



Birla Vidya Niketan

Sarala Birla Group Of Schools



NITI Aayog



ATAL INNOVATION MISSION



TEAM TinkR

PRESENTS

TECH उदय
TECH उदय
TECH उदय

ATL Tinker Fest

1st September 2023



Birla Vidya Niketan

Sarala Birla Group Of Schools



NITI Aayog



ATAL INNOVATION MISSION



भारत 2023 INDIA

**TEAM
TinkR**

TECH उदय

"Unleashing Tomorrow's Wonders: Where Innovation and Imagination Converge!"

Dear Sir/Madam

Greetings of the day!

On behalf of **Birla Vidya Niketan** School, we are pleased to extend an invitation to your school to participate in our upcoming **ATL fest**.

We are excited to announce a celebration of innovation, creativity, and technological prowess. The fest aims to provide a platform for students from various schools to showcase their talents and projects in the field of science, technology, engineering, and mathematics (**STEM**).

We believe that fostering collaboration and sharing ideas is crucial for the growth of young minds, and the ATL Fest serves as an excellent opportunity for students to network, learn from each other, and showcase their innovative projects.

We would be honored to have students and faculty members from your school to attend the fest. Kindly confirm your participation for better event planning.

We look forward to welcoming your school at '**TECH उदय**'.

Warm Wishes

Minakshi Kishwaha

(Principal)



Birla Vidya Niketan

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Registration Link : [Click Here](#)



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WhatsApp

3D SPOT

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Schedule

Fest Registration	18 August
Prelims Submissions (online)	25 August
Final Events (offline)	1st September
Results	1st September



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General Guidelines

- The last date for school registration is 18 August 2023.
- The last date for prelims submission is 25 August 2023, after which no submissions will be entertained.
- Participants need to fill the registration form as per require details. Entries without the mentioned/required details will be immediately disqualified.
- One student can participate in one event.
- The decisions of the jury of respective events would be binding and final.
- All the files/video etc., for every competition should be uploaded as unlisted YouTube video with the title as -
"(Name of event)_(school name)_(category)_(team name)"
- If any student is found guilty of using any unfair means, the participant will be disqualified from that particular event.
- The tentative date for the declaration of results is 1 September, 2023.
- Certificates will be issued to every participant appearing for finals.
- Any problem with the URL link or files for entries will be the responsibility of the participant. The organizing team will not contact in case the link/video etc., is not working.
- The submission should be the original work of the participant.
- Duplicate entries will be immediately disqualified.
- To register for the event, schools need to fill out this form: [Click here](#)
- For any other queries, contact ;

Teacher In-Charge

Mr. Vivek Chauhan - 8587859511 {Between 3pm - 6pm}



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3D SPOT

Themes: Chandrayaan-3 - Includes

- LVM3-M4 (GSLV-M-III) Rocket
- Rover
- Lander

Eligibility: Group: 1 - (VI-VIII) (juniors), Group: 2 - (IX-XII) (seniors)

Teams per School: 2 (One Team per Group)

Participants per Team: 2

Event Details: Participants will be creating a 3D design based on theme. The creation should be innovative and interesting showcasing the theme in an attractive way.

Guidelines:

- The event will be held in two rounds: Prelims and Finals.
- 3D design should be of height min. 18 cm and max. 25 cm.
- Create a video of 2-3 minutes showcasing your design.
- The design should relate to original.
- The participants can use these given software/website for reference www.tinkercad.com, www.autocad.org

Judgment Criteria:

- Concept/Design
- Composition
- Process

Prelims:

- The Unlisted YouTube video link to be shared on [Click Here](#)
- Based on submission, teams will be shortlisted for the final round and intimated via e-mail.
- Entries for the prelims to be submitted by 25 August, 2023.

Final:

- Participants will give a presentation of their 3D design along with a physical 3D model through a small video of maximum 3 minutes.
- Teams will respond to the questions asked about their ideas and presentation posed by the judges.

Student Incharge:

Parth Chauhan - +91 95400 64449



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PROBO-SOLVER

Themes:

- Swachh Bharat
- Agni Rakshak (Future Fire Fighter)

Eligibility: Group: 1- (VI-VIII) (juniors), Group: 2- (IX-XII) (seniors)

Teams per School: 2 (One Team per Group)

Participants per Team: 2

Event Details: Participants will engage to develop a prototype of robot as per the theme. The creation should be innovative and interesting showcasing the theme in an attractive way.

Guidelines:

- The event will be held in two rounds: Prelims and Finals.
- Create a video of 2-3 minutes showcasing your project.
- The Project should be engaging and as per the theme.
- Submit a short video in mp4 format of not more than 3 minutes, describing the idea and working.

Judgement Criteria:

- Usefulness
- Uniqueness
- Innovation
- Presentation

Prelims:

- The Unlisted YouTube video link to be shared on [Click Here](#)
- Teams will be shortlisted for the final round.
- Entries for the prelims to be submitted by 25 August 2023

Final:

- Participants will give a project presentation and showcase the working model.
- Teams will respond to the questions asked about their ideas and presentation posed by the judges.

Student Incharge :

Devansh Gupta - +91 83682 93713



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Themes:

- Smart Home Automation System
- Health Monitoring Device
- Smart Garden System

Eligibility: Group: 1- (VI-VIII) (juniors), Group: 2- (IX-XII) (seniors)

Teams per School: 2 (One Team per Group)

Participants per Team: 2

Event Details: Participants will engage to develop a working model useful as per the theme. The creation should be innovative and interesting showcasing the theme in an attractive way.

Guidelines:

- The event will be held in two rounds: Prelims and Finals.
- Create a video of 2-3 minutes showcasing your project.
- The project should be engaging and as per the theme.
- Submit a short video in mp4 format of not more than 3 minutes, describing the idea and working.

Judgement Criteria:

- Feasibility
- Uniqueness
- Innovation
- Presentation

Prelims:

- The unlisted YouTube video link to be submitted on [**Click Here**](#)

Final:

- Participants will give a project presentation and showcase the working model.
- Teams will respond to the questions asked about their ideas and presentation posed by the judges.

Student Incharge:

Arnav Gupta - +91 98187 82869



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GREEN ENERGY

Themes:

- Recycling Initiative
- Zero carbon based Energy generation
- Transport and innovation

Eligibility: Group: 1- (VI-VIII) (juniors), Group: 2- (IX-XII) (seniors)

Teams per School: 2 (One Team per Group)

Participants per Team: 2

Event Details: Participants will create project on the given theme showcase how they can sustain energy (renewable energy). The creation should be innovative and interesting showcasing the theme in an attractive way.

Guidelines:

- The event will be held in two rounds: Prelims and Finals.
- Create a video of 2-3 minutes showcasing your project.
- The project should be engaging and as per the theme.
- Submit a short video in mp4 format of not more than 3 minutes, describing the idea and working.

Judgement Criteria:

- Relevance to the topic
- Concept
- Innovation
- Originality

Prelims:

- The Unlisted YouTube video link to be shared on [Click Here](#)
- Teams will be shortlisted for the final round.
- Entries for the prelims to be submitted by 25 August 2023

Final:

- Participants will give a project presentation and showcase the working model.
- Teams will respond to the questions asked about their ideas and presentation posed by the judges.

Student Incharge:

Prithu Narula - +91 9899050343



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VIRTUAL CRAFT

Platform: Minecraft

Theme: VIRTUAL MUSEUM, VIRTUAL COMPUTER LAB

Eligibility: VI - X

Teams per School: 1

Participants per Team: 3 (Maximum)

Guidelines:

- The event will be held in two rounds: Prelims and Finals.

Prelims:

- Participants need to create a world in Minecraft on the given theme
- The google link of the Minecraft world to be shared on [Click Here](#)
- Teams will be shortlisted for the final round.
- Entries for the prelims to be submitted by 25 August 2023.
- **Judgement Criteria:**
 - Innovation
 - Originality
 - Relevance to the topic
 - Concept

Finals:

- Participants will give a presentation of their 3D world through a small video of maximum 3 minutes.
- Teams will respond to the questions asked about their ideas and presentation posed by the judges.
- **Judgement Criteria:**
 - Innovative and creative use of video format
 - Queries asked by the judges
 - Adhering to the time limit
 - Verbal Presentation
 - Research and Technology

Student in-charge:

Mudit Joshi - +91 78278 04285



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WISHES YOU

GOOD LUCK

See you on

1st September 2023



@AtIBvn-Delhi



Register Now