

राष्ट्रीय आदिवासी छात्र शिक्षा समिति

(जनजातीय कार्य मंत्रालय के अंतर्गत
एक स्वायत्त संस्थान, भारत सरकार)
भू-तल, गेट नंबर-3ए, जीवन तारा बिल्डिंग,
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National Education Society for Tribal Students

(An Autonomous Organization under
Ministry of Tribal Affairs, Govt. of India)
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F. No. NESTS/EMRS/CAC/109/2021-22/1368

Dated: 22nd August, 2024

The Nodal Officers,
State/UTs EMRS Society,
(As per list).

Subject: Observation of 'National Space Day' in EMRSs- reg.

In continuation of Letter No. NESTS/EMRS/CAC/109/2021-22/1367 dated 21/08/2024, wherein NESTS has encouraged the celebration of 'National Space Day' by conducting the various suggested activities in all the EMRSs across the country (Letter attached), a detailed concept note is enclosed as Annexure-I for your kind reference. The note outlines the activities to be conducted in schools, including the preparation of report, target audience, and the use of hashtags for the social media campaign on various platforms.

In light of the above, it is requested to kindly disseminate this information to all the EMRSs under your jurisdiction to ensure that the schools carry out the celebrations as planned.

Looking forward to your support.

Encl: - As above.


(Anupam Sonalkar)

Joint Commissioner, NESTS.

Copy to:

1. The Principal Secretary, Tribal welfare department, Govt of State (as per list) with similar request and for information please.
2. The EMRS Principals for information and necessary action please.

Concept Note

Celebrating National Space Day in EMRS and Ashram Schools

Background:

National Space Day, instituted by the Hon'ble Prime Minister Narendra Modi in 2023 to commemorate the Chandrayaan-3 mission's historic landing on the Moon's south pole, is a celebration of India's growing prowess in space exploration. This landmark day, celebrated on August 23 every year, provides an opportunity to inspire students across the nation to dream big and explore the frontiers of science and technology.

To honor this occasion and ensure that students from tribal communities are actively involved in India's space journey, Eklavya Model Residential Schools (EMRS) and Ashram Schools will take part in the national celebration. This event will engage students with interactive, educational activities that broaden their understanding of space science while igniting a passion for STEM (Science, Technology, Engineering, and Mathematics).

Objective:

The celebration of National Space Day in EMRS and Ashram Schools aims to:

- Provide tribal students with an introduction to space science, technology, and India's achievements in the sector.
- Foster curiosity and inspire interest in STEM fields, particularly space-related disciplines.
- Encourage participation in hands-on activities and competitions to boost creativity, critical thinking, and teamwork.
- Highlight career pathways in space science and technology, expanding students' aspirations and educational goals.

Target Audience:

- **Primary:** Students from Classes I to XII in EMRS and Ashram Schools across India.
- **Secondary:** Teachers, staff members, and community stakeholders invested in promoting STEM education.

Proposed Activities:

1. **Space Science Exhibitions:**
 - Curate exhibitions showcasing models of Indian space missions like Chandrayaan, Mangalyaan, and upcoming projects such as Gaganyaan.
 - Display interactive panels illustrating the science behind space exploration, satellite technology, and planetary exploration.
2. **Live Webinar with ISRO Scientists:**
 - Conduct live virtual sessions with ISRO scientists and space experts from IIT/NIT, who will share their experiences, discuss India's space programs, and answer questions from students.

- Include a special segment on the future of space exploration and opportunities in the space sector.
3. **Hands-on Workshops and Space-Themed Activities:**
 - Organize workshops that allow students to build their own model rockets, satellites, and space stations, using simple materials to understand the basic principles of space technology.
 - Engage students with coding exercises focused on space-related challenges, introducing concepts of robotics and programming.
 4. **National Space Day Competitions:**
 - **Essay and Poster Competitions:** Topics such as “India's Space Odyssey,” “Dreaming of the Stars: My Future in Space,” and “Exploring the Universe.”
 - **Quiz Competitions:** Test students’ knowledge about space exploration, India’s missions, and the global space race. Winners could be invited for special interactions with space scientists.
 - **Model-Making Competitions:** Encourage teams of students to design and present innovative space exploration models.
 5. **Stargazing and Planetarium Experience:**
 - Collaborate with astronomy clubs to organize stargazing nights, where students can observe celestial bodies like the moon, planets, and constellations using telescopes.
 - If available, organize mobile planetarium visits for a 360-degree immersive experience of space.
 6. **Educational Screenings:**
 - Screen documentaries and movies such as "Mission Mangal," "Chandrayaan 3: India’s Lunar Success," and "India’s Journey to Mars."
 - Host follow-up discussions to deepen students' understanding and allow them to ask questions about space exploration.
 7. **Space Science Career Guidance Sessions:**
 - Conduct interactive career counseling sessions that highlight educational paths, scholarships, and opportunities for pursuing careers in space science and technology.
 - Distribute educational materials on relevant courses in space science, astrophysics, engineering, and other related fields, including information about institutions offering specialized programs.
 8. **Art and Creativity Corner:**
 - Encourage students to use their imagination through art contests where they can depict futuristic space missions, spacecraft designs, and planetary exploration.
 - Compile student artworks and ideas into a “Space Visions” gallery, displayed across school corridors or on digital platforms.
 9. **Virtual Space Center Tours:**
 - Arrange virtual tours of ISRO facilities, space stations, and international observatories. Students will get a behind-the-scenes look at mission control rooms, launch pads, and spacecraft assembly centers.
 - Use AR/VR technologies to give students a simulated experience of space missions and lunar landings.

Documentation & Outreach Strategy

A. Presentation (PPT) and Reports

- Each school will compile a comprehensive PPT presentation detailing the activities conducted on National Space Day, including event photos, participation statistics, Social Media Post and feedback from students and teachers.
- A final consolidated report documenting the nationwide celebration, student engagement, and outcomes will be presented to the NEST ,Ministry of Tribal Affairs .

B. Audio/Visual (A/V) Content

- **Video Production:** A short 2-minute documentary featuring highlights from the event, interviews with students and teachers, and clips of live interactions with ISRO /IIT/NIT scientists/Professors.

C. Social Media Campaign & Use of Public App

- **Hashtags:** #EmpoweringTribalsTransformingIndia
- #NationalSpaceDay, #SpaceForTribalStudents, #IndiaInSpace, #EMRSSpaceDay
- **Platforms:** Facebook, Twitter, Instagram, YouTube
- **Posts:**
 - Twitter: Live updates during the event, photos of students participating in activities, quotes from ISRO scientists,IIT/NIT Professors and event highlights.
 - Instagram: A carousel post featuring space-themed artwork by students.
 - Facebook: A detailed post summarizing the day, with links to the YouTube video documentary.
 - YouTube: Full coverage of the event, including recordings of webinars and key activities.
- **Tags:** @MinistryOfTribalAffairs, @ISRO, @PMOIndia, @PIB_India

Logistics and Implementation:

- **Date:** August 23, 2024, in alignment with National Space Day.
- **Duration:** Single-day celebration with potential follow-up activities throughout the week.
- **Coordination:** ISRO, IIT, NIT , NGOs specializing in STEM education, and local educational institutions to implement the event.

Expected Outcomes

- **Increased Interest in STEM:** Tribal students will be motivated to pursue STEM education, with space science being an exciting frontier.
- **Awareness of ISRO's Achievements:** Students will develop pride in India's space missions and a deeper understanding of the country's contributions to space exploration.

- **Community Engagement:** The celebration will extend beyond the classroom, involving local communities and encouraging collective learning about space.
- **Talent Identification:** The event will help identify students with a keen interest in space science, who may be nurtured for future careers in this field.

Celebrating National Space Day in EMRS and Ashram Schools will provide a unique platform to connect students from tribal communities with the wonders of space science. This initiative will not only nurture their curiosity and creativity but also pave the way for a new generation of space enthusiasts and future scientists.

The event aligns with India's vision of inclusive scientific development and aims to empower students to dream big, reaching for the stars in both their education and future careers.



F. No. NESTS/EMRS/CAC/109/2021-22/1367

Dated: 21st August, 2024

The Nodal Officer,
State/ UTs EMRS Society,
(As per list).

Subject: Observance of 'National Space Day' in EMRSs- reg.

With reference to the above subject and ibid letter, it is stated that to commemorate the success of the Chandrayaan-3 mission, Hon'ble Prime Minister of India has declared August 23rd of every year as "**National Space Day**". Further, the theme for National Space Day 2024 is "Touching Lives while Touching the Moon: India's Space Saga."

Being the maiden National Space Day and with the objective to inspire and engage the youth of the EMRSs towards space technology and its applications, it is imperative that various activities be organized to celebrate "National Science Day" on 23rd August, 2024 across all EMRSs. The suggested activities are as follows: -

1. Organizing of Special class/ workshops/ demonstration/ lectures on 22nd & 23rd August, 2024, on the basis of Chandrayan module, Space achievements like Aditya, space technology etc.
2. Encourage students to register on the "Bharat on the Moon Portal" developed by NCERT to participate in various activities. Link: - <https://bharatonthemoon.ncert.gov.in/>.
3. 10 Grade specific Special Modules on Chandrayan available, on the website of NCERT, in 13 regional languages may be popularized amongst students and teachers.
4. Conduct Model building, quiz and painting competitions.
5. A special 30 minutes video on Chandrayaan Utsav being developed by NCERT for an online class on the Chandrayan Modules, which shall be played on 23rd August, 2024. The link will be posted on the social media platforms.
6. Teachers/ students may develop reels of upto 2 minutes to increase awareness and interest in space- related activities.

Accordingly, it is requested to direct all the EMRSs under your jurisdiction to celebrate National Space Day by conducting the above suggested activities. Additionally, it is also requested to advise the EMRSs that clear photographs and videos of the events organized be compiled and shared with NESTS.

Looking forward to your kind cooperation please.


(Anupam Sonalkar)

Joint Commissioner, NESTS.

Copy to:

1. The Principal Secretary, Tribal Welfare Department, State/ UTs Govt. (as per list), with similar request and information please.
2. The PS, Commissioner, NESTS for information please.