	MODE
1	SURPRISE.IT	1	2	IX-XII	Hybrid
2	SNAP.IT	2	1	IX-XII	Hybrid
3	CODE.IT	1	2	IX-XII	Hybrid
4	PITCH.IT	1	2-4	VI-VIII	Hybrid
5	CASE.IT	1	2-4	IX-XII	Hybrid
6	INNOVATION FEST	2	2	IX-XII	Hybrid
7	ELECTROART	1	2	VI-VIII	Offline
8	GAMING	1	1	IX-XII	Online
9	PRESENT.IT	1	2	IV-V	Online
10	MAKE.IT	1	2-4	IX-XII	Online
11	CRYPT.IT	∞	1	Open	Online
12	FILM.IT	1	2-3	IX-XII	Online

SURPRISE.IT

Eligibility: IX - XII

Teams per institution: 1

Participants per team: 2

Format: Online + Offline

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Schedule:

Prelims will be held online on 4th July, 2024 and the final round will be held offline on Saturday, 6th July 2024.

Students In-charge:

Neil : +91 9555514484

Pranav : +91 8766364151

Teacher in-charge:

Ms. Anupama Gulati :

anupama.gulati@pp.balbharati.org

SNAP.IT

Eligibility: IX - XII

Teams per institution: 2

Participants per team: 1

Format: Online + Offline

Prompt: To be released on Tuesday, 2nd July at 11:59pm.

Your imagination is the only limit in the world of photography.

All the participants must join the Discord Server since that is where all the updates will be provided. Additionally, all teacher in-charges and student in-charges are required to join the Whatsapp Group for better communication. For any query feel free to email us at byteclub@pp.balbharati.org or reach out to the IT faculty or the club members directly.

Schedule:

Prelims submission by 12 noon on Thursday, 4th July 2024.

Final Round will be held offline on Saturday, 6th July 2024.

Students In-charge:

Namish : +91 9711410189

Shaurya : +91 9811430353

Teacher in-charge:

Ms. Preet Kamal :

preet.kamal@pp.balbharati.org

CODE.IT

Eligibility: IX - XII
Teams per institution: 2
Participants per team: 1
Format: Online + Offline
Languages: Python, C++

Code. Compile. Conquer.

The participants will have to solve various problems based on programming basics, data structures, logics, patterns and algorithms. The online round will be held on HackerRank.

Schedule:

Prelims will be held online on Thursday, 4th July, 2024.

Final Round will be held offline on Saturday, 6th July 2024.

Students In-charge:

Soham : +91 9711410189

Arav : +91 8766364151

Teacher in-charge:

Ms. Beena Nair :
beena.nair@pp.balbharati.org

PITCH.IT

Eligibility: VI - VIII
Teams per institution: 1
Participants per team: 2-4
Format: Online + Offline
Prompt: To be released on Tuesday, 2nd July at 11:59pm

Participants will be required to create an innovative idea/business venture based on the given prompt and pitch it. The online round will require submission of the pitch deck which shall be used to shortlist teams.

Schedule:

Prelims submission by 12 noon on Thursday, 4th July 2024.
Final Round will be held offline on Saturday, 6th July 2024.

Student In-charge:
Suhan : +91 9871460293

Teacher in-charge:
Ms. Rita Kohli :
rita.kohli@pp.balbharati.org

CASE.IT

Eligibility: IX - XII

Teams per institution: 1

Participants per team: 2-4

Format: Online + Offline

Prompt: To be released on Tuesday, 2nd July at 11:59pm.

Think Out of the Box
Participants will tackle real-world problems by analyzing a given case study. They will brainstorm, develop innovative solutions, and present their findings.

For the first time at a school level!
This event encourages critical thinking, teamwork, and practical application of knowledge. Join us for a hands-on learning experience!

Schedule:

Prelims submission by 12 noon on Thursday, 4th July 2024.

Final Round will be held offline on Saturday, 6th July 2024.

Student In-charge:
Suhan : +91 9871460293

Teacher in-charge:
Ms. Karishma Kapur :
karishma.kapur@pp.balbharati.org

ATL INNOVATION FEST
by MATRIX

Eligibility: IX - XII

Teams per institution: 1

Participants per team: 2-4

Format: Online + Offline

Showcase your creativity and ingenuity:
There will be 2 categories.
1. Hardware Innovation:
Participants can showcase their hardware-based innovations, including models, robotics, etc.
2. Software Innovation:
Participants can present their software-based innovations, such as apps, software based business ideas, digital solutions and more.

For the Prelims, Teams will be required to submit their project research document and a video(max. 3 minutes) showcasing their innovation. Selected teams will showcase their innovations in person with the models, prototypes and presentation and answer questions from judges.

Schedule:

Prelims submission by 12 noon on Thursday, 4th July 2024.
Final Round will be held offline on Saturday, 6th July 2024.

Students In-charge:
Aadit : +91 9311773446
Kaveesha : +91 8750268065

Teacher in-charge:
Ms. Namrata Alwadhi :
namrata.alwadhi@pp.balbharati.org

ELECTROART
by MATRIX

Eligibility: VI - VIII
Teams per institution: 1
Participants per team: 2
Format: Offline

Let your imaginative spark light the fires of creativity.
Unleash your creative side using electronic components to create electrifying ElectroArt structures. Bring your own materials to create electrical masterpieces in the timeframe of an hour.

Schedule:

Event will be held offline on Saturday, 6th July 2024.

Students In-charge:
Aadit : +91 9311773446
Kaveesha : +91 8750268065

Teacher in-charge:
Ms. Alka Verma :
alka.verma@pp.balbharati.org

GAMING

Eligibility: IX - XII

Teams per institution: 1

Participants per team: 1

Format: Online

Connect. Collaborate. Conquer.

Participants will battle it out over multiple rounds of online gaming. The games will be announced one day before the event.

Schedule:

Prelims will be held on Thursday, 4th July 2024.

Final Round will be held on Thursday, 5th July 2024.

Students In-charge:

Arham : +91 9582054536

Soham : +91 9811813940

Teacher in-charge:

Mr. Amarpreet Singh :

amarpreet@pp.balbharati.org

PRESENT.IT

Eligibility: IV - V

Teams per institution: 1

Participants per team: 2

Format: Online

Prompt: To be released on Tuesday, 2nd July at 11:59pm.

Participants are required to create a presentation on the given prompt. To keep pace with the rapidity of today's world, they may utilize generative AI tools in crafting their presentation. However, they will be obligated to share the comprehensive list of prompts provided to the AI, ensuring transparency in their creative process.

Schedule:

Submission by 12 noon on Thursday, 4th July 2024.

Students In-charge:

Neil : +91 9555514484

Pranav : +91 8766364151

Teacher in-charge:

Ms. Suchita Joon :

suchita.joon@pp.balbharati.org

MAKE.IT

Eligibility: IX - XII

Teams per institution: 1

Participants per team: 2-4

Format: Online

Prompt: To be released on Tuesday, 2nd July at 12 noon.

Ideas. Creativity. Reality.

Participants will have to come together to create, design and develop web apps, promotional videos, graphics and 3D models along with other assets for the given theme.

Schedule:

Submission by 12 noon on Friday, 5th July 2024.

Students In-charge:

Neil : +91 9555514484

Shaurya : +91 9811430353

Teacher in-charge:

Ms. Navneet Malhotra :

navneet.malhotra@pp.balbharati.org

CRYPT.IT

Eligibility: Open
Teams per institution: ∞
Participants per team: 1
Format: Online

Skill or Skill Issue

The website link will be shared on **4th July 2024** at **11:59pm** and will close on **5th July 2024** at **11:59 pm.**

Students In-charge:
Pranav : +91 87663 64151
Neil : +91 9555514484

Teacher in-charge:
Mr. Sonu Kumar :
sonuu.kumar@pp.balbharati.org

FILM.IT

Eligibility: IX-XII

Teams per institution: 1

Participants per team: 2-4

Format: Online

Prompt: To be released on Tuesday, 2nd July at 12 noon.

Participants will collaborate to create captivating stories, craft compelling scenes and unravel cinematic mysteries in an exhilarating competition. Dive into the world of visual storytelling, challenges, and cinematic techniques to emerge as the ultimate filmmaker.

Schedule:

Submission by 12 noon on Thursday, 4th July 2024.

Student In-charge:

Namish : +91 97114 10189

Teacher in-charge:

Ms. Tanu Jain :

tanu.jain@pp.balbharati.org

DO A BIT.
TRY A BIT.
WIN A BYTE.