

## Annexure

### WORLD SPACE WEEK 2024

#### **THEME: SPACE AND CLIMATE CHANGE**

In 2024, World Space Week (WSW) focuses on "Space and Climate change." This theme celebrates the transformative impact of space technology in our ongoing battle against climate change, emphasizing the proactive role space exploration plays in enhancing our understanding and management of Earth's climate.

### SAT FROM TRASH COMPETITION

#### **ABOUT THE COMPETITION**

Participants will prepare a non-working model of a satellite from trash, where trash stands for any in-expensive, discarded material with no utility.

*Note: Use of any kind of batteries, electronic and electrical gadgets is prohibited.*

#### **CATEGORIES**

1. Below 10 years age group
2. 10 to 15 years age group
3. 16 to 20 years age group
4. Above 20 years age group

#### **TIME DURATION**

The duration of the clip while making the satellite can vary from 1 minute to a maximum of 2 min and minimum two photos of the model are required.

#### **REGISTRATION**

*Note: Participants have to upload the files on the submission link*

Link to register: <https://forms.gle/PCEr5JCfh3h8g21g9>

Submit your creative: <https://forms.gle/k7Zk91Cstrba4d7C6>

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#### **For technical information about parts of a satellite, refer the below links:**

- <https://go.nasa.gov/2eXNYFh>
- <http://bit.ly/2eXlnjh>

#### **Materials to be used / not to be used in the satellite model:**

To be used	Not to be used
1. Ice cream sticks	1. Corks
2. Aluminum Foils	2. Scissors
3. Toothpicks	3. Blades
4. Tissue papers	4. Knives
5. Empty plastic bottles	5. Electronic Gadgets
6. Straws	6. Motors
7. Matchboxes	7. Electrical Gadgets
8. Empty unused small boxes	8. Lights
9. News Papers	9. Batteries
	10. Any other object which is flammable or sharp

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### Note:

- You can use any kind of colour or other decorating material to decorate your satellite.
- You can use any kind of binding agent or glue to make your satellite.
- Scissors and Cutters are allowed only for cutting purposes.

### To be kept in mind during model making:

- The model should not be a working model.
- The model should contain all the essential parts of a satellite.
- The students should be able to explain the model, its parts and its purpose. They should have some room for creativity and originality too.
- The satellite model should have a relevant name.
- The model should not exceed the dimension of **1ft X 1ft X 1ft**.
- Replica models of famous satellites would also be acceptable.

### Judging Parameters:

The models will be judged on the following parameters.

- Essential Parts of a satellite
- Creativity
- Presentation of model
- Explanation about the satellite model

### Photographs of satellite models as examples:



## **NATIONAL ASTRO VIDEO PODCAST COMPETITION**

### ABOUT THE COMPETITION

This competition invites students to create a video podcast where they discuss or demonstrate the ways space technology is contributing to climate change solutions. Participants are encouraged to use scientific evidence and creative storytelling to highlight space innovations that promote environmental sustainability.

### Guidelines

- Any scientific aids or models can be used to explain the contributions.
- The mode of explaining the theme can be a demonstration, presentation, interaction or interview.

### For example –

- a. Explaining the topic with a self-made presentation or photographs (can be used from the internet with proper credits).
- b. Interacting or interviewing a group of people to highlight the theme

### Categories & Topic

1. **Below 10 years age group** ( "How Can We Help Our Planet?" – Explore small steps to protect Earth from climate change)

2. **10 to 15 years age group** (Climate Change on Other Planets: What We Can Learn)
3. **16 to 20 years age group** (Space Missions Monitoring Earth's Climate – How are space agencies like NASA and ISRO tracking and addressing climate change?)
4. **Above 20 years age group** (From Satellites to Sustainability: The Role of Space Technology in Climate Monitoring" – The importance of space tech in tracking environmental changes.)

### **REGISTRATION**

- Shoot a video based on the theme for the year 2024.
- Post on any social media platforms (Facebook, Instagram and Twitter), keeping **Privacy Settings as Public**, it is compulsory to tag **@SPACEIndiaEdu** (for Facebook), **@spacian** (for Twitter) and **@space\_india** (for Instagram) and using hashtags **#SPACEIndia**, **#DigitalIndia**, **#ThinkShootUpload**
- Registration will start from **25th September to 15th October 2024**

**Link to register:** <https://forms.gle/41vYVoyMbsFgFFZNA>

**Submit your creative:** <https://forms.gle/LY3o7A92MX9R3Cog7>

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### **PARTICIPATION**

- The video should introduce only ONE participant. Volunteers can be involved
- A Team can create the video but registration will be **ACCEPTED** for one individual only. No Team registration will be accepted.

### **VIDEO FORMAT AND DURATION**

- Format used for the video should be .mpeg, .mov, .avi, .mp4, etc.
- Duration of the video must not exceed 2 Minutes.

### **VIDEO SHOOTING PARAMETERS**

- The video can be shot using a webcam, phone video recorder, video camcorders, digital cameras and DSLR.
- Audio needs to be clear and audible.
- Common and easily available software can be used for editing.

### **SELECTION PARAMETER**

- The entries will be judged on the following basis:
- Creativity and originality in presenting the topic.
- Use of interesting and creative mode and teaching aids to explain the topic.
- Scientific approach of the video and correct use of scientific terms.
- Statically biased video i.e. the difference between the result and true value should be the same.
- Innovative ideas, messages or thoughts were delivered in an original and imaginative way.

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### **IMPORTANT NOTE**

- The podcasts will be judged based on the originality of the idea, science content, clarity of the concept and its delivery along with usage of aids.
- By submitting your video, you are promising that you own all rights to all material in your video, including the music, images, script, and rights to include all persons, places or organizations included or depicted. SPACE India will have distribution rights for non-commercial use, and video makers will have co-distribution rights for either public or commercial use. You also agree to allow the SPACE India to use your name, identification, and likeness to use, promote or publicize your video in any manner, without limitation, and without further compensation.
- This contest is in no way sponsored, endorsed or administered by, or associated with, Facebook, Instagram or Twitter. By submitting your video, you agree to release Facebook, Instagram or Twitter of any and all liability associated with this contest.

# NATIONAL ASTRO TOON COMPETITION

## ABOUT THE COMPETITION

The National Astro Toon Competition is a creative platform for students and young adults to express their interest in astronomy and space exploration through cartoons, animations, and comic strips. Participants can submit their original entries under categories like Space Exploration, Astronomy and Astrophysics, Indian Space Program, and Environmental Impact of Space Activities.

## CATEGORIES

This competition is open to all age groups

1. Below 10 years age group (Only one cartoon panel on A-4 Sheet)
2. 10 to 15 years age group (Only one cartoon panel on A-4 Sheet)
3. 16 to 20 years age group (Storyline Cartoons strip of 4 to 6 cartoon images on A-3 Sheet)
4. Above 20 years age group (Storyline Cartoons strip of 4 to 6 cartoon images on A-3 Sheet)

**REGISTRATION:** Registrations would begin on the 25th September 2024 and would end on 15th October 2024. Submit your artwork by 15th October 2024

**Link to register:** <https://forms.gle/z6E9mMwQ5ifKWR8u9>

**Link to submit your Artwork:** - <https://forms.gle/nxR6uAxgcjKmnkYK7>

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## Terms & Conditions

- Only 1 Cartoon strip per student will be accepted.
- Below 10 ages have to make a single panel cartoon. Multiple panels will not be accepted.
- From Category 3 and above can create multiple panels (Minimum 4 and maximum 6) within the sheet to present their storyline.
- The participants should do their signature at the bottom right corner of the sheet along with his/her name, class and institution name. Cartoons should be neatly drawn over. Any colour can be used.
- Cartoons will be judged on the basis of originality, technique, style, composition, context, creativity and imagination as well as relevance to the theme.

# Graphic Novels Creation Competition

This competition challenges participants to create 4–5-page graphic novels that explore fictional space missions designed to solve and monitor climate change issues on Earth. Through creativity, science, and storytelling, participants will visualise how space technology can contribute to environmental sustainability.

The winning entries will be published as **eBooks on Amazon or Kindle**, allowing participants to showcase their talent on a global platform. All winners will receive merit-based certificates for their outstanding contributions.

**Registration:** - <https://forms.gle/HXYor5b8qDkQ6MPJ9>

**Submission:** - <https://forms.gle/HXYor5b8qDkQ6MPJ9>

## **Eligibility Criteria**

- Open to **independent participants** (not affiliated with a school) between the ages of:
  - **Category 1:** 10 -15 years
  - **Category 2:** 16-20 years
  - **Category 3:** 20 years above
- Participants must **submit individually**, and team submissions are not allowed.

### Rules and Guidelines

1. **Theme:** The graphic novel should depict a fictional space mission aimed at **solving or monitoring climate change on Earth**. The narrative should emphasise the role of space technology in tackling climate challenges.
2. **Format:**
  - The novel must be **4-5 pages** in length.
  - The artwork can be digital or hand-drawn and must be submitted as a **PDF**.
  - Submissions must be **original** and created solely by the participant(s).
3. **Language:** The novel must be written in **English**.
4. **Submission:**
  - Independent participants must upload their final entries to the provided platform in **PDF format**.
  - Submission Link:
5. **Content Guidelines:**
  - The storyline should be clear and relevant to the theme.
  - Each entry must include both **visual elements** (drawings or illustrations) and **text** to explain the narrative.
6. **Deadline:** All entries must be submitted by **15<sup>th</sup> October 2024**.

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### Judging Criteria

Submissions will be judged based on the following criteria:

1. **Relevance to Theme:** How well the graphic novel reflects the space mission's role in addressing climate change issues.
2. **Creativity and Originality:** The uniqueness and innovation in the storyline, characters, and visual presentation.
3. **Clarity of Narrative:** How clearly and coherently the story is told through both text and visuals.
4. **Artistic Quality:** The aesthetic appeal and effort put into the artwork, considering both hand-drawn and digital formats.

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This competition offers a unique opportunity for students and independent participants to combine creativity with scientific awareness, making space science accessible through storytelling. Participants will not only sharpen their artistic skills but also play a part in raising awareness about the role of space exploration in combating climate change.

### **RESULTS & AWARDS for all Competitions**

- **1st, 2nd & 3rd Merit certificates will be given in each category.**
- **Likes and shares on the videos will be counted till 15<sup>th</sup> October 2024 and final results will be announced till the last Week of November.**
- **1<sup>st</sup> & 2<sup>nd</sup> Winners will get an Merit Certificate recognized by SPACE India with Space goodies. Participants will be given certificates for their efforts.**

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