

SRDAV and Technocrats  
presents

# INTRA WARTEX **#7.0**

## BROCHURE

[WARTEX.CO.IN](http://WARTEX.CO.IN)

# A WORD

From the Technocrats

**"The web as I envisaged it, we have not seen it yet.**

**The future is still so much bigger than the past."** -

**Tim Berners Lee**

**As every coin has two sides, so does technology.**  
**Just as it can be a useful servant, if given the wrong powers, it can turn out to be a dangerous master.**  
**To counteract that from happening, technology is to be experienced under proper guidance and learning technology in a healthy environment is what we encourage.**

**Here at SRDAV, we aim to provide that environment under supervision of our incredible mentors. Technocrats, the computer club of srdav brings to you, another addition of the grand tech fest of our school, wartex#7.0 which is to be held on 18th august, 2022. Packed with all sorts of fun filled experiences, catering events from different aspects of technology.**

**Thanking the teachers and our mentors, and whole technocrats' team for the opportunity and the support, without whom the event wouldn't have been possible in the first place**

**Regards,  
Technocrats**

# TIME TABLE

For the offline events on **18<sup>th</sup> August 2022**

Kindly Read this thoroughly and carefully.

**Note:** Now Raise-A-Rap for VI-XII 2<sup>nd</sup> Round will be held on **17<sup>th</sup> August 2022** instead of 18<sup>th</sup> August. Rest of the offline events will be held on 18<sup>th</sup> August as same.

Periods	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>
Conference Room		Brain Wars IX-XII			Ragnarök (Round 3) VIII-XII			
Library		Illuminati VIII-X (Jr)			Illuminati XI-XII (Sr)			
ATL Lab		Upvento IX-XII						
Stage								
Multimedia Lab		Web Tech IX-XII						
Middle Comp Lab		Source Code			Game-A-Thon VI-VIII			
Sr. Comp Lab	Ragnarök (Round 2) VIII-XII				Minecraft VI-XII			

# BRAIN WARS

Quiz Event

Class IX- XII

**Round 1- Prelims**

Questionnaire quiz

**Round 2- Hunger Games**

Buzzer Round

**Round 3- Finals “Quantum Entanglement”**

Surprise Rules to be revealed on the day itself

- The questions will include IT, Tech, Spacetech, etc. along with tech in Popular Culture.
- Questions can come from anywhere in the technology world.
- A good preparation tip would be to read up on Quiz material and books which can be found easily online, and be up to date with the latest news & buzz in the Tech Sector.

**Event Head:**

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Arnav Kumar

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# **DEXTERITY**

**Digital Art Event**

**Class IX - XII**

- Participants can choose to make digital art on any of the given topics:
  - Indian Monuments
  - Mythology
  - Indian Sceneries and environments
- Participants can use any digital art/photo-editing software or app to make the digital art. However, they must mention the software used to make the art in the mail.
- Plagiarism and use of filters to make art is not allowed.
- No kind of physical drawing as a digital imprint will be accepted.
- The Art should NOT be NSFW in any kind (abusive words, nudity, inappropriate imagery).
- Participants have the freedom to experiment with the Aspect Ratios and Canvas Size.
- Allowed image formats include JPEG and PNG. It is to be noted that the image size must not exceed the 20 MB Limit.
- The Final Entry should be mailed to [Wartexdata@gmail.com](mailto:Wartexdata@gmail.com) and [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com) Latest by 17<sup>th</sup> August.

**Judgement Criteria:**

- |                |          |
|----------------|----------|
| • Creativity   | 10 Marks |
| • Overall Look | 10 Marks |

Event Head:

**Yash Mehra**

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# GAME A THON

Game Development

Class Vi-VIII

Team Limit 1-2

- Participants can make a single player or multiplayer game on scratch
- There is no particular topic.
- Use of external assets is not allowed.
- Use of ready-made assets from the net or the software is also prohibited and will result in disqualification of your game.

## Judgement Criteria:

○ Programming	5 Marks
○ Arena	5 Marks
○ Gameplay	5 Marks
○ Storyline	5 Marks
○ Originality	5 Marks

## Event Head:

Riddhi Goyal

XI-G

[riddhigoyal86@gmail.com](mailto:riddhigoyal86@gmail.com)

# ILLUMINATI

Group Discussion

Class Jr : VIII - X

Class Sr : XI - XII

- The theme of this event is 'Future of Technology'
- Topic will be provided on the day of the event.
- Participants will be given 10 minutes to prepare for the topic.
- Maximum 2 minutes will be provided to each participant in round 1.
- Top 10 participants further proceed to round 2.
- Top 3 participants from round 2 will be announced as winners.

Judgement Criteria:

• Content	20 Marks
• Presentation	20 Marks
• Vocabulary	10 Marks

Event Head:

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# KUBRICKISM

Movie Production

Class Jr VI-VIII

Class Sr IX-XII

Team Limit 1-6

## Event details

- Participants have to make a Short Film on either of the topics:
  - Stress during exams
  - Modernity and Technology
- Or they can make a Vlog on any theme or topic of their own choice.

## Instructions

- Make a Vlog on any topic or a Short Film on the topics given above.
- It must be between 5 to 8 minutes in length.
- The film's story/script must be completely unique.
- Upload your video on Google Drive and change the setting to anyone with the link before submitting it on [wartexdata@gmail.com](mailto:wartexdata@gmail.com)
- You can use any editing software. There is no requirement to purchase a software, no marks will be deducted for any software watermark.
- If any copyrighted material is still used (in spite of its restriction) it must be acknowledged.
- You can shoot the video in Hindi/English.

### Judgement Criteria (Short Film):

○ Script	35 Marks
○ Acting	25 Marks
○ Editing	20 Marks
○ Audio Quality	10 Marks
○ Video Quality	10 Marks

### Judgement Criteria (Vlog):

○ Editing	25 Marks
○ Interaction with Audience	35 Marks
○ Video Quality	10 Marks
○ Audio Quality	10 Marks
○ Creativity	20 Marks

### Event Head:

Riddhi Goyal

XI-G

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# LIFE, DEATH + PUZZLES

Online Treasure Hunt  
Class Open  
Team Limit 1

- The Game has 3 levels. Answer a chain of questions correctly and move to the next level.
- First one to complete all the levels will be transported to The Ultimate Prize.
- Questions will be from literally anything & anywhere. This is like any other cryptic hunt.
- Everyone for themselves; no teams.
- Admins will be providing Hints for the difficult stages themselves on the official Event WhatsApp group. All the major announcements will be shared on the group.
- The Hunt will be live for 24 Hours. Exact date & timing will be revealed later on the WhatsApp group and the hunt website.
- The Player must always have access to a PC. It is not advisable to play it in its entirety on Android or iOS.
- Until then wait for further instructions and register yourselves at <https://cryptichunt.wartex.co.in>
- Join our exclusive Cryptic Hunt WhatsApp group for important information and updates:  
<https://chat.whatsapp.com/HZkiw44pcqAnylB0t0JxO>

## Event Head:

Aditya Choudhary XII-C  
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# MATRIX

App Development

Class VI-X

Team Limit 1-2

Platform - MIT, code.org

Deliverables- .apk, web app link and .mp4

## Topics

- SDG 3: - good health and well being
- SDG 8: - decent work and economic growth.
- SDG 9: - industry, innovation and Infrastructure.

## Guidelines

- Participants need to identify a problem/social issue on the basis of any one of the above given topics and present a solution to it.
- Submission of interface images of your app must be there in the presentation video. Time limit for the video is 2-3 mins.
- Submission should be done by 17<sup>th</sup> of August on [wartexdata@gmail.com](mailto:wartexdata@gmail.com) and [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com) .

## Judgement Criteria:

- |                       |          |
|-----------------------|----------|
| ○ Originality         | 15 Marks |
| ○ Creativity          | 10 Marks |
| ○ Resource management | 10 Marks |

**Event Head:**

Sarthak Jha

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# MINECRAFT

Class VI-XII

Team Limit 1-2

Theme Squid Game

Mode: On-the-spot Offline (In school)

- Use Creative Mode in Flat world.
- Use your creativity.
- No use of modes or biomes.
- Anyone found cheating will be disqualified.
- The event will be held in school premises and will be done on the spot.
- No one will be allowed to work after the time limit which is the end of second half.
- Use of Code Blocks is not allowed. Any participant caught using it will be disqualified.

## Judgement Criteria:

○ Originality	15 Marks
○ Resource Management	10 Marks
○ Creativity	10 Marks

## Event Head:

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# MYSTIC FIESTA

Music Production

Class Open

Team Limit 1-4

Participants have to complete any one of the tasks given below:

## Task 1

- Produce a beat of any genre (Sad, Happy, lo-fi)
- Files allowed to use: - Drum loops, melody loops
- Time duration: 2-3 minutes
- Software allowed - Fl studio, Ableton, Logic pro, Imms or Soundtrap.

Or

- Mix two any audio files or songs (Tempo/Beat matching)
- Time duration: 2-3 minutes
- Software allowed - Virtual DJ
- Submissions in the form of Audio file must be mailed on [wartexdata@gmail.com](mailto:wartexdata@gmail.com) in the following manner: -
  - (NAME)
  - (CLASS)
  - (CONTACT DETAILS)
  - (AUDIO FILE OR LINK)
- Ambient vocals can be made. (Vox Type)
- Bollywood and Hollywood music/tunes can be used.
- Using Slicex and Goodizers is allowed
- Soundation Software can also be used.

Judgement Criteria:

○ Creativity	5 Marks
○ Originality	5 Marks
○ Presentation	5 Marks
○ Overall Quality	5 Marks

## Task 2

- Participants have to play self composed instrumental music of any genre.
- They have liberty to play any instrument (stringed, woodwind, brass, percussive) of their choice.
- If no percussive instrument is played, metronome can be used.
- A 2-4 min video has to be recorded.
- Single participant can also play multiple instruments (in this case all videos playing instruments have to be synced in a video collage form).
- Submissions in Mp4 format must be mailed on [wartexdata@gmail.com](mailto:wartexdata@gmail.com) and [itdepartmentsr dav@gmail.com](mailto:itdepartmentsr dav@gmail.com) in the following manner:-

- (NAME)
- (CLASS)
- (CONTACT)
- (DETAILS)
- (VIDEO OR LINK)

### Judgement Criteria:

- Intonation 5 Marks
- Musical Empathy 5 Marks
- Complexity of composition 5 Marks

## Event Heads

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# OASIS

3D Designing

Class IX-XII

Team Limit 1

Theme Open (Suggested: vehicles, spaceships, sci-fi models)

- Participants can only use tinker cad.
- Any kind of Plagiarism is not allowed.
- Participants are requested to use their creativity (participants can take references from the internet.)
- No entries after the last date will be entertained.
- Designs should not be NSFW in any kind.
- Final Entries are to be submitted in form of stl or obj file. Mode of Submission is online.

**Note:**

Submission to be done to

[3dwartexdesigning@gmail.com](mailto:3dwartexdesigning@gmail.com), [wartexdata@gmail.com](mailto:wartexdata@gmail.com) and [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com). It is compulsory to send your entry to all 3 given email addresses.

Judgement Criteria:

- |               |          |
|---------------|----------|
| ○ Creativity  | 10 Marks |
| ○ Originality | 10 Marks |

**Event Head:**

Sarthak Rana

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# RAISE A RAP

Live Rapping Event

Class Open

Team Limit 1-3

## Round 1- Qualifiers (Online)

- Participants have to write a rap on any topic of their choice.
- Writing your own rap is not necessary you can also modify a renowned rap by adding your own lyrics.
- It is not necessary that every member has to perform the rap.
- Mail the PDF of lyrics to [wartexdata@gmail.com](mailto:wartexdata@gmail.com) and [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com) with the following details:
  - Name
  - Class
  - Contact details
- Cuss words are strictly prohibited.
- Any language is allowed for writing the rap.

## Round 2- Live Performance (Offline)

- Qualified Participants will have to give a live performance of their composed rap on the school stage in 2<sup>nd</sup> Half.
- Necessary equipment's for the performance such as mic and speakers will be arranged by the Organising Team
- Rehearsal Time will also be granted to the Participants.
- Extra marks will be given for using background music (specifically a beat)

- Making your own music is not necessary you can take copyrighted music from Internet.
- Participants have to bring their music in a pen drive on the day of the performance.
- You can also use any instrument for presenting your rap or bringing a beatboxer is also acceptable.
- Participants can dress up according to their choice.
- Time Limit for the performance is 5 minutes.

#### Judgement Criteria:

○ Lyrics/Diction	10 Marks
○ Voice Modulation and Intonation	10 Marks
○ Confidence and Showmanship	5 Marks
○ Overall Presentation/Delivery	5 Marks

#### Note:

- Seniors and Juniors will be judged accordingly.
- No marks will be deducted if by chance a participant forgets any line during the performance.

#### Event Head:

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# RAGNAROK

Gaming Event

Class VIII-XII

Solo participant only

Game- Call of Duty Mobile (Round 1)

- It will be a multiple-round event.
- Round 1 will be Online. Round 2 and 3 will have different games. Everyone would be on their own and there would be no team formation.
- The game or game mode for further rounds might change. For now, round 2 and 3 are decided to be same day offline rounds those will be held in school.
- The usage of cheats, hacks, or any other third-party applications that give one an unfair advantage over their opponents will result in immediate disqualification.
- All participants shall abstain, at all times, from poor, undesirable, or negative behavior towards anybody involved with the tournament in any way.
- Participants must use an acceptable username in the Tournament. If a participant fails to do it, the administration reserves the right to disqualify them.
- Judgement will be based on the K/D ratio for Round 1.
- Players who clear Round 1 legitimately will be promoted to the next round.
- Also, all the participants are requested to join the discord channel. It will be provided on the official website soon. Updates regarding round 1 and future rounds will be discussed on the discord server only.

- Date for Round 1 will be shared soon. Link for discord server <https://discord.gg/PfU7bysj46> .

**Event Head:**

Om Kumar Jha

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# REWORK RENDER

Video Production

Class Jr VI-VIII

Class Sr IX-XII

Team Limit 1

- Wartex will provide you with raw footage.
- You may use any software for editing.
- We prefer you to make it under 60 seconds but if you have a great idea that would fit in more than that then go for 90 seconds.
- For submission upload your video in Google drive and mail the link to [wartexdata@gmail.com](mailto:wartexdata@gmail.com) and [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com) with your details by 17th august.

Details to be mentioned in the mail

- Your Name
- Class & Section
- Software/app used
- For the link to raw footage join Wartex WhatsApp group or follow our social media accounts!

Judgement Criteria:

- |  |          |
|--|----------|
| ○ Sequence of clips                    | 10 Marks |
| ○ Originality & Creativity             | 10 Marks |
| ○ Sound Designing/effects              | 5 Marks  |
| ○ Colour Grading, Effects, transitions | 5 Marks  |

**Event Head:**

Ojas Aggarwal

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**INTRA WARTEX #7.0**

# SOURCE CODE

Python Programming

Class XI-XII

Team Limit 2

- Theme of this event is coding with empathy.
- Two rounds will be conducted. Round 1 will be held Online. Shortlisted candidates from round 1 will further proceed to offline viva round.
- Aim is to create a working Project or Program to address any real-world problems.
- Suggested Libraries for this event:
  - emoji, text2emotions, Wikipedia, pytsx

## Mode Of Submission

- Send your entry to [itdepartmentsrdav@gmail.com](mailto:itdepartmentsrdav@gmail.com) and [wartexdata@gmail.com](mailto:wartexdata@gmail.com) .
- Subject of the mail should be Source Code
- Format:
  - Problem Statement
  - Code
  - Output

## Judgement Criteria:

- Originality of Idea
- Efficiency of Code

10 Marks

10 Marks

**Event Head:**

**Nipun Singhal**

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**INTRA WARTEX #7.0**

# UPVENTO

Innovation and Ideas

Class VI-XII

Team Limit 1

- Make a working project that can be a solution to existing problem,
- The project should be creative, innovative and original.
- This is an offline event participants will have to bring their models/ project to school and present it to respective judges.
- Make sure you speak about every detail of the project while presenting (Pros and cons, structure, functioning, problem it resolves, etc.)
- No language restriction. (Hindi, English or Hinglish.)
- Ideas should be original any kind of plagiarism may lead to disqualification.

## Judgement Criteria:

○ Creativity	10 Marks
○ Originality	10 Marks
○ Presentation	10 Marks
○ Functioning	10 Marks

## Event Head:

Vidhi Gupta

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# WEB TECH

Web Development

Class Open

Team Limit 2

Theme: 75<sup>th</sup> years of Independence

Time: 2 hours

- The event will be conducted offline in one of the computer labs.
- A set of images will be provided which will have to be used in the webpage.
- There is no limit on number of pages.
- Candidates are expected to use standard web development technologies.
- Languages allowed are HTML (Hypertext Markup Language), CSS (Cascading Style Sheets) and JavaScript.
- No premade templates will be allowed.
- Any sort of cheating/plagiarism will lead to immediate disqualification.
- Use of internet during the competition will lead to first warning and then disqualification.
- Extra time will not be provided. Time left will be announced so you can wrap up accordingly.

Judgement Criteria:

- |                          |          |
|--------------------------|----------|
| ○ Creativity             | 10 Marks |
| ○ Relevance to the theme | 10 Marks |
| ○ Coding Practices       | 5 Marks  |

**Event Head:**

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>>>Dr Strange  
“Is that everyone?”  
>>>Wong  
“What? You wanted MORE?”

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