

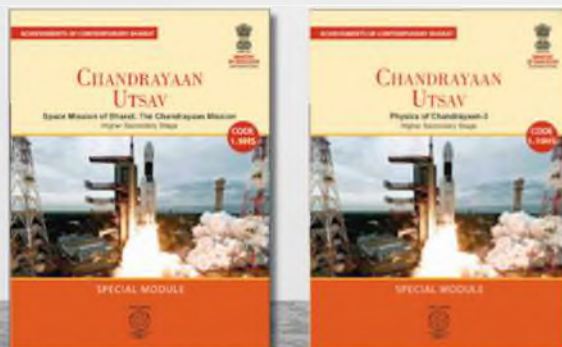
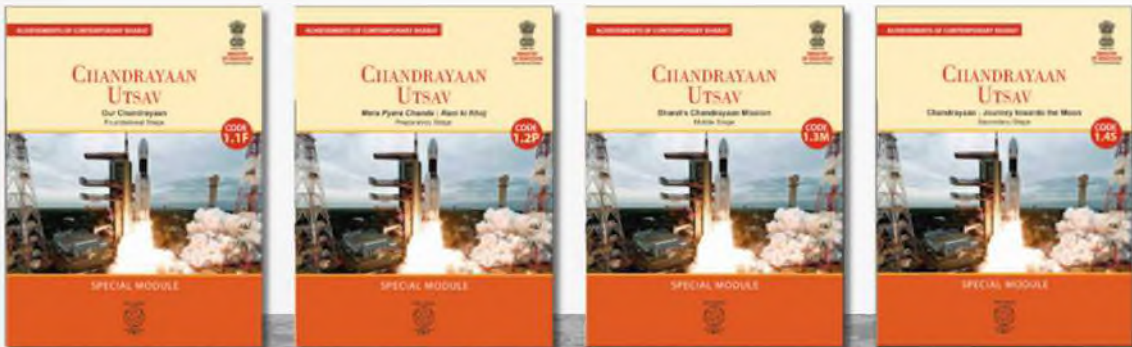


Department of  
School Education & Literacy  
Ministry of Education, Govt. of India

# A REPORT ON NATIONAL SPACE DAY IN SCHOOLS



# Special Modules developed by NCERT on Chandrayaan



SCAN THE QR CODE TO ACCESS THE SPECIAL MODULES

नासदासीन्नो सदासीत्तदानीं नासीद्रजो नो व्योमा परो यत् ।  
किमावरीवः कुह कस्य शर्मन्नम्भः किमासीद्रहनं गभीरम् ॥

- ऋग्वेद नासदीय सूक्तं 10.129

तब शून्य भी नहीं था, अस्तित्व भी नहीं था,  
उस समय न तो हवा थी और न ही उसके पार आकाश था।  
इसे किसने ढका था ? यह कहाँ था ? किसके संरक्षण में था  
क्या तब वहाँ ब्रह्मांडीय जल था, जिसकी गहराई अथाह थी ?

- ऋग्वेद नासदीय सूक्त 10. 129

Then even non-existence was not there, nor existence,  
There was no air then, nor the space beyond it.  
What covered it? Where was it? In whose keeping?  
Was there then cosmic fluid, in depths unfathomed?

- RigVed Nasadiya Suktam 10.129



**THEME OF 2024**

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



# Prime Minister's *Message*



“  
Greetings to everyone on the first National Space Day. We recall with great pride our nation's achievements in the space sector. It is also a day to laud the contributions of our space scientists. Our Government has taken a series of futuristic decisions relating to this sector and we will do even more in the times to come.

**Shri Narendra Modi**

Hon'ble Prime Minister of India

# Education Minister's

# Message



“—

Warm greetings on National Space Day today, with great pride, we remember India's remarkable strides and accomplishments in space. The historic success of Chandrayaan3 is a testament of the prowess of India's scientists. AdityaL1, Gaganyaan and other futuristic missions underscores the relentless pursuit of Indian scientists to push the boundaries of knowledge for humanity. Propelled by Hon'ble PM Narendra Modi ji's visionary space reforms, India is poised to become a global influence in spacefaring with end-to-end capabilities.

—”

**Shri Dharmendra Pradhan**

Hon'ble Education Minister



India's maiden **National Space Day** [NSpD-2024] marks a momentous occasion, themed ***“Touching Lives while Touching the Moon: India's Space Saga.”*** This celebration not only honours the nation's remarkable strides in space exploration but also ignites the imagination of students across the country. The Department of School Education and Literacy (DoSEL), Ministry of Education, has curated an array of activities such as poster making, essay writing, quizzes and model-building that invite young minds to delve into India's extraordinary space achievements. These events aim to inspire and engage students, making them an integral part of India's ongoing space odyssey.

# Bharat Space Mission

India's journey in space exploration has deep roots, dating back to ancient times when cosmic knowledge was recorded in ancient scriptures. However, it was in the 5th century with Aryabhata's contributions that a more precise, mathematical approach to astronomy emerged, steering it away from mysticism and its focus on the calendar. Later scholars like Bhaskara II and Varahamihira advanced these insights, paving the way for modern achievements in space exploration. The influence of the Indian astronomers did not end here, as their space exploration continued to be part of the contemporary astronomers. The Indian National Committee for Space Research (INCOSPAR) was established in 1962, under the leadership of Dr. Vikram A. Sarabhai. The same year, Thumba Equatorial Rocket Launching Station was also established near Thiruvananthapuram. Bharat's Space Quest is one of the oldest in the world and has played a crucial role in national development. Bharat has accomplished 125 spacecraft missions so far, including three nanosatellites and one microsatellite; 94 launch missions; two re-entry missions; 431 foreign satellites belonging to 34 countries; 15 students' satellites; and three satellites realised by Indian private players.

These include 53 Indian satellites in different Low Earth Orbits (LEO) and Geosynchronous Earth Orbits (GEO). Bharat has also launched missions to Mars and the Moon. Recently, Bharat successfully launched Chandrayaan-3 and has become the fourth country in the world to land on the moon, and the first to land the Vikram lander and Pragyan rover near the South Pole of the Moon. Furthermore, on 2 September 2023, Bharat launched the Aditya-L1 mission to study the Sun.

On July 2, 2024, Aditya-L1 spacecraft has completed its first halo orbit around the Sun-Earth L1 point. The Aditya-L1 mission is an Indian solar observatory at Lagrangian point L1, launched on September 2, 2023 and was inserted in its targeted halo orbit on January 6, 2024. This satellite reached its designated place, Lagrange 1 (L1), to remain stable between the Sun and Earth in January 2024. This cosmic exploration resulted in innovations and technological spin-offs that have benefitted the society at large.



## Significance of the Day

India became the fourth country to land on the moon and the first to reach its southern polar region on August 23, 2023. To honour this landmark achievement, Hon'ble Prime Minister Shri Narendra Modi announced August 23 as "National Space Day".

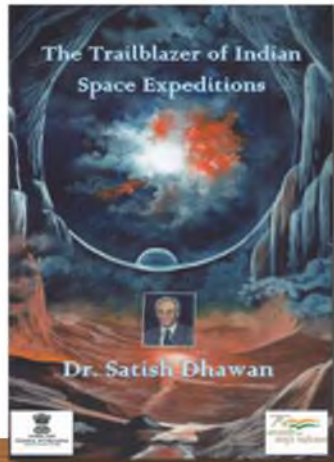
India has celebrated its maiden National Space Day [NSpD-2024] on August 23, 2024 with the theme *"Touching Lives while Touching the Moon: India's Space Saga."*

A myriad of events unfolded, highlighting India's remarkable achievements in space, profound benefits to the society, and boundless opportunities for people from all walks of life to engage with the Bharat Space Quest. These celebrations culminated into the main event at New Delhi on August 23, 2024.

Source: [www.isro.gov.in](http://www.isro.gov.in)



# Graphic Novels



SCAN THE QR CODE TO ACCESS GRAPHIC NOVELS

## Release of space themed e-magazine

# “Sapnon Ki Udaan”



DoSEL launched its e-magazine, entitled “Sapnon ki Udaan”, developed by NCERT. The e-magazine is an attempt to enhance reading and writing skills in students. As 23rd August 2024 is the first National Space Day, the first issue is a commemorative edition which aims to inspire and educate students about the wonders of space exploration.

The e-magazine has received overwhelming support from the education community, with contributions from students and teachers across CBSE, KVS, NVS and other institutions. We proudly present a selection of these works, showcasing the talent and creativity of our young minds. Developed by NCERT, "Sapnon ki Udaan" aims to enhance reading and writing skills among students. This magazine was made possible with the invaluable support of experts from CBSE, KVS, NVS and NBT. We hope it ignites curiosity, inspires imagination, and deepens your appreciation for India's space journey.



SCAN THE QR CODE TO ACCESS E-MAGAZINE

# ISRO for School Students

Indian Space Research Organisation (ISRO) promotes students' awareness of space programs and technology, aiming to advance social and economic conditions through various programs and STEM education.

## **ISRO STEM Portal**

ISRO offers various activities for interested students to engage in STEM activities connected to space science, technology and application areas.

## **YUVIKA**

YUva Vigyani KAryakram or "Young Scientist Programme" is a sponsored programme organised by ISRO for School Children to impart basic knowledge on Space Technology.

## **UNNATI (UNISpace Nanosatellite Assembly & Training by ISRO)**

It is a training programme on nanosatellite assembly and building for foreign Students/ Engineers/ Scientists/ Officials.

## **IIRS, Dehradun-e-learning Programme**

Indian Institute of Remote Sensing (IIRS), Dehradun is a premier institute primarily focussing on training for GeoSpatial applications.

## **Educational Programmes by CSSTEAP**

UN-OOSA notified India as the host country for establishment of Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP).

## **School Bhuvan - NCERT**

This is the portal that provides map based learning to bring awareness to the students about the country's natural resources, environment and their sustainable development.

## **Student Satellite Programme.**

ISRO encourages student participation in missions and space technology learning to prepare future space scientists, technologists and vendors in the global market.

## **Facility Visits**

ISRO centres facilitates the technical visits to the ISRO facilities on selective days. The colleges need to write to centre focal points for prior appointment with list of students and faculty members.

# Bharat on the Moon

The Bharat on the Moon portal, developed by National Council of Educational Research and Training (NCERT), is a groundbreaking initiative that celebrates India's remarkable achievement in space exploration, particularly the Chandrayaan mission. This portal serves as an educational resource, providing students and educators with comprehensive information about India's lunar missions, space science and technology. It is designed to inspire curiosity and foster a deeper understanding of the scientific and technological advancements that have propelled India to the forefront of global space exploration.

One of the standout features of the Bharat on the Moon portal is its array of special modules. These modules are meticulously crafted to engage students across various age groups, offering interactive content that simplifies complex scientific concepts. They include detailed simulations of lunar missions, informational videos and E-resources of Indian Space Research Organisation (ISRO). Additionally, the portal offers a series of quizzes, games and hands-on activities that encourage active learning and critical thinking. These modules are not only educational but also aim to ignite a sense of national pride by showcasing the ingenuity and dedication of Indian scientists and engineers.

Through the Bharat on the Moon portal, NCERT is providing a dynamic platform that integrates space science into the school curriculum, making it accessible and exciting for all learners.

**9795214**

Visitors on the Bharat on the Moon Portal  
As on 19-09-2024



SCAN THE QR CODE TO ACCESS CHANDRAYAAN UTSAV VIDEO

# A talk by the SCERT / schools with eminent scientists

STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING HARYANA,  
GURUGRAM

Celebration of National Space Day  
WEBINAR SERIES 1.0 EPISODE 10

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

Dated: 23-08-2024  
Time: 12.30 PM

watch it live on  
<https://www.youtube.com/c/eContentbySCERTHaryana>

Sh. Sunil Bajaj  
Director SCERT

Key Speaker  
Dr. Mainik Basu  
Asstt. Professor Physics  
GDGU, Sohna Gurugram

An Initiative of Science Wing SCERT

# NCERT launches Quiz

अपना चंद्रयान

QUIZ

What is the name of Chandrayaan-3's rover and what does it mean?

A Vikram, Meaning- valour

B Aryabhata, Meaning- ancient astronomer

C Pragyan, Meaning- wisdom

D Prithvi, Meaning- earth

Timer 471

Score 0

Next

# A Pan India Glimpse of Astronomical Events





# Engagement Figures

## States & UTs [Students, Teachers, Schools]

States & UTs	Total No. of Schools Participated	Total No. of Students Participated
Andaman & Nicobar Islands	149	32728
Andhra Pradesh	6682	475871
Arunachal Pradesh	2800	171000
Assam	34158	1792151
Chandigarh	126	32092
Chhattisgarh	27926	1079099
Delhi	2669	1206494
Goa	236	38514
Gujarat	23013	1634759
Haryana	212	800
Jammu & Kashmir	9355	395077
Jharkhand	28969	2360195
Madhya Pradesh	7045	221751
Meghalaya	20-25 schools per district	45000
Puducherry	727	197153
Punjab	7233	1943632
Tamil Nadu	675	112023
Uttar Pradesh	5100	641331
Uttarakhand	18818	368331
West Bengal	29689	6327169
<b>Grand Total</b>	<b>322080</b>	<b>25939405</b>

Department of School Education and Literacy, Ministry of Education organised activities on National Space Day in which 25939405 students from 322080 schools participated nationwide.

# Autonomous Bodies

Autonomous Bodies & Educational Institutions	Total No. of Schools Participated	Total No. of Students Participated
Demonstration Multipurpose School, RIE Ajmer, Rajasthan	1	510
Regional Institute of Education, NCERT, Bhubaneswar	1	700
DEMONSTRATION MULTIPURPOSE SCHOOL BHOPAL	1	450
Regional Institute of Education, NCERT, Bhopal	1	550
Navodaya Vidyalaya Samiti	650	256251
	599	196783
	650	192981
	542	190117
	521	95221
	609	189994
Kendriya Vidyalaya Sangathan	1256	619898
CBSE (Central Board of Secondary Education)	3255	3143255
<b>Grand Total</b>	<b>8084</b>	<b>4885560</b>

Department of School Education and Literacy, Ministry of Education organised activities on National Space Day in which 4885560 students from 8084 schools participated nationwide.

## SCERTs & DIETs

States & UTs	Total No. of DIETs/SCERTs Participated	No. of Participation
Andhra Pradesh	11	660
Arunachal Pradesh	11	1000
Goa	1	100
Gujarat	22	8643
Haryana	2200	22000
Jammu and Kashmir	20	800
Jharkhand	24	1256
Ladakh	1	100
Manipur	9	494
Mizoram	2	700
Nagaland	8	320
Punjab	22	321
Sikkim	3	300
<b>Grand Total</b>	<b>2334</b>	<b>36694</b>

Department of School Education and Literacy, Ministry of Education organised activities on National Space Day in which 36694 students from 2334 DIETs/ SCERTs participated nationwide.

# Media Coverage

## Social Media

**National Bal Bhavan**  
@nbbdelhi

#NBB students highlighted the advancement that our country has made in space science & research through moon rover model making activity as a part of National Space Day celebrations.  
@EduMinOfIndia



9:33 PM · Aug 15, 2024 · 582 Views

**PM SHRI SCHOOL JAWAHAR NAVODAYA VIDYALAYA UDUPI**  
@jnv\_udupi

National Space Day Quiz conducted in PM SHRI JNV UDUPI for commemoration of successful landing of Chandrayan -3



12:38 PM · Aug 21, 2024 · 262 Views

**NCERT**  
@ncert

Attention students, pupil teachers, teachers, teacher educators, Principals, Educational Administrators!

🚀 This National Space Day, on August 23, let's celebrate with the theme "Touching Lives While Touching the Moon: India's Space Saga" to instill pride in our collective achievement.

Let's explore the revamped 'Bharat on the Moon' portal! Sharpen your intellect and nurture your creative talents through participation in diverse activities - Art Connect, Picture Puzzles, Picture Builders, Quizzes, Graphic Novels, Special Modules, etc - on the #BharatOnTheMoon Portal.

📱 Click and discover the universe of knowledge now:  
[bharatonthemoon.ncert.gov.in](http://bharatonthemoon.ncert.gov.in)

#BharatOnTheMoon #NationalSpaceDay #SpaceExploration  
#Chandrayaan #NCERT #Education #MinistryofEducation  
#EducationForAll #PMeVIDYA #DIKSHA #EducationTransformation  
#Learn #Explore

@EduMinOfIndia  
@cbseindia20 @nicstweet1  
@NVS\_HQ @NVS\_HQ @ncteDelhi  
@ProfSakini  
@srivastava66  
@sp\_behera



Last edited 8:52 PM · Aug 15, 2024 · 5,937 Views

**NVS**  
@NVS\_HQ

As part of #NationalSpaceDay celebration, #PMSHRI JNV Mahe hosted a "One-day Workshop & Exhibition on Space Technology" on the theme "Touching Lives While Touching the Moon: India's Space Saga". The event highlighted #ISRO's incredible space achievements and inspired young minds.



4:14 PM · Aug 20, 2024 · 432 Views

**Jawahar Navodaya Vidyalaya- Kiphire**  
@jnvkiphire2

Conducting online quiz on "Apna Chandrayaan" at JNV Kiphire  
#MCE #PMO #NVS  
#Klobing



2:26 PM · Aug 21, 2024 · 24 Views



# Media Coverage

## Press Release

Ministry of Education

Shri Dharmendra Pradhan releases inaugural edition of e-magazine 'Sapno ki Udaan' on virtual platform on National Space Day to commemorate 1st anniversary of landing of Chandrayaan-3

Inaugural issue of the e-magazine & all subsequent issues shall be available online for readers on the NCERT portal

Posted On: 23 AUG 2024 7:16PM by PIB Delhi

On the occasion of India's National Space Day, Department of School Education & Literacy, Ministry of Education in collaboration with NCERT released an e-magazine 'Sapno ki Udaan' to commemorate the 1st anniversary of the landing of Chandrayaan-3 on the lunar South Pole.

Union Minister of Education, Shri Dharmendra Pradhan released the inaugural edition on a virtual platform. The launch program was also virtually graced by Shri Jayant Chaudhary, Minister of State for Education.



During the virtual launch of the e-magazine 'Sapno Ki Udaan', the Minister of Education, Shri Dharmendra Pradhan in his message, hailed the launching of the e-magazine and said this will fulfil the recommendations of the #NEP2020 of making education accessible, and equitable, making the students ready for the global challenges of the 21st Century. He also said the current theme of the magazine 'space' resonates with the vastness of the imagination of our children.

Shri Jayant Chowdhury, Minister of State (Independent Charge) for Skill Development & Entrepreneurship & Minister of State for Education in his message mentioned how the day has provided the perfect backdrop for celebrating the country's scientific achievements. He also said this effort would inculcate in our students a spirit of scientific temper.

While unveiling the inaugural issue, Shri Sanjay Kumar, Secretary of the Department of School Education and Literacy, noted that the e-magazine is a fascinating mix of poetry, essays, stories, anecdotes, and riddles given by students, teachers, and parents from around India. He stated that, as of now, the e-magazine is on a quarterly basis, but in due course of time, it will become monthly.

The event was also attended by Shri Vipin Kumar Additional Secretary, Prof. D.P. Saklani, Director, NCERT, Shri. Rahul Singh, Chairperson CBSE, Ms. Prachi Pandey Joint Secretary, Ministry of Education Prof. Saroj Sharma, Chairperson NIOS, Prof. Jyotsana Tiwari, NCERT and other senior officials of the Ministry.

The other dignitaries present also expressed their satisfaction at the launch of the quarterly e-magazine at such an opportune moment and were optimistic that the collaboration of all stakeholders would result in an output which would be beneficial for everyone in the long run.

The inaugural issue of the e-magazine and all subsequent issues shall be available online for all readers on the NCERT portal( e-magazine link PDF : <https://ncert.nic.in/pdf/announcement/SapnoKiUdaan.pdf> and Flipbook : <https://ncert.nic.in/flipbook/SapnoKiUdaan/#page=1>.

\*\*\*\*



सत्यमेव जयते

**Department of  
School Education & Literacy**  
Ministry of Education, Govt. of India