VELOCITY 2.0

K.R. Mangalam World School

"A competition makes one strive to do better. It trains to seek out challenges."

Dear Students
Greetings!

With KRM's guiding motto, "Engage Learn Innovate", we continuously endeavor to offer the leaders of tomorrow the best possible opportunity to revolutionize technology through their innovative ideas.

'Velocity 2.0' inter-school IT event is a mélange of computer-based activities providing a dynamic opportunity for learners to showcase their technological and logistic skills. The event spans many activities and serves as a platform for exchanging ideas, continuous development, evolution, and learning by students from different schools.

We would like to cordially invite you to 'Velocity 2.0' and experience the process of ideating, innovation, and implementation in real time. We look forward to enthusiastic support from your students and help make this event a resounding success.

Regards
Priya Arora
Principal
K.R. Mangalam World School, Vikaspuri

EVENTS AT VELOCITY 2.0

Zen.py

Rage

Capture!

Let's Get Trivial

Eternal Surprise

VeCrypt

Filmmaking

InnoVate

Speak Up!

Beat n Bash

Slides.Ve

VeBots

SCHEDULE

18 OCT
REGISTRATON CLOSES!

19 OCT
PRELIMS: ZEN.PY
PROMPT REALEASE:
OF ALL EVENTS

20 OCT
CRPYTX STARTS
PRELIMS: LET'S GET TRIVIAL

21 OCT
CRYPTX ENDS
PRELIMS: RAGE & ETERNAL SURPRISE

22 OCT
SUBMISSIONS CLOSES!

RESULTS OF ONLINE EVENTS

28 OCT
OFFLINE ROUNDS
WE ARE WAITING FOR YOU!!

GENERAL GUIDELINES

- The event will be in hybrid mode.

- The last date for registration for the event is 18 october 2022.

- Participants can take part in one online event and one offline.

- Participants are requested to join the official Discord Server for further updates.

- Any explicit behaviour will lead to immediate disqualification of the participant.

- The registration form can be accessed through www.thevelocity.xyz only.

- The host school will be participating but will not compete for any position.

- The judge's decision will be final and binding.

- Events will either be hybrid, online or offline.

- All the queries will be entertained through discord or through aztech.krmvp@gmail.com.

- Participation in minimum 6 events is required to be eligible for the Rolling Trophy

Zen.py

No. of Teams: 1

Participants allowed per Team: 4

Eligibility: 9-12

Mode: Online + Offline

Stages: 2

Stage 1

- The contest will be hosted on Hackerrank. The contest will comprise of easy/medium level questions.
- Each question has points allocated to it, get all the test cases right to score maximum points.
- Top 8 teams will qualify for the final round.
- The whole team will participate from a single hackerrank account.
- If in case 2 teams have the same score then the leaderboard will be adjusted according to the aggregate time taken by them.

Zen.py

Stage 2

- The final round will be a project based round.
- The project will be algorithmic or an AI based project.
- The participants will be provided with a prompt on the day of the prelims or the next day.
- They will have to make a project and present it at the venue on the day of the final.
- The teams will be given ample of time to complete the projects.
- Adding a GUI might help in case of a tie.

NOTE

- Participants can be asked to explain their code at any point of time.
- In case the participants are caught copying from the internet or cheating by any means, it would lead to immediate disqualification of the team

Judgement Criteria:
- Authenticity
- Creativity
- Efficiency of the code (shorter/clean code will fetch more points)

Rage

No. of Teams: 1

Participants allowed per team: 2

Eligibility: Open

Mode: online + offline

Stages: 3

- It will test your skills, ability to adapt, dexterity, agility, and coordination.
- The event will have 1 round online and 2 rounds offline.
- Games will be revealed either on the spot or just before the round.
- Offline Rounds can be played on any platform.

Capture!

No. of Teams: 1

Participants allowed per Team: 1

Eligibility: 9-12

Mode: Offline

Stages: 1

- The event has a single round.
- The prompt will be given to the participants at the venue.
- Participants will be required to click pictures within the school premises only.
- Minimal editing is allowed but they need to submit the original copy as well.

Let's Get Trivial

No. of Teams: 1

Participants allowed per team: 2

Eligibility: Open to all

Stages: 2

Mode: Online + Offline

- The event will consist of 2 rounds.

- The preliminary round will consist of 20 questions that have to be answered on a google form.

- The quiz will be based on technology and related topics.

- The link for the form will be shared on the day of the event on the discord server.

- The final round will be a live round where the participants will have to take part in a live Q/A with the quiz master.

- Further instructions for the event will be shared on the discord server.

Eternal Surprise

No. of Teams: 1

Participants allowed per team: 2

Eligibility: 9 - 12

Stages: 3

Mode: online + offline

Tbh nothing can be said about this event but yes it will be testing your strength, zeal, determination and confidence (feeling like Shahrukh Khan giving "Yeh 70 minute" speech while typing this)

First round will be online, rest offline

Also, expect the unexpected :)

VeCrypt

No. of Teams: 1

Participants allowed per team: Infinite

Eligibility: Open

Mode: Online

- The hunt will begin on 21 October(12:00 hours) and will conclude on 22 October(00:00 hours)
- The hunt will span over 36 hours.
- VeCrypt is a cryptic hunt where teams will need to solve multiple levels to reach the top of the leaderboard.
- Answers will be in small case. For example, if the ans is john foley then you will type it as "johnfoley"
- Hints will be provided through the discord server.
- Answer sharing or teaming up with other schools will lead to immediate disqualification (lol xD)

InnoVate

No. of Teams: 1

Participants allowed per Team: 4

Eligibility: 9-12

Mode: online + offline

Stages: 1

- Participants will have to derive a sustainable business plan based on the description provided.

- Participants will have to complete the following tasks:

Task 1: Make a promotional video of the business(60-90 seconds). The Format should be .mp4/.wmv. All the source clips must be provided as well

Task 2: Submit a prototype of the application or website along with the UI/UX file or product design file

Task 3: Advertisement Banners

Task 4: Team Apparels

InnoVate

- Tasks 3 and 4 are optional but they do carry extra points.

- On the day of the event, the participants will have 10 minutes to pitch their business plan to the judges.

- Each team must pitch their idea with the help of a ppt and ppt must be submitted before hand

- Pitching will be followed by a QnA round.

NOTE:

- No deadline extension will be given to the participants. They must adhere to the deadline given

- Decision of the Judges will be final and binding.

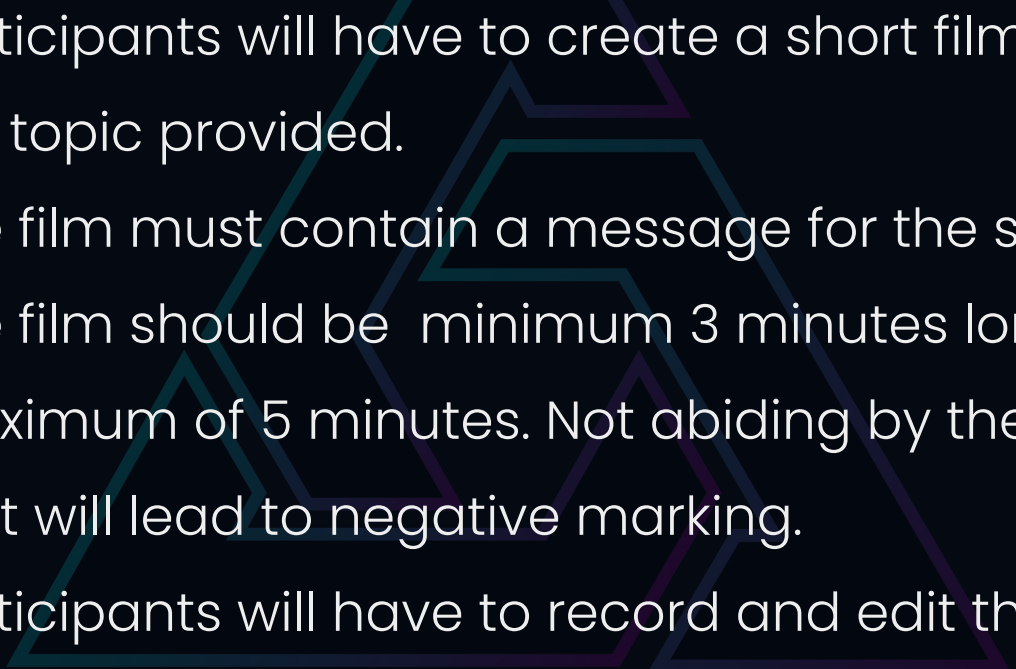- Deadline for submissions is 11:59pm 21st october

Filmmaking

No. of Teams: 1

Participants allowed per team: 4

Eligibility: 9-12

Mode: online

Stages: 1

- Participants will have to create a short film on the topic provided.
- The film must contain a message for the society.
- The film should be minimum 3 minutes long and maximum of 5 minutes. Not abiding by the time limit will lead to negative marking.
- Participants will have to record and edit the film themselves.
- Usage of stock footage & Plagiarism is strictly prohibited.
- Any usage of stock bgm has to be credited at the end of the film.

Speak Up!

No. of Teams: 1
Participants allowed per team: 1
Eligibility: 9-12
Mode: Online + Offline
Stages: 2

- For the first round participants will have to send a video discussing their views on the topic provided.
- The top 8 participants will be selected for the final round which will be held offline.
- For the final round the participants will be provided with a topic and preparation time of 20 minutes.
- All the participants will be questioned by the judges

Judgement Criteria
- Organisation & Clarity
- Use of Argument
- Critical Thinking
- Presentation

Beat N Bash

No. of teams: 1

Participants allowed per team: 1

Mode: Online

Eligibility: 9-12

Stages: 1

Guidelines

- Participants can use any plugins

- Project file and the exported MP3 file are to be uploaded on google drive and its link is to be shared via google form.

- Participants have to make a song of any genre from the Bollywood song provided.

- For reference, use this video

Slides.Ve

No. of Teams: 2
Participants allowed per team: 2
Eligibility: 6-8
Mode: Online
Stages: 1

- A powerpoint presentation will have to be submitted in a .ppt/.pptx format.

- Use of custom made templates is preferred.

- Use of pre-made templates is highly discouraged.

- Adding narrations to the ppt is optional.

- The ppt has to be made on the topics given in the prompt.

- The prompt will be released on 19 October 2022, 00:00.

- The last date for submission of the presentation is 22 October 2022, 23:59.

VeBots

No. of Teams: 1
Participants allowed per team: 2
Eligibility: 4-6
Mode: Offline
Stages: 1

- The participants will have to create any type of functional model.
- All the robotic kits will be provided by the host school.
- This event is on a first come first serve basis.
- Only the first 10 schools will be allowed to participate.
- An Email will be sent to the schools confirming their participation.

Judgement Criteria

- Functioning of the model
- Aesthetic
- Creativity

REACH US

Name	Position	Number	Discord ID
Iddham Kumar	President	8700464664	MightyDoge#0225
Angad Singh Basu	President	9873548114	angad#5793
Krish Sachdeva	Vice President	8999444000	toshiro#2722
Rabnur Singh Jolly	General Secretary	7982768815	obito#6192
Ehaan Mendiratta	Director	9810154164	ImperiorX#5278
Saksham Malik	Director	9582926695	SakSam#6339

REACH US

Name	Event	Discord ID
Yash Raj	InnoVate(graphic design)	ZΔP#5017
Yash Mani Gupta	VeCrypt Let's Get Trivial	Yeahshh#0225
Kyna Rathaur	VeCrypt Zen.py	Kyna#1828
Parth Dua	Zen.py	Parth Dua | KRMVP#4578
Manya Malhotra	Speak Up!	naur#9527
Gurkamal Singh	Video/Audio Editing, Filmmaking	Gurkamal#2476
Shudhit Chugh	InnoVate(pitching)	pinnochio#5946
Sachit Kumar	Photography	Sachit#3348
Mitul Arora	Slides.ve	MitulOO7#4387
Moira Arora	Slides.ve Innovate(pitching)	moiraa.aroraa #4929