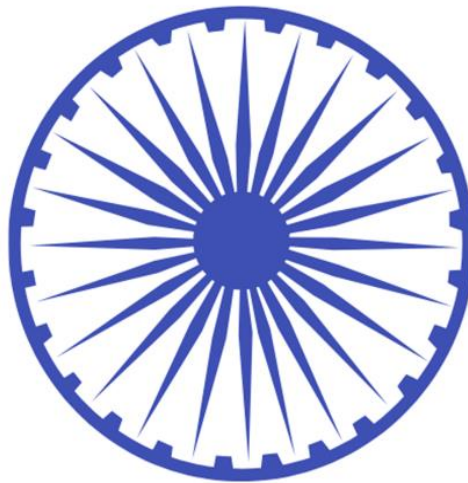


INDIA

NATIONAL
SPACE DAY



LOGO DESIGN COMPETITION

Theme :
"Touching Lives while Touching the
Moon: India's Space Saga"



CHANDRAYAAN 3

Report by
INDIA SPACE WEEK
August, 2024

INDIA SPACE WEEK REPORT

NATIONAL SPACE DAY-2024

CELEBRATIONS - Logo Design Contest

“Touching Lives while Touching the Moon: India’s Space Saga”

India had successfully landed its Chandrayaan-3 Vikram lander on the lunar south polar region on August 23, 2023. To commemorate this feat, every year, August 23rd is declared “National Space Day” by the government of India.



Member of United Nations Global Geospatial Information Management
(UN-GGIM) Academic Member

Community Member of NASA SATEM course and Events

Affiliated to JAXA (Research Category: Geography Disaster and Earthquake)



www.indiaspaceweek.org / www.indiaspaceweek.ac.in

www.isl.ac.in / www.issl.res.in



FOREWARD

It gives me great pleasure to announce the launch of the logo design competition for the inaugural National Space Day, celebrated on August 23, 2024. This year is particularly significant as it marks the first anniversary of India's remarkable achievement in space exploration with the successful landing of the Chandrayaan-3 mission on the lunar south pole.

The theme for this competition is “Touching Lives while Touching the Moon: India’s Space Saga.” This theme encapsulates our commitment to technological advancement and the positive impact of space exploration on our society. As we push the boundaries of what is possible in space, we must also acknowledge the importance of fostering a sustainable and thriving Earth.

The logo design competition exemplifies our dedication to engaging the public in celebrating our nation's achievements in space. We invite all creative minds to participate and contribute designs that reflect the spirit of India's space journey. The selected logo will be prominently displayed across various materials related to National Space Day, including websites, brochures, banners, and merchandise.

I extend my heartfelt congratulations to all participants and encourage everyone to unleash their creativity in this critical initiative. The collaborative efforts of the community will undoubtedly lead to a logo that inspires pride and unity in our shared achievements.

Let us come together to celebrate our milestones in space exploration while remaining committed to the well-being of our planet. Thank you to all who contributed to making this competition a success. Together, we can reach for the stars while ensuring our roots remain firmly grounded in a sustainable future.



PREFACE

The National Space Day 2024 Logo Design Competition marks a momentous effort in our quest to celebrate India's achievements in space exploration and promote environmental consciousness. This initiative, open to all citizens of India, highlights our dedication to commemorating our nation's stellar contributions to the world of space science.

The Department of Space (DOS) has spearheaded this competition with the Indian Space Research Organisation (ISRO). Their commitment to engaging the public in this celebration is commendable and has fostered a sense of unity and pride among all participants.

The theme for the logo design, "Touching Lives while Touching the Moon: India's Space Saga," encapsulates the impact of India's space endeavors on society. Inviting creative minds nationwide to submit their designs has cultivated a culture of responsibility and innovation in pursuing excellence.

I extend my heartfelt appreciation to all participants who have unleashed their creativity and submitted designs that embody the spirit of India's space achievements. Your dedication and passion are inspiring and set a strong example for future generations.

Through the National Space Day 2024 Logo Design Competition, we have made meaningful progress toward celebrating our nation's milestones in space exploration. This initiative is a shining example of our ability to unite for a common cause and inspire change in pursuing excellence and innovation.

I congratulate the competition winner and all participants who contributed to making this event a success. Your designs will be prominently featured on various materials related to National Space Day 2024, ensuring that the spirit of this celebration lives on for years to come.

INDIAN SPACE SECTOR

The space sector in India has evolved significantly since its inception, with the Indian Space Research Organisation (ISRO) at the forefront. This sector is characterized by a blend of government initiatives and a burgeoning private industry, leading to substantial advancements in technology and infrastructure.

Indian Space Research Organisation (ISRO)

The Indian Space Research Organisation (ISRO) has a rich history marked by significant achievements and milestones in space exploration and technology. Established in 1969, ISRO has grown to become a key player in the global space community, known for its innovative approaches and cost-effective missions.

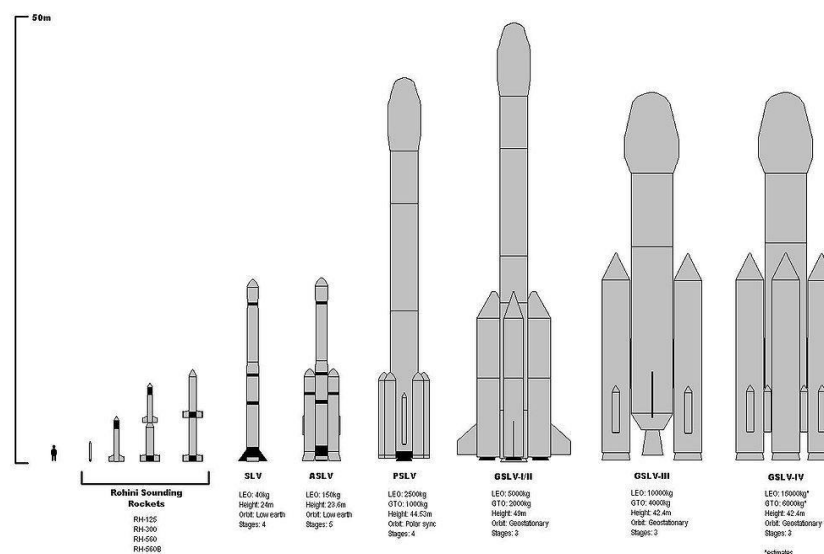


Historical Overview

- **Founding and Early Years:** ISRO was founded by Dr. Vikram Sarabhai, who is often regarded as the father of the Indian space program. The organization began with modest satellite launch capabilities, focusing on developing indigenous technology.
- **Satellite Launch Vehicles:** Over the years, ISRO developed several generations of launch vehicles, including the Satellite Launch Vehicle (SLV), Augmented Satellite Launch Vehicle (ASLV), Polar Satellite Launch Vehicle (PSLV), and Geosynchronous Satellite Launch Vehicle (GSLV). Each generation has improved payload capacity and reliability.

Significant Missions

- **Chandrayaan-1 (2008):** India's first lunar mission, which made significant discoveries, including evidence of water molecules on the Moon.
- **Mangalyaan (2013):** The Mars Orbiter Mission (MOM) made India the first Asian nation to reach Martian orbit and the first in the world to do so in its maiden attempt.
- **Chandrayaan-3 (2023):** Launched on July 14, 2023, this mission achieved a historic soft landing on the Moon's south pole on August 23, making India the first country to do so and the fourth overall.





Recent Achievements in 2023

1. **Chandrayaan-3:** This mission marked a significant milestone for ISRO, showcasing India's capabilities in lunar exploration. The successful landing on the Moon's south pole opened new avenues for scientific research and exploration.
2. **Aditya-L1 Mission:** Launched on September 2, 2023, this mission is India's first dedicated solar observatory, aimed at studying solar phenomena and their impact on space weather.
3. **PSLV-C55 Mission:** On April 22, 2023, ISRO launched two satellites for Singapore, demonstrating its ability to manage multiple payloads efficiently.
4. **Gaganyaan Mission:** In October 2023, ISRO completed its first uncrewed flight test for India's human spaceflight program, marking a significant step towards sending astronauts into space.
5. **Reusable Launch Vehicle Technology:** ISRO has been developing reusable launch vehicle technology to reduce costs and increase the frequency of launches.



Recognition and Impact

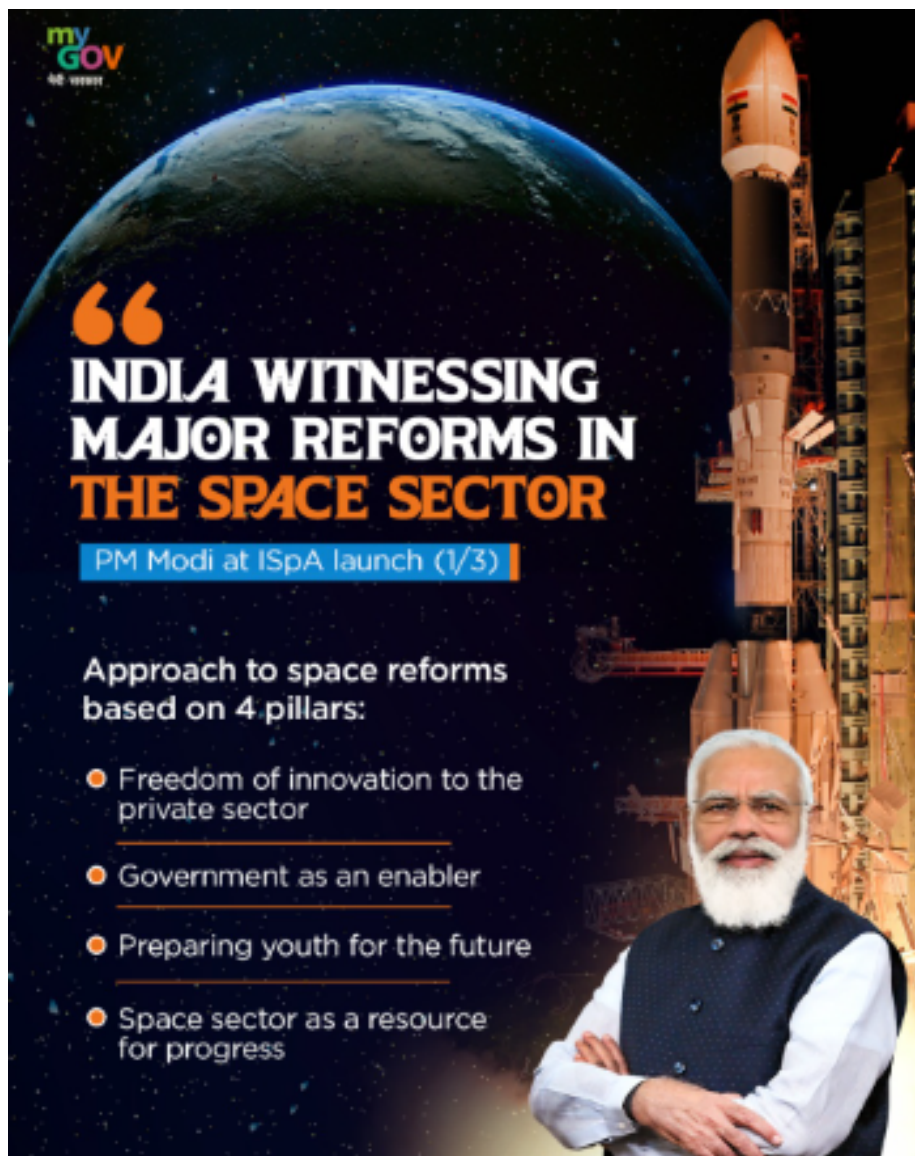
In 2023, ISRO received the "Indian of the Year Award" for Outstanding Achievement, recognizing its contributions to space exploration and technology. The agency has not only advanced India's position in space but also fostered public interest and engagement in science and technology.

Way Forward

India's space sector is at a transformative stage, with a robust framework established by ISRO and an increasing number of private players entering the market. The government's supportive policies and the successful execution of landmark missions position India as a key player in the global space economy, with significant potential for future growth and innovation.

Key reforms in Indian Space Sector

The Indian government has introduced several key reforms in the space sector to promote private participation and boost the country's space economy. Here are the main reforms:



The infographic features a dark space background with a large view of Earth on the left and a rocket launch on the right. In the bottom right corner, a portrait of PM Narendra Modi is shown with his arms crossed. The text is overlaid on the left side of the image.

my GOV
40 years

“
**INDIA WITNESSING
MAJOR REFORMS IN
THE SPACE SECTOR**
”

PM Modi at ISpA launch (1/3)

Approach to space reforms
based on 4 pillars:

- Freedom of innovation to the private sector
- Government as an enabler
- Preparing youth for the future
- Space sector as a resource for progress

Establishment of IN-SPACe



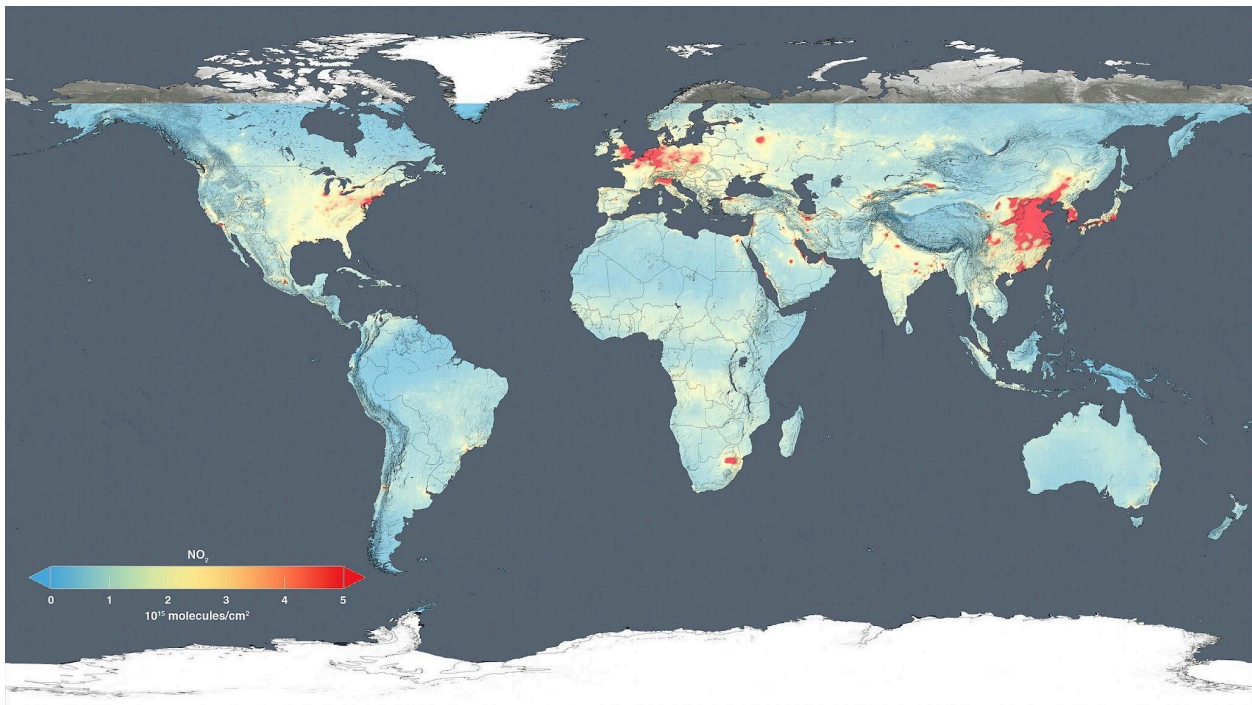
The Indian National Space Promotion and Authorization Center (IN-SPACe) was established in June 2020 as an independent nodal agency under the Department of Space (DOS). IN-SPACe is responsible for allowing and regulating space activities and the usage of DOS-owned facilities by non-government private entities (NGPEs).



Enhanced Mandate for NewSpace India Limited (NSIL)

NewSpace India Limited (NSIL), a commercial arm of ISRO, has been granted an enhanced mandate as part of the space reforms:

- Owning satellites for Earth observation and communication applications and providing space-based services
- Building satellites and launching them based on demand (demand-driven missions)
- Providing launch services for customer satellites
- Building launch vehicles through Indian industry and launching them as per customer requirements
- Providing space-based services related to Earth observation and communication satellites on a commercial basis
- Offering mission support services to national and international customers
- Transferring technology to Indian industry





Enabling Private Sector Participation

The reforms aim to enable and promote NGPEs to carry out independent space activities by providing a level playing field and favorable regulatory environment. Key aspects include:

- Allowing NGPEs to establish and operate ground facilities
- Permitting NGPEs to engage in end-to-end space sector activities
- Enabling NGPEs to undertake ambitious projects such as the commercial recovery of asteroid resources

Transition of ISRO's Role

The reforms have transitioned ISRO's focus from manufacturing operational space systems to the research and development of advanced space technologies. ISRO will continue as a civil space agency, focusing on R&D, while IN-SPACe will regulate and authorize space activities in India, nurture startups, and facilitate cooperation with ISRO.

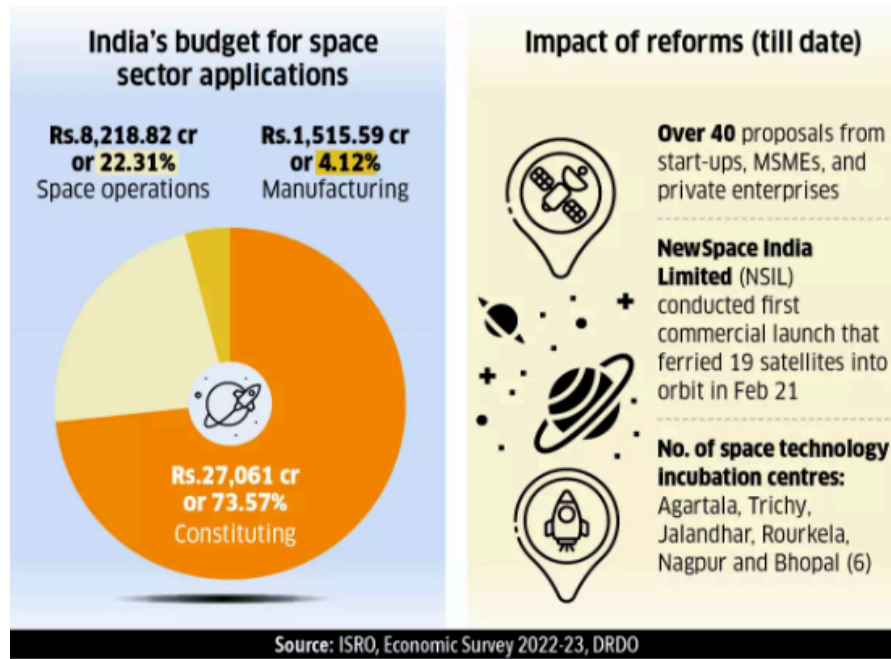
Indian Space Policy 2023

The Indian Space Policy 2023, released in April 2023, provides a comprehensive framework for the space sector, covering satellite communication, remote sensing, space operations, transportation, navigation, and more. The policy defines clear roles for ISRO, IN-SPACe, and NSIL, while also removing barriers to participation for non-government entities.

These reforms aim to unlock the potential of India's space sector, attract global capital, foster innovation, and position India as a key player in the global space economy.

Impact of reforms in Space sector

The recent reforms in India's space sector are set to have a profound impact on the growth and development of the industry. Here are the key ways these reforms are expected to influence the space landscape in India:



1. Increased Private Sector Participation

The establishment of the Indian National Space Promotion and Authorization Center (IN-SPACe) has opened the doors for private companies to participate in various aspects of the space sector. This shift allows private entities to engage in activities previously dominated by ISRO, such as satellite manufacturing, launching, and operating spacecraft, which fosters a more competitive and dynamic environment.



2. Liberalized Foreign Direct Investment (FDI) Policies

The reforms have significantly liberalized FDI policies, allowing up to 100% foreign investment in certain sub-sectors of the space industry. For instance, 74% FDI is permitted in satellite manufacturing and operations, while 49% is allowed in launch vehicles and spaceports. This influx of foreign capital is expected to enhance technological capabilities and promote innovation in the sector.



3. Focus on Innovation and R&D

The reforms emphasize the importance of research and development, encouraging startups and private companies to innovate. The Indian Space Policy 2023 aims to transition ISRO's focus from operational systems to advanced space technologies, creating opportunities for private players to develop new solutions and applications.

4. Access to ISRO Facilities

Private companies are now permitted to utilize ISRO's infrastructure, including testing and launch facilities, at nominal or no cost. This access significantly lowers the barriers to entry for new players, enabling them to develop and test their technologies without the heavy burden of infrastructure costs.

5. Creation of a Robust Ecosystem

The reforms are designed to create a comprehensive ecosystem for space activities in India. By delineating clear roles for ISRO, IN-SPACe, and NewSpace India Limited (NSIL), the reforms ensure a coherent framework for promoting and commercializing space activities. This clarity encourages investment and participation from both domestic and international players.



6. Potential for Economic Growth

The Indian space economy is currently valued at approximately \$8 billion, accounting for about 2% of the global space market. With the reforms, India aims to capture a larger share, potentially increasing its market share to 9% by 2030. This growth is expected to create numerous jobs and stimulate economic development in related sectors.

7. Encouragement of Startups

The reforms have led to a surge in interest from startups in the space sector. With the government actively promoting entrepreneurship through various initiatives, including seed funding and mentorship programs, the number of space startups in India is expected to grow, fostering innovation and competition within the industry.



INDIA SPACE WEEK

India Space Week focuses on Space, Science, computing and Technologies!

Our mission is to inspire and educate the public, foster collaboration among industry leaders, and drive Innovation in the fields of space, science, and computing and Technologies.

Our achievement: Annual celebration of space-related events and activities held across India from August 12-18. The theme for India Space Week 2023 is "Space for Education, recognizing the growing significance of educational space institutes and the increasing opportunities for space education and new benefits of space technology.

The goal of India Space Week is to inspire students worldwide to study Space, Science, Computing and Technology and offer space companies and institutions the opportunity to recruit the space talent needed for the expanding educational space industry.

India Space Week is organized by a network of over 1,000 space-related institutions, the largest such network in India.

India Space Week is an autonomous institute which is affiliated/associated to UNITED NATION GEOSPATIAL INFORMATION and MANAGEMENT(UN-GGIM Academic Network) NASA, JAXA, ISRO IN-SPACE EUROPIAN SPACE AGENCY, EGYPT SPACE AGENCY and Member of Indian Society of Geomatics and Indian Society of Remote Sensing.



India Space Week is an initiative aimed at celebrating and promoting India's achievements in space science and technology. It usually involves a series of events, activities, and educational programs designed to inspire and educate the public, especially students, about space exploration and India's contributions to the field. Here are some key aspects:

Purpose and Objectives

- **Celebration of Achievements:** Highlight India's accomplishments in space technology and exploration, particularly those by ISRO.
- **Public Engagement:** Engage the general public and create awareness about space science and its applications.
- **Educational Outreach:** Inspire students and young professionals to pursue careers in space science and technology.
- **Industry Collaboration:** Foster collaboration between different stakeholders in the space sector, including government agencies, private companies, and academia.

Significance

- **Inspiration for Future Generations:** Encourages students and young professionals to take an interest in STEM (Science, Technology, Engineering, and Mathematics) fields.
- **National Pride:** Celebrates the accomplishments of India's space program and fosters a sense of pride among citizens.
- **Knowledge Dissemination:** Provides a platform for sharing knowledge and updates on recent developments in the space sector.
- **Promotion of Science and Technology:** Highlights the importance of science and technology in national development and global advancement.



NATIONAL SPACE DAY



NATIONAL SPACE DAY-2024 CELEBRATIONS - Logo Design Contest

Home / NATIONAL SPACE DAY-2024 CELEBRATIONS - Logo Design Contest

May 08, 2024

India had successfully landed its Chandrayaan-3 Vikram lander on the lunar south polar region on August 23, 2023. To commemorate this feat, every year August 23rd has been declared as “**National Space Day**” by the Government of India.

On the 1st National Space Day i.e., August 23, 2024, the Department of Space will be conducting extensive celebrations across the country. To commemorate the successful landing of Chandrayaan-3, the theme selected for National Space Day this year is “**Touching Lives while Touching the Moon: India's Space Saga**”.

ISRO's commitment to Space science is inseparable from its commitment to society and for encouraging public participation in this mega event, ISRO/DOS solicits from the citizens of India to unleash their creativity by designing a logo **that embodies the spirit of our nation's space achievements**.

The chosen design should **resonate with the theme**, leaving a lasting impression and enabling clear reproduction across various mediums such as websites, brochures, banners, apparel, and more. The selected design will be exhibited on different brochures, banners, merchandise, etc. related to National Space Day-2024.

You are encouraged to submit your designs as digital creations to nsd2024@isro.gov.in **on or before May 20, 2024. (jpg, png, pdf format).**

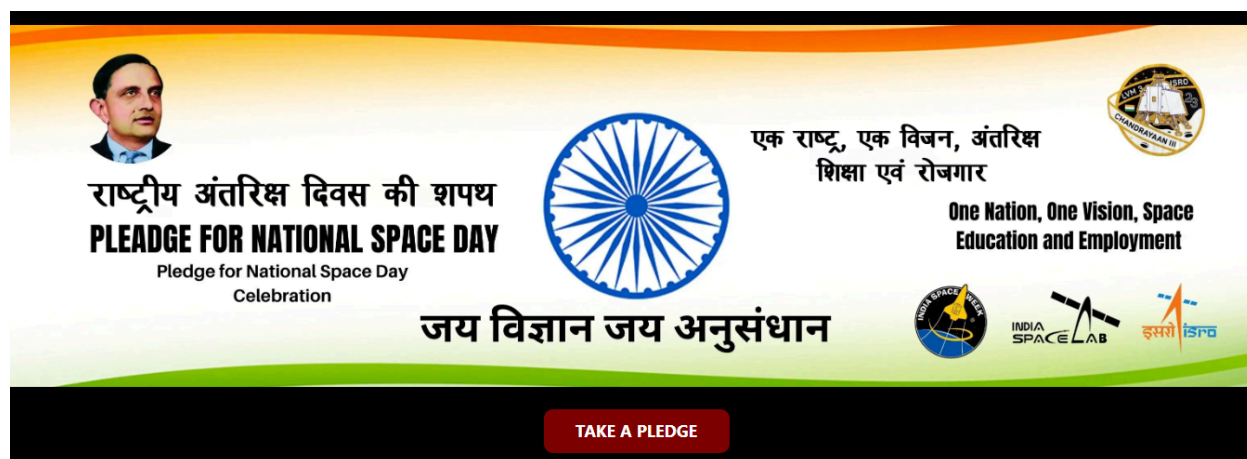
National Space Day in India is celebrated on August 23 each year to commemorate the successful landing of the Chandrayaan-3 mission on the Moon. This significant achievement occurred on August 23, 2023, when the Indian Space Research Organisation (ISRO) successfully landed the Vikram lander and deployed the Pragyaan rover at the Moon's south pole, making India the first country to achieve this feat and the fourth overall to land on the Moon.

Significance

The declaration of National Space Day was made by Prime Minister Narendra Modi, who emphasized the importance of this achievement in advancing India's position in space exploration. The day serves to inspire future generations to engage in science, technology, engineering, and mathematics (STEM) fields, thereby promoting interest in space science and technology.

Celebrations and Activities

On National Space Day, various events and activities are organized to raise awareness about space exploration and its benefits. These may include educational programs, workshops, and public discussions aimed at fostering interest in space science among students and the general public.



The banner features a portrait of Prime Minister Narendra Modi on the left. In the center is the Ashoka Chakra. To the right is the Chandrayaan-3 logo. Below the Ashoka Chakra is the slogan 'जय विज्ञान जय अनुसंधान'. The text 'एक राष्ट्र, एक विज्ञान, अंतरिक्ष शिक्षा एवं रोजगार' is written in Hindi, and 'One Nation, One Vision, Space Education and Employment' is written in English. Logos for India Space Week, India Space Lab, and ISRO are also present. A red button at the bottom says 'TAKE A PLEDGE'.

राष्ट्रीय अंतरिक्ष दिवस की शपथ
PLEDGE FOR NATIONAL SPACE DAY
Pledge for National Space Day
Celebration

एक राष्ट्र, एक विज्ञान, अंतरिक्ष
शिक्षा एवं रोजगार

One Nation, One Vision, Space
Education and Employment

जय विज्ञान जय अनुसंधान

INDIA SPACE WEEK
INDIA SPACE LAB
इसरो ISRO

TAKE A PLEDGE

भारत अंतरिक्ष सप्ताह, चंद्रयान-3 की सफल लैंडिंग के उपलक्ष्य में प्रथम राष्ट्रीय अंतरिक्ष दिवस के शुभ अवसर पर अपने अंतरिक्ष विज्ञान जागरूकता कार्यक्रम के तहत एक स्मार्टफोन खगोल फोटोग्राफी कार्यशाला आयोजित करने हेतु पंजीकरण करें |

INDIA SPACE WEEK IS ABOUT TO CONDUCT A SMARTPHONE ASTROPHOTOGRAPHY WORKSHOP UNDER ITS SPACE SCIENCE AWARENESS PROGRAM ON THE AUSPICIOUS OCCASION OF FIRST NATIONAL SPACE DAY TO COMMEMORATE SUCCESSFUL LANDING OF CHANDRAYAAN-3.

Historical Context

- Chandrayaan-3 Mission: The mission's success marked a significant milestone for India, especially following the unsuccessful landing attempt of Chandrayaan-2 in 2019. The Vikram lander and Pragyaan rover's successful deployment is expected to yield valuable scientific data and contribute to global lunar research.
- Recognition: The government's official notification of National Space Day highlights the mission's implications for scientific and technological progress, as well as its potential to benefit humanity in the long term.



Chandrayaan-3

- Launch Date: Chandrayaan-3 was launched on July 14, 2023.
- Objective: The mission aimed to achieve a soft landing on the Moon's south pole, a region that has not been explored extensively.
- Success: On August 23, 2023, Chandrayaan-3 successfully landed on the lunar surface, making India the first country to land in this region and the fourth overall to achieve a soft lunar landing.

Visit : <https://nationalspaceday.space>

NATIONAL SPACE DAY-2024 CELEBRATIONS - LOGO DESIGN CONTEST

The logo design competition organized by the Indian Space Research Organisation (ISRO) and the Department of Space (DoS) aims to commemorate the first National Space Day, celebrated on August 23. This initiative invites the public to submit logo designs that reflect India's achievements in space, particularly highlighting the successful landing of the Chandrayaan-3 mission near the Moon's south pole.

Competition Details

- Theme: The theme for this year's competition is "Touching Lives while Touching the Moon: India's Space Saga." The logo should embody the spirit of India's space achievements and resonate with this theme.
- Submission Guidelines: Participants are encouraged to submit their designs in digital formats such as .jpg, .png, or .pdf. The deadline for submissions is May 20, 2024.
- Exhibition of Designs: The selected logo will be prominently displayed on various promotional materials related to National Space Day, including brochures, banners, and merchandise.
- Design Requirements: The logo should be easily reproducible across different mediums and leave a lasting impression, encapsulating the essence of India's contributions to space exploration.

Significance

This competition not only serves to engage the public in celebrating India's space achievements but also aims to foster creativity and innovation within the community. The chosen design will represent the nation's commitment to space science and technology, and it will play a crucial role in the celebrations planned for National Space Day 2024.

For more information or to participate, interested individuals can send their designs to nsd2024@isro.gov.in.



National Space Day: ISRO announces logo design contest

The contest is part of the 1st National Space Day celebrations on August 23

Published - May 12, 2024 08:22 pm IST - Bengaluru

THE HINDU BUREAU



Logo design contest to mark National Space Day

The theme this year is 'Touching Lives while Touching the Moon: India's Space Saga'.



DHNS

Last Updated : 10 May 2024, 03:52 IST



ISRO announces Logo Design Contest for first National Space Day

To commemorate the successful soft landing of the Chandrayaan 3 mission on the lunar surface, India has declared 23 August as National Space Day. ISRO has announced a logo contest for the first National Space Day Celebrations. The last date for submitting the logos is 20 May.



Aditya Madanapalle | Published: 09 May 2024 19:01:PM



INDIA SPACE WEEK: LOGO DESIGN COMPETITION

The logo design competition by India Space Week was conducted by the Indian Space Research Organisation (ISRO) to commemorate the first National Space Day, declared by the Government of India to mark the successful landing of Chandrayaan-3 near the lunar south pole. The competition was part of extensive celebrations planned by the Department of Space across the country.

Theme and Objective:

The theme for the logo design competition was "Touching Lives while Touching the Moon: India's Space Saga." The objective was to create a logo that embodies the spirit of India's space achievements, leaving a lasting impression and enabling clear reproduction across various mediums such as websites, brochures, banners, apparel, and more.

Submission Guidelines:

The public was invited to submit their designs as digital creations in .jpg, .png, or .pdf format to nsd2024@isro.gov.in on or before May 20, 2024.

Evaluation Criteria:

The evaluation criteria were not explicitly mentioned, but the chosen design was expected to resonate with the theme, leaving a lasting impression and enabling clear reproduction across various mediums.

Conclusion:

The logo design competition by ISRO aimed to encourage public participation in the National Space Day celebrations and to create a lasting visual representation of India's space achievements. The selected design will be showcased across various mediums, symbolizing the nation's commitment to space science and its impact on society.

LOGO DESIGN CONTEST



**Participation :10 + States,
10,000 Students and Teachers
Achieved: More than 30000+ Designs**

Power of Collective Creativity

The Logo Design Competition aimed to harness the collective creativity of students and educators to create a visual identity that reflects the spirit of India's space exploration. Over the course of this initiative, participants showcased their artistic talents, resulting in a vibrant array of designs that symbolize our commitment to innovation and discovery.

A Symbol of Commitment

The logos created during this competition serve as powerful symbols of our collective commitment to advancing space exploration and technology in India. Each design represents a unique perspective and contributes to the broader narrative of our nation's journey in space.



Thank You for Your Participation

Thank you to all the students, teachers, and institutions that participated in this exciting initiative. Your creativity and passion are inspiring and demonstrate how collective action can lead to meaningful change. Let us continue to nurture our environment and inspire others through our shared love for space exploration.

Stay tuned for more exciting events and initiatives in the future!

By: @Indiaspaceweek Reports 2024.



Note from India Space Week

India Space Week would like to take a moment to recognize and celebrate the creativity and enthusiasm of all participants in the Logo Design Competition. Your innovative designs and artistic expressions have truly captured the spirit of space exploration and the importance of our shared mission.

Your dedication to showcasing the essence of India's space endeavors through your artwork is commendable. By participating in this competition, you have not only contributed to the visual identity of India Space Week but also inspired others to engage with the wonders of space science and technology.

Each design submitted represents a unique perspective and a step towards a more vibrant and inclusive space community. It's incredible to see how your collective creativity is shaping the narrative around space exploration in India.

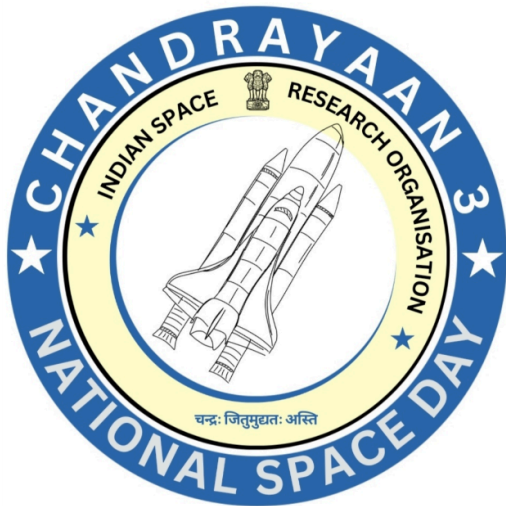
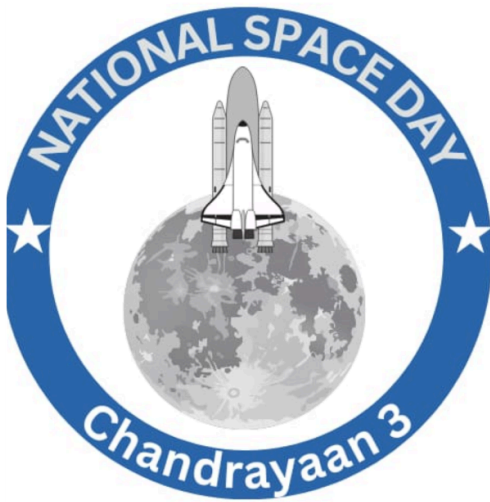
Thank you for being a part of this exciting initiative and for sharing your artistic journey with us. Your participation exemplifies how creativity can drive interest in science and technology. Let's continue to inspire one another and foster a love for space exploration through our art.

Stay tuned for more exciting events and initiatives in the future!

By: @Indiaspaceweek Reports 2024.

GLIMPSES OF SOME DESIGN





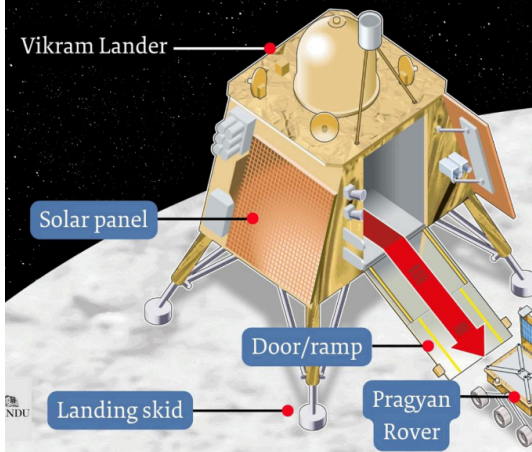


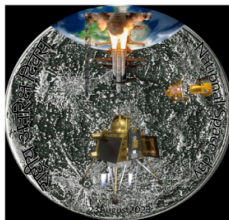
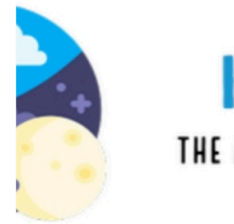
Chandrayaan 3

The lander and rover together have six payloads to study the local properties of the area near moon's South pole

Landing site: Near lunar South pole

100km polar o





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Conclusion

The India Space Week Logo Design Competition has been a resounding success, showcasing the incredible creativity and talent of students and educators across the nation. With participation from over 10 states and 80,000 students and teachers, this initiative has truly captured the imagination of the next generation of space enthusiasts.

The collective efforts of the participants have resulted in the creation of over 3 lakh unique and innovative logo designs. Each logo serves as a symbol of our shared commitment to advancing space exploration and technology in India. The vibrant array of designs submitted reflects the diversity of perspectives and the passion for space science among our youth.

This competition has not only fostered a sense of community and collaboration among schools, colleges, and universities but has also inspired a new generation to engage with the wonders of space. The logos created during this initiative will serve as powerful tools to promote space education and raise awareness about India's achievements in this field.

We extend our heartfelt gratitude to all the participants, teachers, and institutions who made this competition a success. Your dedication and creativity have set a new standard for space-themed logo design competitions. Let us continue to nurture this spirit of innovation and exploration as we work towards a future where India leads the way in space technology and exploration.

Stay tuned for more exciting events and initiatives from India Space Week in the years to come!

By: @Indiaspaceweek Reports 2024

