

AUGUST 2024

India's Space Sector: New Frontiers



MANN KI BAAT

Prime Minister Narendra Modi's Address to the Nation



CONTENTS

01	Prime Minister's Address	1
02	Featured Stories	
2.1	National Space Day: Honouring India's Cosmic Journey	14
2.2	From Waste to Wealth: A Blueprint for Sustainability	22
2.3	World Sanskrit Day: Sanskrit Embodies the Welfare of Society	38
2.4	Fit India Movement: Towards Achieving the Goal of a Healthy and Glorious India	44
03	In Brief	
3.1	Cosmic Explosion of Interest In Space	18
3.2	Start-ups Leading India's Sustainable Revolution	26
3.3	Poshan Maah: Sowing Seeds of Health	36
3.4	Celebrating Telugu: A Legacy of Language and Culture	48
3.5	Revolutionizing Wildlife Protection	52
04	Articles/Interviews	
4.1	India: Marching into space - Sandhya Venugopal Sharma	20
4.2	Accelerating Circularity Through 'GOBARdhan' Initiative Jitendra Shrivastava	28
4.3	Poshan Bhi, Padhai Bhi - Dr. Rita Patnaik	32
4.4	Growing influence of Sanskrit in the world Prof. Srinivas Varkhedi	41
4.5	Hoolock Gibbons of Barekuri, Tinsukia - Swapneel Paul	50
05	Media Scan	55

Prime Minister's Address



My dear countrymen, Namaskar

My dear countrymen, Namaskar. All my family members are welcome once again in 'Mann ki Baat'.

Today, once again, we will touch upon the accomplishments of the country and the collective efforts of the countrymen. A lot is happening in Bharat of the 21st century that is strengthening the foundation of a developed Bharat. For instance, on the 23rd of August, the countrymen celebrated the first National Space Day. I do believe that all of you must have celebrated this day, once again celebrating the success of Chandrayaan-3. **Last year, on this day, Chandrayaan-3 had made a successful landing on the southern part of the moon at the Shiv-Shakti point. India became the first nation in the world to achieve this pride-filled accomplishment.**

Friends, the youth of the nation has also benefitted a lot from the space sector reforms. That's why in today's 'Mann ki Baat', I thought, why not speak to some of our young friends associated with the space sector. A team from space tech

start-up GalaxEye is connecting with me now. This start-up was launched by the alumni of IIT-Madras. Suyash, Denil, Rakshit, Kishan and Pranit—all of them are now connected with us on the phone line. Come, let's know about the experiences of these youngsters.

Prime Minister: Hello!

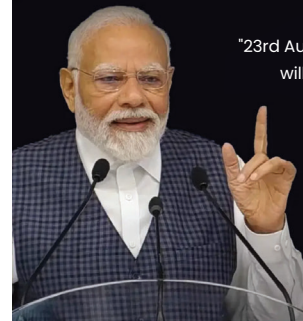
All youngsters: Hello!

Prime Minister: Namaste ji!

All youngsters: Namaskar Sir!

Prime Minister: Well friends, I feel very happy to see that your friendship during IIT-Madras is still going strong. This is the reason that you thought of starting GalaxEye together. I want to know about that subject too. Tell us about that. Also tell us how the country is going to benefit from your technology.

Suyash: Yes sir, my name is Suyash. As you said, we all met, all of us met at IIT-Madras. We all studied there during different years, did our Engineering, and at that time we thought about a project named Hyperloop, that's what we wanted to do together. During that time we started a team named Avishkar Hyperloop, we took that to



"23rd August, the day when India hoisted tricolour on the moon, will henceforth be celebrated as National Space Day"

- PM Modi, ISRO Centre, Bengaluru

INDIA'S SPACE SAGA ..





Treasuring the memory of Chandrayaan-3's historic moon landing

America as well. That year, ours was the only team from Asia that went there and waved our national flag there. And we were among the top 20 teams out of around 1500 teams from around the world.

Prime Minister: Well, before going further, let me first congratulate you for this.

Suyash: Many, many thanks to you sir. Our friendship forged deep during that achievement and built our confidence to take up difficult and tough projects like this one. During that time, after looking at SpaceX and what you opened up, privatisation in the space sector in 2020, in that landmark decision, we got pretty excited about that. And I would like to invite Rakshit to speak on what we are building up and what its uses are.

Rakshit: Ji, my name is Rakshit, and I will answer about how we are going to be benefitted with this technology.

Prime Minister: Rakshit, where in Uttarakhand are you from?

Rakshit: sir, I am from Almora.

Prime Minister: So you are a Baal Mithhaai wala!

Rakshit: Yes sir, yes sir, Baal Mithhaai is our favourite.

Prime Minister: You know

Lakshya Sen, he regularly treats me with this sweet. Yes Rakshit, tell me.

Rakshit: So this technology of ours can see through the clouds into the universe even during the night, so daily we can click a clear image of our country from any corner of the country. **And that data we will use to work in the development of two areas; the first is to make India very safe; we will daily monitor our borders, our oceans and seas. We will monitor the enemy's activities and provide intelligence to our armed forces. And the second is to strengthen the farmers of Bharat. So we have already developed a product for the prawn farmers of Bharat that can measure the water quality of their ponds from space at one-tenth of the current cost. And in future we wish to generate the best quality satellite images for the world in the fight against global issues like global warming; we wish to provide the best quality satellite data to the world.**

Prime Minister: This means your team will echo the essence of Jai Jawan as well as Jai Kisan too.

Rakshit: Yes sir, absolutely.

Prime Minister: Friends, you

are doing such good work. I would also like to know about the magnitude of the precision of this technology.

Rakshit: Sir, we can reach a resolution of less than 50 cm. We'll be able to image approximately more than 300 square kilometres at one time.

Prime Minister: So, I feel that when our countrymen hear this, they will feel very proud. But I would like to ask one more question.

Rakshit: Yes sir!

Prime Minister: The space ecosystem is becoming very vibrant. Now, what changes are being observed by your team?

Kishan: My name is Kishan. After the start of GalaxEye we have seen the coming in of IN-SPACE (Indian National Space Promotion and Authorisation Centre). **Also, we have seen lots of policies coming, like the 'geo-spatial data policy' and India Space Policy. Also, from the last 3 years, we have seen many changes coming... Along with many processes, a lot of infrastructure, and many facilities of ISRO are available in a very nice way, like we can go to ISRO and do testing of our hardware. This can now be done in a very easy way. Three years ago, these processes were**





Sky's Not the Limit

Start-ups Shaping India's Space Journey

not there, and this has been very helpful for us and also for many other start-ups. Also, because of recent FDI policies and the availability of these facilities, many start-ups are getting enough incentives, and such start-ups can very easily and in a very nice way develop, in a field where usually development is very costly and time consuming. Since the advent of current policies and IN-SPACe things have been easy for start-ups. My friend Denil Chawda would like to speak on this.

Prime Minister: Denil, tell me.

Denil: Sir, we have observed one more thing; we have seen a change in the thinking of engineering students. Previously they preferred going abroad to pursue higher studies and work there in the space domain, but now since a very good space ecosystem is developing very well in India, they want to come back to India to be part of this ecosystem. So this is very good feedback we have received, and in our own company some people have returned and started working because of this.

Prime Minister: I feel that the aspects you two, Kishan and Denil, have touched upon, and I definitely feel many people might not have noticed how reform in one field has multiple effects... Many people are benefitted... And as per your description, because you are from this field, you must have noticed and also observed that the youth of the country aspire to try their future in this field here itself, and utilise their talent. Yours is a very good observation.

One more question I would like to ask is, what message would you like to give to those youth who want to achieve success in start-ups and the space sector.

Pranit: Sir, I am Pranit speaking, and I will answer the question.

Prime Minister: Yes Pranit, tell me.

Pranit: Sir, I would like to say two things from my experience of a few years. Firstly, if we want to establish a start-up, then this is the opportunity because today India has the fastest-growing economy in the world, which means that we have a lot of opportunities...

Pranit: ...like at the age of 24, I feel proud thinking that next year we will launch our own satellite. Based on that, our government will take a few major decisions, and we have made a small contribution in this. To get to work for such projects of national impact, this is such an industry and such a time, given that today the space industry is commencing. So, I would like to tell my young friends this is the opportunity not just for impact but also for self-financial growth and to solve a global problem. So we talk to each other that when we were young we used to say that we will become actors, sportsmen when we grow up... things like that, but now if we listen to somebody saying that I want to become an entrepreneur, work in the space industry after growing up, this is an extremely proud moment that we are playing a small part in this whole transformation.

Prime Minister: Friends, Pranit, Kishan, Denil, Rakshit and Suyash—in a way, your start-up is as strong as your friendship. That's why you are doing such wonderful work. I had the opportunity to visit IIT-Madras a few years ago, and I myself experienced the excellence of that institute. Also for IIT, there is a feeling of respect in the whole world, and their passouts, when they work for India, definitely contribute something good. Many good wishes to all of you and other start-ups working in the space sector. I really liked talking to all five of you. Thanks

a lot, friends.

Suyash: Thank you so much!

My dear countrymen, this year from Red Fort, I have urged one lakh youth who are not from a political background to connect with the political system. This point of mine has garnered tremendous response. We thus come to know that a large number of our youth are eagerly ready to enter politics. All they are looking for is the right opportunity and apt guidance. I have also received letters from youth across the country on this subject. An enormous response is being received on social media as well. People have sent me many kinds of suggestions. Some youth have written in their letters that it is truly inconceivable for them. On account of the absence of a political legacy on the part of their grandfather or parents, they could not enter politics despite wanting to. Some youth have written that they possess a good experience of working at the ground level. Hence, they can be helpful in solving people's problems. Some youth have also written that dynastic politics crushes new talent. Some youth have mentioned that such efforts will lend more strength to our democracy. I thank each and everyone for sending in suggestions on the subject. I hope that now, with our collective efforts, youth who do not possess a political background will also be able to come forward in politics. Their



experience and their fervour will prove useful for the country.

Friends, even during the freedom struggle, many such people had come forward who did not have any political background. They took the plunge for the sake of India's freedom. Once more, we require the same spirit to attain the goal of Viksit Bharat. I shall urge all my young friends to positively join this campaign. This step of yours will be transformative in terms of your future and the country's future.

My dear countrymen, this time, the campaigns 'Har Ghar Tiranga' and 'Poora Desh Tiranga' attained their full height. Amazing pictures connected with the campaign from all over the country have come to the fore. We saw the tricolour fluttering atop houses, as well as at schools, colleges and universities. Some people had

the tricolour adorn their shops, offices... people also did the same on their desktops, mobiles and vehicles. When people join hands to express a sentiment, it thus lends unparalleled glory to any campaign. The visuals that you are watching... are from Reasi in Jammu and Kashmir.

A Tiranga rally bearing a 750-meter-long flag was organized...This rally was taken out on the Chenab Railway Bridge, the tallest in the world. Whoever viewed these pictures, their hearts swooned with delight. **We all saw captivating pictures of the Tiranga Yatra on the Dal Lake in Srinagar. A yatra with a 600-foot-long Tiranga was carried out in East Kameng District of Arunachal Pradesh.** On similar lines, in other states of the country as well, people of all ages participated in such Tiranga Yatras. You too must have experienced that Independence Day is now

turning into a social festival. People festoon their homes with tricolour strands. Women connected with self help groups craft lakhs of flags.

On e-commerce platforms, items coloured in the hues of the tricolour witness a surge in sales. **On the occasion of Independence Day, all three colours of our flag were visible in every nook and corner across the country—on land, sea and air! On the website of 'Har Ghar Tiranga', more than five crore selfies were posted. This campaign wove the entire country into a thread of togetherness, and this exactly is what Ek Bharat Shreshth Bharat is.**

My dear countrymen, you must have seen many films based on the bond of love between human beings and animals. But these days, a real story is coming up from Assam. **In a tiny village, Berekuri, in Tinsukia district of Assam,**

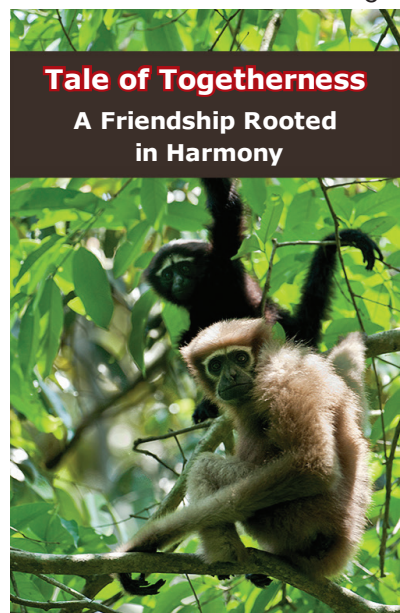
people belonging to the Moran community reside there. And in the same village dwell the Hoolock Gibbons...There they are called 'Holo Bandar'. Hoolock Gibbons have made this village their abode. You will be surprised to know—the people of this village share a deep bond with the Hoolock Gibbons. Villagers adhere to their traditional values in the present times as well. That's why they left no stone unturned to strengthen their bonds with the gibbons. When they realised that Gibbons love bananas a lot, they started growing bananas on their farms. Besides, they decided that they would perform rituals connected with the birth and death of Gibbons, exactly as they would have performed for their near and dear ones. They have also named the Gibbons. Recently, the Gibbons were facing hardships on account of electric wires passing through in the vicinity. In this scenario, the villagers put forth the problem to the government, and a quick



solution was found out too. I have been told that now these Gibbons also pose for pictures.

Friends, in terms of love towards animals, our young friends from Arunachal Pradesh too are second to none. **Some of our young friends in Arunachal have started using the 3-D printing technology. Do you know why? Because they want to protect wild animals from being hunted for their horns and tusks...** Under the leadership of Nabam Bapu and Likha Nana, the team undertakes 3-D printing of various parts of animals. Be it horns or teeth, all of those are crafted through 3-D printing. They are then made into items such as apparel and headgear. This is an amazing alternative that makes use of biodegradable material.

No amount of praise for such fabulous efforts is enough.



I would like to say that more and more start-ups should come forward in this field so that our animals stay protected and traditions continue.

My dear countrymen, in Jhabua, Madhya Pradesh, something splendid is taking place that you should certainly know about. There, our sanitation worker brothers and sisters have performed a marvellous task. **These brothers and sisters have shown us the essence of the message of waste-to-wealth turn into reality. In a park at Jhabua, this team has created wonderful artworks out of garbage. For this endeavour of theirs, they collected plastic waste, used bottles, tyres and pipes from the neighbourhood. Included in this artwork are helicopters, cars and cannons. Beautiful hanging flower pots too have been crafted. Here, used tires have been turned into comfortable benches. This team of sanitation workers has adhered to the mantra of reduce, reuse and recycle.** Owing to their efforts, the park has started appearing remarkably beautiful. Apart from local residents, people living in neighbouring districts too are reaching there to have a look.

Friends, I am happy to note that today, many start-ups in our country too are involving themselves in efforts with an aim to promote the environment. There is a team called econscious that is using plastic waste to craft eco-friendly



products. This idea struck them on seeing litter spread around at our tourist places, especially in hilly areas. A team comprising of like-minded people has begun a start-up named EcoKaari. They produce myriad beautiful items out of plastic waste.

Friends, toy recycling is another such field where we can work together. You too are aware of the fact that whereas many children get bored of their toys within no time, there are children as well for whom such toys are a pipe dream. Toys that your children no longer play with, you can give them away to people where they continue to be useful. That too, is a good path towards protecting the environment. When we strive together, it will certainly strengthen the environment, taking the country forward.

My dear countrymen, just a few days ago, on the 19th of August, we celebrated the festival of Rakshabandhan. **On that very day, World Sanskrit Day was celebrated globally. Even today,**

a special inclination towards Sanskrit can be observed within the country and equally the world over. In many countries of the world, a variety of research and experimentation is being carried out in the realm of the Sanskrit language. Before I move further, I am playing to you a short audio clip:



Friends, this audio is connected with a European country, Lithuania. Vytyis Vidūnas, a professor there, has embarked upon a unique endeavour...He has named it Sanskrit On The Rivers. A group comprising a few people came together on the banks of the Neris river and performed recitation of the Vedas and the Gita there. Such endeavours have been continuing there over the past few years. You too should try and bring forward such efforts that promote the Sanskrit language.



NUTRITION FOR ALL

FUELING A HEALTHIER TOMORROW

My dear countrymen, fitness is extremely important in our lives. To be fit, we have to keep paying attention to our diet, our lifestyles... everything. In order to make people aware of fitness, the Fit India campaign was launched. For the sake of staying healthy, people are embracing yoga, irrespective of age or class. People have started according a place to superfood millets, also known as Shree Anna, in their thalis. The objective behind all these efforts is precisely to ensure that every member of the family stays fit and healthy.

Friends, our family, our society and our country—including their future—depend on the health of our children... and for the sake of their health, it's imperative that they keep receiving adequate nutrition. Children's nutrition is a priority for the country. In fact, we pay attention to their nutrition during the entire year, but there is one particular month that is dedicated to focus especially on this matter. For this, every year, Nutrition Month is celebrated from the 1st of September to the

30th of September.

In order to enhance awareness on nutrition, nutrition fairs, anaemia camps, home visits for newborn babies, seminars, webinars... many such means are made use of. At numerous places, under the aegis of Anganwadi, mother-and-child committees have been established. **This committee tracks malnourished children, pregnant women and newborn babies; it continuously keeps monitoring them, ensuring arrangements for their nutrition. Last year, the Poshan Abhiyan was linked with the New Education Policy. Through the campaign Poshan Bhi, Padhai Bhi, balanced development of the children has been focused upon.** You too should certainly connect yourselves with campaigns pertaining to awareness about nutrition. A tiny effort on your part will again help a lot in the fight against malnutrition.

My dear countrymen, that's all this time in 'Mann ki Baat'. Conversing with you in 'Mann ki Baat' always fills me up with a lot of joy. It feels like I am

sharing my thoughts with my family members in an informal manner—that I am connecting with your hearts! Your feedback and your suggestions are extremely valuable for me. Many festivals are around the corner. For them, I extend many greetings to all of you.

There is the festive occasion of Janamashtami as well. In the beginning of next month, Ganesh Chaturthi too is there. The festival of Onam is also about to arrive. I extend my greetings on Milad-Un-Nabi also.

Friends, this month on the 29th is Telugu Bhasha Diwas, as well. It's truly an amazing language. I extend good wishes to Telugu speakers across the world on Telugu Bhasha Diwas.

**Prapanch Vyaaptanga Unn
Telugu Variki
Telugu Bhasha Dinotsav
Shubhaakaankshalu**

Friends, I shall urge you once again to take precaution in the rainy season...and along with that, be part of the Catch the Rain Movement...I would also like to remind all of you of the Ek Ped Maa Ke Naam campaign. Plant more and more trees and urge others also to do so. In the next few days, the Paralympics are about to begin in Paris. Our divyang brothers and sisters have reached there. 140 crore Indians are cheering for our athletes and players. You too also encourage our players with #Cheer4Bharat. We will again connect next month and discuss a lot of subjects. Till then, I take leave of you.

Many thanks, Namaskar.

Scan the QR code to listen to 'Mann ki Baat'.





MANN KI BAAT

Special Mentions by Prime Minister



National Space Day

Honouring India's Cosmic Journey

“ A lot is happening in Bharat of the 21st century that is strengthening the foundation of a developed Bharat. For instance, on the 23rd of August, the countrymen celebrated the first National Space Day. I do believe that all of you must have celebrated this Day; once again celebrating the success of Chandrayan-3. Last year, on this day, Chandrayan-3 had made a successful landing on the southern part of the moon at the Shiv-Shakti point. India became the first nation of the world to achieve this pride filled accomplishment. Friends, the youth of the Nation has also benefited a lot by the Space Sector reforms. ”

–Prime Minister Narendra Modi
(in 'Mann ki Baat' address)

“India's Space sector is currently experiencing a transformative period, driven by a combination of strategic vision and technological advancements. The past five years have seen significant changes, including the implementation of the Space Sector Reforms and the introduction of the New Education Policy.”

–Sandhya Venugopal Sharma
Additional Secretary,
Department of Space,
IN-SPACe

A country which started from modest beginnings has today become one of the major players in the global space community. National Space Day was observed on August 23, 2024 to honour the past, present and future of space endeavours.

With the theme, 'Touching lives, while touching the moon', the event held at Bharat Mandapam, centered on India's commitment to harness space technology for the good of the society.

Events such as logo design competition, essay competition, drawing and painting - colouring, space costume event and space fashion show competition were organized as part of India Space Week celebrations across 1000 space related institutions, the largest network in India.

A smartphone astro-photography workshop, too, was conducted by India Space Week, as part of its Space Science Awareness Programme.

India's space programme is punctuated with remarkable

milestones. From communication satellites that connect remote areas, earth observation satellites for disaster management, to innovations that will have applications in national security, space technology increasingly continues to be a part of India's development strategy.

Under the visionary leadership of Prime Minister Shri Narendra Modi, the Government of India has initiated groundbreaking reforms in the space sector. These reforms are aimed at promoting and advancing space education, research and development in our country.

ISRO has played a pivotal role

DID YOU KNOW?

Out of 424 foreign satellites launched till date by India, 389 were launched in the last nine years of the government headed by Prime Minister Narendra Modi.



in India's space journey, not just in launching satellites and space missions but also in ensuing economic innovations.

The establishment of Indian National Space Promotion and Authorisation Centre (IN-SPACe) is a step towards encouraging private participation by inviting Indian companies to build and manage a space-based Earth Observation Satellite system, drawing inspiration from the American model. This move aims to create a sustainable and





DID YOU KNOW?

The Space Sector of India, headed by the future-focused Prime Minister Modi, earned 2060 crore rupees (223 million euros) during these 9 years, out of the 2367.8 crore rupees (256 million euros) earned so far.

cost-effective ecosystem for satellite design, launch and data processing.

Liberalisation of FDI policies allowing upto 100% foreign investment will further bolster the technological prowess of the sector and promote innovation.

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 in the global space market, which is expected to create numerous jobs and stimulate economic development in related sectors.

The reforms lay stress on the need to innovate, hence, the shift in ISRO's focus from operational systems to advanced space technologies will allow for the private sector to participate with new age solutions, while

making use of ISRO's facilities for testing at nominal or no cost.

Apart from making a conducive environment for entrepreneurs in the sector, ISRO offers internships, workshops and educational programmes to hone young minds and encourage them to explore the field of space technology.

India's space journey continues to shine bright. In October 2023, ISRO completed its first uncrewed flight test for India's human spaceflight programme, marking a significant step towards sending astronauts into space. ISRO has also been developing reusable launch vehicle technology to reduce costs and increase the frequency of launches.

With ambitious plans for the future, including manned space missions, lunar explorations and interplanetary probes, the sky is not the limit—it is just the beginning.

National Space Day is a celebration of this spirit of exploration and the relentless pursuit of knowledge that defines India's space programme.

Gear up, as the nation prepares to take off on its space exploration journey, because "ye dil maange more"!

India's first steps to greatness:

ISRO was founded by Dr. Vikram Sarabhai, often known as the Father of Indian Space Programme (1969)

Aryabhata was India's first satellite to go into space (1975).

SLV-13 was the first indigenous satellite launch vehicle (1980).

Chandrayaan-1 (2008) was India's first lunar mission.

Mangalyaan (2013) made India the first Asian nation to reach the Martian Orbit.

Chandrayaan 3 (2023) marked India's historical landing on the Moon's South Pole.

Aditya L-1 Mission is India's first dedicated solar laboratory (2023).

ISRO received the "Indian of the Year Award" in 2024.

The Gaganyaan Mission commemorated India's first uncrewed flight test for the human space flight programme. The mission is expected to be launched in December 2024.

“ The space ecosystem is becoming very vibrant. The youth of the country desire to try their future in this field here itself, and utilize their talent. ”

-Prime Minister Narendra Modi

Cosmic Explosion of Interest in Space

Government reforms have ignited a cosmic explosion of interest in India's space sector. Start-ups, fueled by seed funding and mentorship, are launching into orbit at an unprecedented rate.

These trailblazers are playing with technology, pushing the boundaries of innovation. The future of space is looking brighter than ever, and India is at the forefront. Let's read what they have to say!

pixxel

DIGANTARA

DHRUVA SPACE

18

In 2019, we aimed to build hyper-spectral satellites capable of detecting invisible issues like crop diseases and gas leaks. These high-resolution satellites would offer a unique perspective on Earth. India's first private commercial satellite was the first of three launched. Six more are planned in the coming months, making it the world's first and highest-resolution satellite constellation of its kind.

- Awais Ahmed, CEO, Pixxel



With 8 missions in 26 months, India's space program is on a meteoric rise. Government support has been instrumental. Leveraging cost efficiency and a growing market, India is poised for global dominance. The Startup India initiative provides fertile ground for innovation, funding, mentorship, and networking. Young start-ups have the opportunity to shape the future of technology.

-Krishna Teja Penamakuru, Dhruva Space

India's space tech sector is expanding rapidly. Digantara is dedicated to addressing space sustainability. We're developing a navigation platform to help mitigate the growing issue of space occupancy. It's a great honor to be recognized by Prime Minister Narendra Modi for our efforts.

-Rahul Rawt, Co-founder, Digantara



The government's new space policy offers great opportunities for start-ups and the private sector. ISRO's infrastructure and technology can now be commercialized. This is a chance for our youth to innovate and contribute to India's future. ISRO's 'Antariksh Jijnasa' platform and many other initiatives provide resources for young people interested in space science.

-Dr. Harish Chandra Karnataka
Scientist, ISRO

19

India : Marching into Space



Sandhya Venugopal Sharma

Additional Secretary,
Department of Space, IN-SPACe

As announced by the Hon'ble Prime Minister, 23rd August of every year will be celebrated as 'National Space Day' to commemorate the success of Chandrayaan-3 mission, which accomplished the safe and soft-landing of Vikram Lander on the moon. The landing spot was named as 'Shiv Shakti' point (Station Shiv Shakti).

India celebrated its maiden National Space Day on August 23, 2024 in a grand manner at Bharat Mandapam, New Delhi. The theme selected was 'Touching Lives while Touching the Moon: India's Space Saga.'

As part of the pan-India National Space Day celebrations, the Department of Space coordinated with other Ministries /Start-ups/NGO's/Academia to ensure that celebrations

focused on inculcating a scientific temper amongst our youth and highlighted the achievements and relevance of the space sector in India's growth story. Content developed and posted on social media as part of National Space Day Celebrations has received a significant engagement on social media with 8.37 million views and garnering likes from 5,22,000 viewers. The entire country was divided into 7 zones and zonal events were organized throughout the country and reached out to 2,28,234 students through in-person activities and connected with 5,12,626 individuals virtually via social media platforms.

There is an enabling environment in the Department of Space with programmes like Space Technology Incubation Centre (STIC), Start-up SEED funding programme, Pre-Incubation Entrepreneurship (PIE) development programme, etc., which ignites the fire of entrepreneurship among young minds, empowering them to turn their innovative ideas into reality. This pioneering program provides a platform for aspiring entrepreneurs to access mentorship, funding, networking opportunities, bridging the gap between creativity and commerce. This shift is reflective of India's burgeoning space sector, which is rapidly evolving

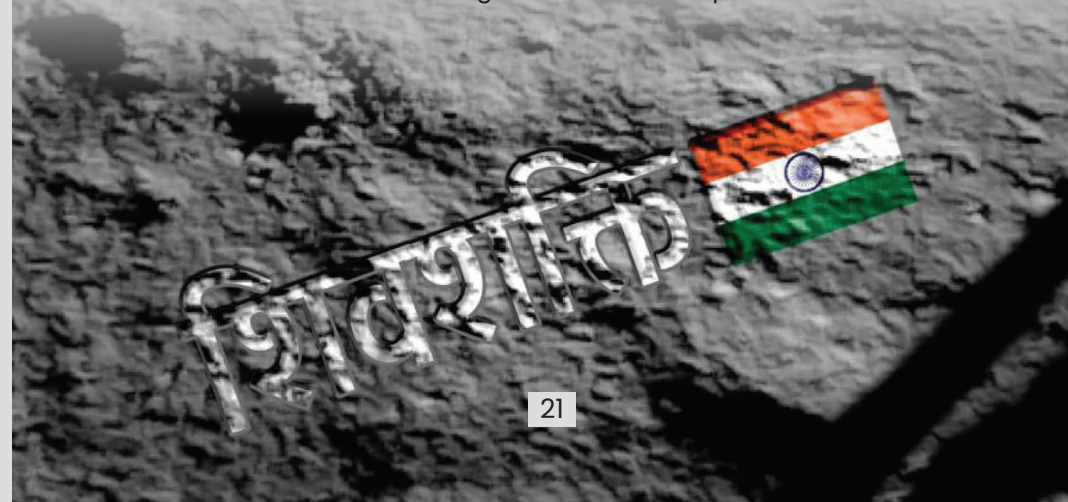
due to strategic reforms and advancements that create a compelling environment for the next generation of scientific talent. Several factors contribute to this trend, including transformative policy changes, increasing opportunities within the country and a global landscape that remains interconnected and dynamic.

India's space sector is currently experiencing a transformative period, driven by a combination of strategic vision and technological advancements. The past five years have seen significant changes, including the implementation of the Space Sector Reforms and the introduction of the New Education Policy. These reforms are designed to modernize India's approach to space exploration and scientific research by integrating private sector capabilities with government initiatives. The establishment of INSPACE (Indian National Space Promotion and Authorisation Center) and NSIL (New Space India Limited) as key components of the Department of Space further underscores the commitment to creating a

competitive and collaborative environment.

Simultaneously, the world is undergoing a technological revolution characterized by advancements in big data analytics, artificial intelligence, quantum technologies and advanced materials. This global technological evolution is creating new opportunities and driving the need for highly skilled scientists and engineers. As a result, young professionals are increasingly finding themselves in a landscape where opportunities within the country are highly valued, providing a broad perspective and exposure to cutting-edge technologies and methodologies.

Transformative policies, a thriving start-up ecosystem, and a commitment to technological advancement are creating a compelling environment for young talent. These scientists contribute to the country's rapid growth and increasing prominence in the global space market. This trend underscores India's potential to become a significant player in the space industry, driven by a new generation of skilled and motivated professionals.



From Waste to Wealth

A Blueprint for Sustainability

“ My dear countrymen, in Jhabua, Madhya Pradesh something splendid is taking place, that you should certainly know about. There, our sanitation worker brothers and sisters have performed a marvellous task. These brothers and sisters have shown us the essence of the message of 'Waste to Wealth' turning into reality. In a park at Jhabua, this team has created wonderful artworks out of garbage. For this endeavour of theirs, they collected plastic waste, used bottles, tires and pipes from the neighborhood. Included in this artwork are helicopters, cars and cannons. Beautiful hanging flower pots too have been crafted.”

–Prime Minister Narendra Modi
(in 'Mann ki Baat' address)

“The GOBARdhan initiative represents a pivotal step in unlocking the vast potential of India's organic waste resources. GOBARdhan will not only contribute to India's ambitious energy targets but also drive long-term environmental and economic sustainability, promoting the motto of 'Atmanirbhar Bharat' and 'Make in India'.”

–Jitendra Shrivastava
Joint Secretary & Mission
Director (GOBARdhan)

India's mission for a cleaner and sustainable future is being driven by the Swachh Bharat Abhiyan and the Waste to Wealth Mission, which aligns with the United Nations Sustainable Development Goals. This initiative focuses on turning waste into valuable resources through science, technology and innovation, contributing to circular economic models.

An example of this transformation can be seen in Jhabua, Madhya Pradesh, where sanitation workers have creatively repurposed discarded materials such as plastic, tires and bottles into stunning art installations in Jhabua Park. They followed the 'Reduce, Reuse, Recycle' principle, using waste to create replicas of helicopters, benches, flower pots and other structures, turning what would have been landfill waste into something visually appealing and beneficial to the community. This project not only beautified the park but also became a local attraction, drawing visitors and promoting sustainability, creativity and community engagement.

At the heart of this effort is the Waste to Wealth Mission which seeks to improve India's waste management system by

validating and implementing innovative technology solutions to reach its goal of a zero-waste, zero-landfill future. To support this, the mission has launched various initiatives across different waste management sectors, including community engagement and the development of an online portal for stakeholders such as urban local bodies, government departments, technology companies and citizens. This platform provides information on waste management technologies, policies and investment opportunities, making it easier for all parties involved to collaborate and drive solutions forward.

The mission also places a strong focus on circular

economy principles, which prioritize keeping resources and materials in circulation for as long as possible. In this model, waste is no longer viewed as something to be discarded but as a valuable resource that can be repurposed. This not only reduces environmental impact but also boosts economic activity by creating new uses for previously discarded materials.

Start-ups and entrepreneurs are playing a crucial role in supporting this vision of a circular economy. Across the country, several new businesses are working to develop innovative methods to recycle waste into useful products. One notable area of success has been the conversion of plastic waste,





which once posed a major environmental challenge, into new materials for public spaces like parks. These initiatives not only contribute to waste reduction but also generate jobs and support the local economy.

The government has taken various steps to reduce, manage and recycle plastic waste, one of the most persistent environmental challenges. Through Plastic Waste Management Rules and public awareness campaigns, efforts have been made to minimize plastic consumption and encourage recycling. By supporting young start-ups and small enterprises focused on sustainability, the government is fostering innovation and creativity to address India's



waste management challenges.

Prime Minister Narendra Modi's vision of a cleaner, greener India is gradually becoming a reality as these innovations take root. Through collaboration between government bodies, private enterprises and local communities, India is making significant strides towards its Waste to Wealth goals. Projects like the Jhabua Park initiative highlight the power of community-driven solutions and the potential for waste to be transformed into wealth. These local actions serve as an inspiring example for other communities to embrace sustainable practices and contribute to a more environmentally conscious future.

India's Waste to Wealth Mission is more than just a government initiative; it's a collective movement that leverages cutting-edge technology, local creativity and community involvement to transform waste into valuable resources. By embracing circular economy principles and supporting innovations in waste management, India is moving towards a zero-waste nation, ensuring both environmental protection and economic growth for future generations.

Zero Waste Practices

- **Reduce** : Only buy what you need.
- **Reuse** : Use what you already have before buying something new.
- **Refuse** : Don't take things you don't need, like freebies, napkins, cutlery, and straws.
- **Repurpose** : Find new uses for things that were once considered waste.
- **Revitalize** : Extend the life of an item by giving it a second life or refurbishing it.
- **Set up recycling bins** : Recycling is a key part of a zero-waste strategy.



Start-ups Leading India's Sustainable Revolution



With a growing focus on sustainability and environmental consciousness, start-ups like EcoKaari and econscious are at the forefront of India's sustainable movement, transforming waste into wealth by upcycling plastic waste into eco-friendly products.

Friends, I am happy to note that today, many start-ups in our country too are involving themselves in efforts with an aim to promote the environment. There is a team called e-conscious, that is using plastic waste to craft out eco friendly products. This idea struck them on seeing litter spread around at our tourist places, especially in hilly areas. A team comprising of like-minded people have begun a startup named Ecokaari. They produce myriad beautiful items out of plastic waste.

said Prime Minister Modi in his 113th 'Mann ki Baat' address

EcoKaari, founded by Nandan Bhat, upcycles plastic waste like discarded plastic bags, food wrappers, and cassette tapes into beautifully handcrafted products like bags, pouches, and home decor using traditional Indian weaving techniques. Their process not only reduces plastic pollution but also provides sustainable livelihoods to marginalized artisans, particularly women.

Nandan Bhat,
Founder of EcoKaari



Sonal & Vaibhav,
Co-Founder – econscious

Being recognized by our Honorable Prime Minister Shri Narendra Modi ji on the esteemed platform of 'Mann ki Baat' is beyond anything we could have ever imagined.

econscious has made a notable impact on local communities, particularly in terms of raising awareness about plastic waste and sustainability. Through our efforts, we've seen a growing understanding of the plastic waste problem, especially among the people we work closely with, like NGOs, housing societies, and corporate partners.

We are proud to have recycled over 350,000 kg of plastic waste and created employment opportunities for more than 20 individuals, both directly and indirectly.



We feel incredibly honoured and proud that PM Modi mentioned EcoKaari on such a widely respected platform as 'Mann ki Baat'. His acknowledgement is a tremendous recognition of the hard work our artisans and team put into upcycling plastic waste, enabling livelihoods for women, and revitalising the Indian heritage of Charkha and Handloom. EcoKaari has upcycled lakhs of kilograms of plastic waste, preventing it from polluting landfills and oceans. Our work turns single-use plastic into durable, functional products, directly reducing plastic waste. Beyond upcycling, we follow a 'Closing the Loop' philosophy. We offer lifetime free repairs for our products to extend their usage and encourage customers to return them at the end of their lifecycle for safe disposal. This ensures that our plastic continues to serve a purpose and is responsibly managed, promoting a circular approach to waste management and sustainability. Our products can be explored at www.ecokaari.org.

Accelerating Circularity Through 'GOBARdhan' Initiative



Jitendra Shrivastava

Joint Secretary & Mission
Director (GOBARdhan)

The Government of India launched Galvanizing Organic Bio-Agro Resources Dhan (GOBARdhan) initiative, an embodiment of Prime Minister Narendra Modi's vision for sustainable development and a circular economy in 2018 under the Swachh Bharat Mission (Grameen), with the aim to harness organic waste while providing monetary benefits to farmers. Subsequently, GOBARdhan 'Waste to Wealth' initiative of the GoI subsumed schemes, initiatives, and programs of over a dozen Ministries and Departments with

similar outcomes, such as the Waste to Energy Scheme of the Ministry of New & Renewable Energy and the Sustainable Alternative to Affordable Transportation (SATAT) scheme of the Ministry of Petroleum & Natural Gas, among others. Leveraging inter-ministerial synergies, the government's implementation mechanism is an ideal convergence for a common goal while partnering with state governments and private entities.

India is endowed with high potential for generation of Biogas/CBG (Compressed Bio Gas) production from various sources. A white paper by Indian Oil Corporation Limited (IOCL) estimates that India has the potential to produce up to 60 MMT of CBG annually, with major sources including animal manure (18 MMT), agricultural residue (12 MMT), and industrial waste (8MMT). Furthermore, Municipal Solid Waste (MSW) generated across the country could alone contribute nearly 2 MMT of CBG each year.

India is rapidly expanding its renewable energy portfolio, targeting 500 GW of non-fossil fuel energy by 2030. States like Punjab, Haryana, Uttar Pradesh have an opportunity to utilize this as a remediation to stubble burning. The agricultural or paddy straw residue can be converted into CBG, while controlling winter smog in Delhi-NCR.

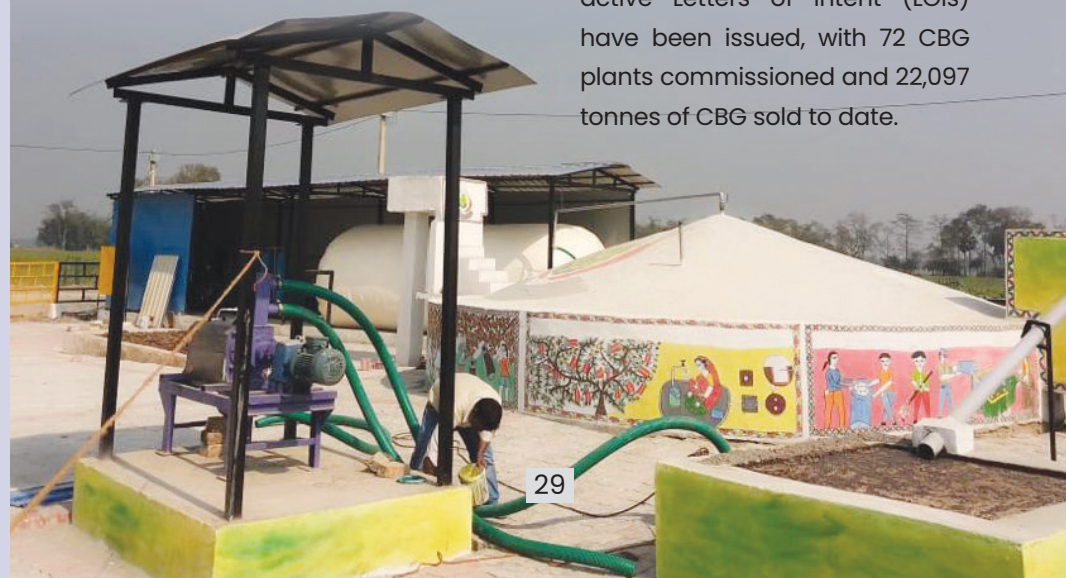
The widening implementation of the GOBARdhan initiative will augment India's transition towards achieving Sustainable Development Goals like affordable and clean energy. Cities such as Indore, Pune, Vishakapatnam, and Hyderabad already boast operational CBG plants. With more than 700 CBG plants registered on the National Portal for GOBARdhan,

the government's initiative has started bearing fruit. Several transformative policies have been launched by different ministries and departments:

Pipeline Infrastructure Funding: The Ministry of Petroleum and Natural Gas provides financial assistance for developing pipeline infrastructure to inject CBG into city gas distribution networks, with a ceiling of ₹28.75 crore per project.

Biomass Aggregation Support: Financial support is available for the procurement of biomass aggregation machinery, covering up to 50% of the procurement cost.

SATAT Scheme: Oil Marketing Companies (OMCs) ensure the offtake of CBG at an assured price of ₹54/kg + GST. As of September 9th, 2024, over 2,212 active Letters of Intent (LOIs) have been issued, with 72 CBG plants commissioned and 22,097 tonnes of CBG sold to date.





Market Development Assistance: The Department of Fertilizers provides financial assistance of ₹1500/MT for marketing of organic manure produced from GOBARdhan plants. Since the operationalisation of the MDA scheme in October' 2023, the CBG proponents have sold close to 1,68,000 MT of carbon rich organic manure while obtaining financial assistance of ₹4 crore from the Government.

Excise Duty Exemption: CBG blended with Compressed

Natural Gas (CNG) enjoys an excise duty exemption, preventing double taxation.

CBG Blending Obligation (CBO): Introduced for CNG (Transport) and PNG (Domestic), with targets set at 1%, 3%, and 5% blending by FY 2025-26, 2026-27 and 2027-28, respectively.

Central Financial Assistance (CFA): The Ministry of New and Renewable Energy (MNRE) provides up to ₹10 crores in CFA per CBG project under its Waste to Energy programme. ₹4 crores per 5 ton of CBG plant is

given. GoI has till date disbursed close to ₹85 Cr of Central Financial Assistance (CFA) to the entrepreneurs running CBG units in the country.

Bio-Slurry Standardisation: The Department of Agriculture and Farmers Welfare has standardized bio-slurry in the Fertilizer Control Order. The Agri-Infra Fund (AIF) offers a 3% interest subvention on loans up to ₹2 crore for CBG plants.

Urban Support: The Ministry of Housing and Urban Affairs provides central assistance of 25% to 50% (depending on the ULB population), capped at ₹18 crore per 100 Times Per Day (TPD) of feedstock.

Unified Registration Portal: Developed by the Department of Drinking Water and Sanitation, this portal streamlines the registration and management of CBG and biogas plants, enhancing access to government schemes.

The GOBARdhan initiative represents a pivotal step in unlocking the vast potential of India's organic waste resources. GOBARdhan will not only contribute to India's ambitious energy targets but also drive long-term environmental and economic sustainability, promoting the motto of 'Atmanirbhar Bharat' and 'Make in India'.



Poshan Bhi, Padhai Bhi



Dr. Rita Patnaik

Joint Director (ECCE)
National Institute of Public
Cooperation and Child
Development (NIPCCD)

Ensuring equitable growth for all in India's 'Amritkaal' depends on the holistic development of our children. A special initiative – 'Poshan Bhi, Padhai Bhi (PBPB)' – a part of the Saksham Anganwadi and Mission Poshan 2.0 Scheme of the Ministry of Women and Child Development, holds the power to shape the future of the nation. This initiative focuses on not only improving nutrition but also ensuring quality early childhood education.

Close to 13.9 lakh operational

Anganwadi centres across the country are providing supplementary nutrition and early care and education to around 8 crore beneficiary children under the age of 6 years, making it the largest public provisioning of such services in the world. Considering the fact that 85% of brain development is achieved by the age of 6 years, the Anganwadi eco-system becomes a critical access point for building a foundation for our children.

PBPB is a path-breaking Early Childhood Care and Education (ECCE) program to ensure that India has a high-quality pre-school network with well-trained Anganwadi workers which is in alignment with the National Education Policy (NEP) 2020.

A two-tier training implementation model is being followed throughout the country for training of functionaries of the Anganwadi Services Scheme under Saksham Anganwadi and Mission Poshan 2.0. Tier 1 involves two days of training of State Level

Master Trainers (SLMTs). Tier 2 involves a 3-day training of Anganwadi Workers (AWWs). Up to September 11, 2024, 15748 SLMTs have been trained under Poshan Bhi Padhai Bhi program in 475 districts of 34 states, and 11643 Anganwadi Workers have been trained in 75 districts of 13 states. All Anganwadi workers are to be trained by 2025, and the Ministry has allocated funds to the tune of ₹476.06 crores for FY 2023-24, 2024-25 and 2025-26 for training.

PBPB reiterates the multi-faceted benefits of play contributing significantly to the holistic development of a child, ensuring that knowledge acquired through play becomes a lasting part of the child's experience. It aims to target children's development in every domain mentioned in the National Curriculum Framework—Foundational Stage 2022, viz., physical and motor development, cognitive development, socio-emotional-ethical



development, cultural/artistic development, and the development of communication and Foundational Literacy & Numeracy (FLN).

BBPB advocates for a play-based, joyful, activity-based learning pedagogy, targeted specifically at developmental milestones of 0-3 year old children as well as 3-6-year old children, including special support for *Divyang* children. It also advocates using simple

teaching-learning material and indigenous toys that are locally sourced and culturally acceptable.

The focus of this initiative is on two key aspects: early stimulation for children aged 0-3 years and ECCE for children aged 3-6 years, including children with special needs. Two important documents launched by the Ministry of Women and Child Development (MWCD) guide this training of BBPB. The first



document, Navchetana, aims to holistically develop children from birth to three years through 140 age-specific activities in the form of a 36-month stimulation activity calendar. These activities help the child to achieve the developmental goals of that age. It also emphasizes screening and inclusion of *Divyang* children, 'Garbh Sanskar' (practices during pregnancy) and maternal mental health.

The second document is Aadharshila, the National Curriculum for Early Childhood Care and Education for children aged three to six years. This curriculum is a blend of Indian and international research, promoting joyful, play-based learning. It provides over 130 activities that foster child-led and educator-led learning, both indoors and outdoors. Through

this, we aim to provide children with a strong foundation for lifelong learning and fully prepare them for primary education.

Together, Aadharshila and Navchetana will bring a revolutionary change in how we approach early childhood care and education in our country. To ensure seamless implementation, we will leverage technology through the Poshan Tracker, which will deliver digital nudges and guidance to Anganwadi workers just in time.

Our dream of a strong, self-reliant India begins with providing our youngest citizens with the best possible start. Through Poshan Bhi, Padhai Bhi, we are sowing the seeds of a brighter, healthier and educated future for India, ensuring the dream of 'Viksit Bharat' through 'Har Bacche Ka Vikas.'

Poshan Maah

Sowing Seeds of Health

India has been taking significant strides in promoting child health and nutrition, recognizing that the well-being of future generations depends on a strong foundation of nourishment and care. September, designated as Rashtriya Poshan Maah, is dedicated to intensifying efforts to raise awareness and take concrete actions to tackle malnutrition.

Honourable Prime Minister Narendra Modi, in his 'Mann ki Baat' address, emphasized the critical role of child nutrition in shaping the future of families, society, and the nation. This month-long initiative, running from September 1st to 30th, brings a focused push on child and maternal nutrition through various activities across the country.

According to the NFHS-5, stunting among children under five has reduced from 38.4% in 2015-16 to 35.5% in 2019-21, reflecting the gradual impact of government efforts like Poshan Abhiyan.

While the month-long campaign brings concentrated efforts, the focus on child and maternal nutrition continues through various government schemes such as the Mid-Day Meal Scheme, Integrated Child Development Services (ICDS) etc. The government's relentless drive towards a malnutrition-free India is not just about solving a health issue; it is about sowing the seeds of a healthier, stronger, and more productive future.

Government Initiatives to Combat Malnutrition

Poshan Abhiyan (National Nutrition Mission)

01

Poshan Abhiyan aims to reduce stunting, undernutrition, anemia, and low birth weight among children and women. The target is to reduce stunting by 2%, undernutrition by 2%, and anemia by 3% annually. Key components of the Poshan Abhiyan include training of Anganwadi workers, community-based events and the real-time monitoring through a digital platform.

Poshan Mela (Nutrition Fairs and Camps)

02

Throughout Poshan Maah, the government organizes Nutrition Fairs (Poshan Melas) across the country, where communities can access information on balanced diets, local and nutritious food, and innovative recipes. Anaemia Camps are also set up, especially in rural areas, to diagnose and treat anemia.

Home Based New Born Care (HBNC)

03

In line with ensuring early care, Anganwadi workers and health professionals make home visits for newborns to assess their nutritional needs and monitor their growth up to the first 42 days of life. These visits provide personalized support and raise awareness about breastfeeding, complementary feeding, and overall child nutrition. By identifying and addressing malnutrition early, the government aims to ensure that children have a healthy start to life.

Poshan Bhi, Padhai Bhi Campaign

04

Recognizing that nutrition and education are intertwined, the government launched the Poshan Bhi, Padhai Bhi initiative, linking child nutrition with the New Education Policy. The campaign focuses on ensuring that children receive not only proper nutrition but also quality education for their balanced development. Nutritional challenges can lead to cognitive deficits, and this integrated approach aims to nurture both physical and mental growth.

Poshan Tracker

05

The integration of Poshan Tracker, a mobile app for real-time monitoring, has helped track the delivery of services such as supplementary nutrition, growth monitoring, and health check-ups. Total 13.95 lakh operational Anganwadi Centres are registered under the Poshan Tracker application ensuring transparency and better coordination in the fight against malnutrition.



World Sanskrit Day

Sanskrit Embodies the Welfare of Society

“Many languages have become extinct the world over through thousands of years. New languages replaced the old ones. But, even today, our Sanskrit is an equally relevant and progressive language. Sanskrit got refined with time, but retains its originality. The reason for this is the methodical and scientific grammar of Sanskrit. This language, based on only 14 Maheshwar sutras, has been the mother of both the subjects of shastra (weaponry) and shastra (scriptures) for thousands of years..”

—Prime Minister Narendra Modi (in 'Mann ki Baat' address)

“Sanskrit, besides being a classical and folk language, is also the carrier of Indian languages. This is the reason that Sanskrit's existence is intact in Indian languages, directly or indirectly.”

—Prof. Srinivas Varkhedī
Vice Chancellor, Central
Sanskrit University

Sanskrit is one of the oldest languages in the world. Sanskrit is also known as 'Devbhasha' because it is the language of the sacred texts of ancient India, in which it has been used to express the message and wisdom of the gods. The Sanskrit language has been the medium of expression of sacred scriptures like Vedas, Upanishads and Bhagavad Gita. For its revival, 'World Sanskrit Day' is celebrated every year on the full moon day of the month of *Sawan*, i.e., on the day of Rakshabandhan. In 2024, it was celebrated on 19 August, according to the English calendar.

Prime Minister Shri Narendra Modi referred to World Sanskrit Day in the 113th episode of the 'Mann ki Baat' programme. He briefly mentioned the campaign 'Sanskrit on the Rivers' being run in the interest of Sanskrit by Professor Vytis Vidūnas of Lithuania.

Professor Vidūnas is a Professor of Sanskrit at Vilnius University in Lithuania. He started the initiative 'Sanskrit on the Rivers' in 2016 with some former students of that time.

Through this programme, he raises awareness about rivers. Under the 'Sanskrit on the Rivers' campaign, Prof. Vidūnas and his students gather on the banks of River Neris in the evening to study Sanskrit scriptures. This year some chapters of the Ramayana were recited.

“I was very surprised when Prime Minister Shri Narendra Modi mentioned my campaign in the 'Mann ki Baat' programme. I am very fortunate”:

Prof. Vytis Vidūnas

There are many countries like Lithuania in the world where subjects related to the Sanskrit language are being studied comprehensively. Today, many

such endeavours are underway across the world, which show the increasing acceptance of Sanskrit at the global level. Cambridge University has introduced Sanskrit as a language option, while Harvard University offers courses in Sanskrit and Indian philosophy. Apart from this, the British Library has a vast collection of Sanskrit manuscripts, which indicates its importance in world literature. Google has also developed a Sanskrit input tool, which has made it easier for users to type in this language.

अमृतम् संस्कृतम् मित्र, सरसम् सरलम् वचः।

एकता मूलकम् राष्ट्रे, ज्ञान विज्ञान



पोषकम्॥

(Amritam Sanskritam Mitra,
Sarasam Saralam Vachah.

Ekta Moolkam Rashtre, Gyan
Vigyan Poshakam)

That is, our Sanskrit language is appealing as well as simple. Sanskrit also nourishes and strengthens knowledge, science and unity of the nation through its conceptions and literature.

Sanskrit language has the pride of being the mother of many languages and dialects. Sanskrit also has a close relationship with foreign languages like Latin, Greek, French, German, etc. Even today, Sanskrit is the medium of communication in Mattur village of Shivamogga district in Karnataka. Sanskrit has the Vedas in its conceptualisation, Upanishads in its thoughts, Puranas in its conviction, and Ayurveda, Yoga, Tantra and

Astrology in its knowledge and grammar in its chapters. Sanskrit is the language of both discipline and liberation.

The present government is taking various steps to make the Sanskrit language accessible to the common people. Under this, three universities were accorded the status of Central Sanskrit University in the year 2020 to promote the learning, research and usage of the Sanskrit language. Doordarshan and Akashvani are also taking several initiatives to teach the Sanskrit language. Doordarshan News telecasts a Sanskrit news bulletin called 'Vaarta' everyday. At the same time, All India Radio also broadcasts important news related to the country and abroad in Sanskrit. Social organisations like Sanskrit Bharati are also engaged in facilitating the study of Sanskrit.

Growing Influence of Sanskrit in the World



Prof. Srinivas Varkhedi

Vice Chancellor,
Central Sanskrit University

It is a matter of great joy that the illustrious Prime Minister Shri Narendra Modi, addressed the entire youth, students, and countrymen through his novel program 'Mann ki Baat,' which has a profoundly inspiring and far-reaching impact on people, especially the youth. It is worth mentioning that the historic launch of the radio broadcast of this 'Mann ki Baat' was done on October 3, 2014.

The enlightening and stirring address of Prime Minister Shri Narendra Modi is broadcast by Akashvani and published by the Ministry of Information & Broadcasting every month. This broadcast and publication are a priceless literary heritage of the nation and Indian thought process and will be an enduring

source of inspiration for the coming generation. It is also a vital fact, due to globalisation, literary publications are on the decline all over the world. However, in India, the official recognition of Indian literature is on the rise. New publications launched in Sanskrit with a wide range of reading material are adorning Indian literature. It is noteworthy that the Prime Minister has mentioned quotes from Sanskrit literature in many episodes of his 'Mann ki Baat' broadcasts. A big reason for this is that Sanskrit is the language of the future because the entire Indian literature and culture is indebted to Sanskrit. Therefore, Sanskrit, being the soul of all Indian languages, pulsates at the core of Indian languages. Here it should also be kept in mind that this is not just true because Indian literature and culture are embodied in it, but Sanskrit is also the consciousness of Indian identity. For this very purpose, to realize the golden dream of 'Viksit Bharat – 2047', it is necessary that for the reconstruction of India, efforts should be made to fully nurture the consciousness implicit in Sanskrit till the welfare of the poorest of the poor, i.e., Antyodaya is achieved. Language, besides being the identity of its culture, also represents the intrinsic evidence of its cultural history in the form of

heritage. This intrinsic evidence of Sanskrit literature represents the vividness of an ocean in which all the Indian languages are integrated and flowing.

Therefore, Sanskrit should be considered the source of Indian languages and culture. Here, it should also be kept in mind that the Sanskrit language has inspired many foreign languages as well. For example, linguistics is a vast treatise of language study for the exploration of the meaning of the linguistic culture of literature in its various diverse forms in the whole world, and its soul is imbued in Panini's *Astādhyāyī*. Therefore, it is only through Sanskrit learning that we can once again become Vishwaguru, the world leader, and realize the golden vision of the all-round development of India.

India has not only made the first global proclamation of democratic thinking, but this proclamation has also infused democracy with spirituality. Therefore, this kind of democracy is exemplary for the world in all respects. Sanskrit has infused life into the voice of this people-inclusive democracy in the form of spirituality, philosophy,

thinking, etc. Therefore, to guide not only India but also the world towards spirituality, Sanskrit must be learnt and understood. In today's globalised world, Sanskrit will play a crucial role in eliminating material greed and unrest and in restoring world peace and brotherhood. It should also be kept in mind that the basis of Sanatan Dharma also lies in Sanskrit. On the basis of its Vedic thoughts and philosophy, Sanatan Dharma has been spreading an integralist global message of universal humanity. Therefore, Indian culture is beyond regional and linguistic diversity and also represents the cohesive nature of unity in diversity and Indian aesthetics. The only force in creating this blissful feeling of unity is the resilient identity of the Sanskrit language and the river-like magnificence and grandeur of its literature.

Sanskrit, besides being a classical and folk language, is also the carrier of Indian languages. This is the reason that Sanskrit's existence is intact in Indian languages, directly or indirectly. The definition of the Indian language is inherent in the

ethos of Sanskrit itself because the knowledge of Sanskrit and its philosophy, while being completely synergised, are intact. This is the reason that there are many states in India and several regional languages, but when we talk of integral India, then Sanskrit shines as the soul of Mother India. Now, it has become even more relevant for the world that for the exploration and restoration of the original Indianness of India, an innovative and inclusive usage of Sanskrit must be undertaken.

Therefore, Sanskrit should be given the utmost priority to sustain the primary identity and heritage of Indianness in education. This will help in fulfilling and promoting the Panch Pranas mentioned by the illustrious Prime Minister Shri Narendra Modi in 'Mann ki Baat' (108th episode on December 31, 2023), all knowledge should be for *Viksit Bharat - 2047*, freedom from colonial mental slavery, unabated faith in Indian wisdom -culture-civilisation, India's integrity should always remain intact and there should always be devotion in performing one's duties. Sanskrit will play a unique and inexplicable role in fulfilling and promoting the Panch Pranas.

In the 113th episode of 'Mann ki Baat,' while addressing the scholars and admirers of Sanskrit the world over on the occasion of 'World Sanskrit Day,' the Prime Minister also highlighted the increasing affinity of the world towards Sanskrit and the work being done on the innovative possibilities of research, which will always remain etched in the

minds of the world community of Sanskrit. Many references pertaining to Sanskrit in 'Mann ki Baat' by the Prime Minister have made the people and institutions associated with Sanskrit proud and have also awakened hope and self-confidence in them.

It is a fact that the dimensions of Indian civilisation, knowledge, tradition and culture cannot be integrated into the resolution of developed India without Sanskrit. Therefore, the Prime Minister has put forward the vision of India on the basis of Sanskrit. '*Vasudhaiva Kutumbakam*' has now become a new mantra of the world. Study and teaching of Sanskrit in more than 50 countries, and the popular discourse movement by Sanskrit Bharati highlight the importance being accorded to Sanskrit. Sanskrit is the only medium to develop and expand the culture benefitting humanity through Yoga, Ayurveda and Spirituality at the global level. This is the far-sighted global vision of the Prime Minister.

The ever-increasing immense respect and devotion towards Indian culture in the world is also confirmed by the fact that in the 113th episode of his 'Mann ki Baat,' the Prime Minister, while talking about Professor Vytis Vidūnas of Lithuania, mentioned that due to the sincere efforts of Professor Vidūnas, a group of people regularly gather on the banks of the Neris River there and recite the Vedas and the Gita, thus resonating the intellectual and cultural heritage of India. It reaffirms the increasing versatility of Sanskrit around the world.



Fit India Movement

Towards Achieving the Goal of a Healthy and Glorious India

“ My dear countrymen, fitness is extremely important in our lives. To be fit, we have to keep paying attention to our diet, our lifestyles... everything. In order to make people aware of fitness, the Fit India campaign was launched. For the sake of staying healthy, people are embracing yoga, irrespective of age or class. ”

–Prime Minister Narendra Modi
(in 'Mann ki Baat' address)

A healthy mind lives in a healthy body. This means that physical and mental health are closely linked. Creating a strong and glorious India is possible only when its citizens are physically strong and mentally well-balanced. Healthy citizens are more productive, creative and responsible, contributing significantly to the progress of society and the nation. Therefore, to build a strong India, it is of utmost importance for the citizens to stay physically and mentally healthy.

The 'Fit India Movement' launched by Prime Minister Narendra Modi on 29 August 2019 is essential to making India a healthy and fit nation. It focuses on promoting physical fitness, making people aware and motivating them to adopt a healthy lifestyle. At present, many health problems arise due to stressful lifestyles and

unhealthy habits. In such a situation, the relevance of the Fit India Movement becomes more relevant.

Prime Minister Narendra Modi said while launching this campaign, "Fitness is not a word but a necessary prerequisite for a healthy and prosperous life."

Under this campaign, people are encouraged to adopt regular exercise, yoga and other physical activities. In addition, healthy food habits are also promoted so that people can keep their bodies and minds healthy.

Under the Fit India Movement, the government has organized programs like 'Fit India Samvad,'

'Fit India Quiz,' 'Fit India School Week,' and 'Fit India Freedom Run.' Besides encouraging physical education, these programmes motivate children and youth to adopt healthy habits.

'Fit India Mobile App' has also been launched under this campaign, which helps people measure and improve their fitness levels and provides suggestions for various fitness activities and exercises.

The success of the Fit India Movement can be assessed by its impact and wide recognition. So far, millions of people have become aware of their health and have adopted a healthy lifestyle. Fitness-related information and



motivation are being shared through social media and other digital platforms, transforming this campaign into a mass movement.

Raising awareness about fitness in rural areas, promoting physical activities in different age groups and motivating people to exercise regularly are significant challenges of this campaign. In this regard, Prime Minister Shri Narendra Modi had said, "The government may have started the Fit India Movement, but it has to be led by the people

of the country." The government is making many efforts in this direction.

Programmes are also being organized locally to spread the Fit India Movement to the masses. The government aims to develop it as an ongoing process so that people can stay physically and mentally healthy. With the government's relentless efforts and active participation of the public, this movement has all the potential to establish India as a fit, healthy and foremost nation on the world stage.



Celebrating Telugu

A Legacy of Language and Culture

Friends, this month on the 29th is Telugu Bhasha Diwas, as well. It is truly an amazing language. I extend good wishes to Telugu speakers across the world on Telugu Bhasha Diwas.

*PrapanchVyaaptanga Unn
Telugu Variki
Telugu Bhasha Dinotsav
Shubhaakaankshalu*



To celebrate the linguistic and cultural heritage of the Telugu language, Telugu Language Day, or Telugu Bhasha Dinotsavam, is observed every year on August 29.

Coinciding with the birth anniversary of the Telugu poet, writer and linguist ShriGidugu Venkata Ramamurthy, Telugu Bhasha Dinotsav promotes the usage of the language while honouring and acknowledging the role of Telugu in shaping regional and national identity.

HISTORY

The celebration of the Telugu Language Day began in 1966, however, the day to recognise and celebrate the language existed much earlier. Literary scholars such as Gidugu Venkata Ramamurthy and Kandukuri VeeresalingamPantulu were instrumental in promoting language in the late 19th and early 20th centuries.

IMPORTANCE

Telugu has a history that extends over two thousand years. The first written materials in the language date from 575 CE. Thoroughly explored in literary and linguistic studies, its origins are well-documented in ancient manuscripts and texts. Over the centuries, Telugu has undergone significant evolution, shaped by political, social and cultural transformations.

ROLE

Telugu language, largest member of the Dravidian language family, is the official language of Andhra Pradesh and Telangana and one of the 22 scheduled languages of India. It is also designated as the classical language. As per 2011 Census, Telugu has about 8.11 crore speakers.

CELEBRATION

To promote the language and its cultural significance, the Government of India organizes several cultural performances, educational programs, literary festivals and workshops to develop a deeper appreciation for the language's literary traditions. This year, Andhra Pradesh Chief Minister Mr. N Chandrababu Naidu, Deputy Chief Minister Mr. Pawan Kalyan and Minister of Tourism, Language and Culture Mr. Kandula Durgesh participated in the Official Language Day organized by the State Government in Vijayawada to pay tribute to Sri Gidugu Venkata Ramamurthy, father of Pragmatic Linguistics.

TRIVIA

Reduplication, the repetition of words or syllables to create new or emphatic meanings, is common in Telugu. For instance, pakapaka, i.e., suddenly bursting out laughing; garagara, i.e., clean, neat, nice.

Like the other Dravidian languages, Telugu has a series of retroflex consonants (/d/, /n/, and /t/) pronounced with the tip of the tongue curled back against the roof of the mouth.

Telugu is the only language in the Eastern world that has every single word ending with a vowel sound.

Telugu language has the most number of Saamethulu (సామితులు), i.e., idioms and proverbs.



Letter V in Telugu.

Telugu was known as 'Trilinga Basha', later it was named 'Telungu', 'Tenugu' and finally, today we call it 'Telugu'.

Hoolock Gibbons of Barekuri, Tinsukia



Swapneel Paul

District Commissioner,
Tinsukia

The bond between humans and animals has been a recurrent theme throughout history. From the beginning of time, both have shared each other's niche and peacefully coexisted. While some such stories are etched in the memory as a part of folklores and oral traditions, others are well documented in forms such as novels and movies. From the evergreen "Hathi Mere Sathi" to "Life of Pi", the only common element in all these narratives is the psychic unity and emotional bonding between humans and animals.

In this context, Barekuri - a small village in the Tinsukia district of Assam - displays a unique bond between humans and their unbrowed primate cousins, the Hoolock Gibbons.

Barekuri is a lush green village located near the Betjan Borajan Padumoni Wildlife Sanctuary, on the outskirts of Dibru Saikhowa National Park. The village is predominantly inhabited by the indigenous Moran community, who follow a traditional culture and way of life preserved and passed down through generations, showcasing this symbiotic man-animal relationship. For example, they celebrate the Gosor Tolor Bihu (Bihu beneath a tree) as their annual festival. The name of the festival itself signifies the close relationship between the people and nature, including their arboreal cousins, the Hoolock Gibbons, who reside in the village.

Decades ago, a group of Hoolock Gibbons migrated from nearby forest areas and settled in Barekuri, making it their home. Over the years, the people have developed a unique relationship with them. Villagers say that they don't need alarm clocks to wake up in the mornings because the Gibbons' calls serve the purpose.

When the villagers realized that the Gibbons preferred bananas and citrus fruits, they started planting these in their backyards to ensure the Gibbons wouldn't go hungry.

The villagers also named the Gibbons as if they were family members - Kalia and Bogi were a couple and Twik was their son.



The villagers often say that Kalia would scold Twik whenever he indulged in mischief. Twik is now a grown male. When Kalia died a few years back, the villagers made sure that all the death rituals and cremation were conducted with the same reverence as for a family member.

The birthdays of the Hoolock Gibbons, especially the young ones, are celebrated by everyone in the village with pomp and show. The children of Barekuri are often seen playing with the younger Gibbons, forging lifelong bonds of friendship, while many of the middle-aged villagers remember Kalia fondly. The new generation has even made the younger gibbons learn the art of posing for a selfie and looking at themselves in a mirror!

However, in recent times, bare conductors of electrical transmission lines have impeded the mobility of the Gibbons, and electrocution from high voltage has even resulted in the death of two hoolock gibbons in the Barekuri area in the last five years.

During one of the visits of Hon'ble Chief Minister of Assam, the villagers apprised him about this issue. Immediately a project was taken up by Assam Power Distribution Company Limited for conversion of the bare conductors

of transmission line to covered, insulated ones, which has given a huge sigh of relief to both the villagers as well as the Gibbons by improving their mobility.

In recent times, the villagers have also realized that the food offered by outsiders makes the Gibbons lethargic and weak. So, the community has recently launched a campaign to stop the distribution of outside food to the Gibbons. This conservation effort has attracted attention of both national and international tourists, leading to the promotion of homestays in a 'Bed & Breakfast' model to support the local community.

Additionally, there is felt a growing need to enhance the Gibbons' mobility over a wider area, so as to enrich and enhance their gene pool. Therefore, the possibility of creation of a green Gibbon corridor with an appropriate variety of trees to connect Barekuri to nearby forest areas is being explored.

With such a strong and organic legacy of symbiosis, Barekuri truly exemplifies how a community can contribute towards environmental conservation while ensuring sustainable development and preserving the traditional ways of life.

Revolutionizing Wildlife Protection

“In the village of Barekuri in the Tinsukia district of Assam, people from the Moran community share a deep bond with the Hoolock Gibbons, known locally as ‘Holo Bandar.’ The villagers have gone to great lengths to preserve this relationship, even performing rituals for the birth and death of the Gibbons as they would for their own family members,”

said Prime Minister Modi in his 113th ‘Mann ki Baat’ address.

Hoolock Gibbons, India’s only ape species, are found in the northeastern states, primarily Assam, Arunachal Pradesh, and Nagaland. Known for their distinct calls and acrobatic swings, these primates are endangered due to deforestation, habitat fragmentation, and human interference.

According to reports, a maximum of 10,000 gibbons are now left in India. In Assam, particularly in Barekuri village, the Moran community has taken it upon themselves to protect these gibbons. In a remarkable show of coexistence, the villagers have adapted their lifestyle to protect these primates, even going as far as growing bananas to feed them and actively resolve issues that threaten their safety, like the presence of electric wires.



“Some of our young friends in Arunachal have started using the 3-D printing technology. Because they want to protect wild animals from being hunted for their horns and tusks Under the leadership of Nabam Bapu and Likha Nana, the team undertakes 3-D printing of various parts of animals.”

said Prime Minister Modi in his 113th ‘Mann ki Baat’ address.

In the remote and wildlife-rich region of Arunachal Pradesh, innovative entrepreneurs like Nabam Bapu and Likha Nana are using 3D printing technology to protect endangered species and preserve tribal traditions. Through their startup, AIO Pvt. Ltd, they have pioneered the production of 3D-printed replicas of animal parts, such as horns, tusks, and jaws, which were traditionally used by the local Nyishi tribe for cultural attire.

By offering biodegradable alternatives made from materials like Polylactic Acid, commonly known as PLA and plant-based resins, their efforts aim to reduce poaching and hunting of wildlife, providing a sustainable solution that balances cultural preservation with wildlife conservation. This innovative work has already led to a noticeable decrease in the killing of animals like the hornbill and tiger, demonstrating the transformative potential of technology in safeguarding both heritage and biodiversity.

“We are extremely delighted that our work has been appreciated and acknowledged by our Hon’ble PM. We feel more encouraged and determined to achieve the goals of our startup, AIO Pvt. Ltd.

Saving wild animals, especially endangered species like the hornbill, clouded leopard, and tiger, has always been a controversial issue, particularly in a tribal state like Arunachal Pradesh where tradition and culture hold great value. These traditions are regarded as integral to the tribal identity, and the use of animal parts plays a vital role in cultural preservation. The killing did not stop because there were no alternatives available at the time. Now, AIO Pvt. Ltd. has created an alternative that allows our tribal communities to preserve their culture without harming wildlife.

To date, we have successfully created and launched Tiger Jaw, Leopard Jaw, and Hornbill Bill casque in the market, with many more products in the development stage.

“We would like to express our heartfelt gratitude to Hon’ble Prime Minister Modi for mentioning the conservation efforts for Barekuri’s Hoolock Gibbons in ‘Mann ki Baat’.

The people of Barekuri treat the Hoolock Gibbons as family members and take care of them with great affection. Sadly, several gibbons lost their lives after coming in contact with electric cables. Following this, the villagers, along with our organisation, spoke to the government authorities, which led the Assam Government’s electricity department to find a solution. They introduced an innovative shockproof wiring system to save the gibbons.

People from far and wide, including from other parts of India and abroad, come to Barekuri to see the Hoolock Gibbons. A new wave of tourism is developing here. Many researchers have also visited to study the Hoolock Gibbons.

-Diplob Chutia
President, Barekuri Eco Development Committee



Nabam Bapu
Likha Nana
Founders of AIO Pvt. Ltd





MANN KI BAAT

Media Scan



Dr Jitendra Singh @DrJitendraSingh · Aug 25
On the 23rd of August, the nation marked the first National Space Day, celebrating the success of Chandrayaan-3.
Last year, on this day, Chandrayaan-3 had made a successful landing on the southern part of the moon at the Shiv-Shakti point.
PM Sh @NarendraModi
#MannKiBaat

IIT Madras @iitmadras · Aug 25
Hon'ble PM Shri @narendramodi In #MannKiBaat celebrated #NationalSpaceDay, praising #Chandrayaan3's success and the rise of #startups like @iitmadras Incubated @GalaxEye
Watch the full video here: youtu.be/qS4v940zVg

Ramesh Bidhuri @rameshibdhuri
The heartwarming connection between Berekuri villagers in Assam and hoolock gibbons... #MannKiBaat

econscious @econsciousindia
We are beyond thrilled to share that our startup, @econsciousindia was featured on #MannKiBaat hosted by our Hon'ble #PMOIndia Shri @narendramodi ji. We extend gratitude for this incredible recognition & want to thank each and every stakeholder involved in our journey #startup

Suyash Singh @thesuyashsingh · Aug 25
Honourable PM @narendramodi Ji, Thanks a ton for having us on #MannKiBaat
12 mins spent with you, gives us confidence to work more harder and put India on top of the global Space economy.
The entire team of @GalaxEye is privileged for the opportunity. 🙏

Annapurna Devi @Annapurna4BJP · Aug 25
चिखत वर्ष पोषण अभियान को नई दिशा नीति से भी जोड़ा गया है। पोषण भी पढ़ाई भी इस अभियान के द्वारा बच्चों के संतुलित विकास पर focus किया गया है। आपको भी अपने क्षेत्र में पोषण के प्रति जागरूकता वाले अभियान से जरूर जुड़ना चाहिए। * प्रधानमंत्री श्री @narendramodi जी #MannKiBaat

GalaxEye @GalaxEye
Today is the most memorable day for us at @GalaxEye, building India's first private imaging #Satellite!
What started as a story of 5 friends, is now a project of interest to our Hon'ble PM @narendramodi. As he fondly said, our tech will be utilized aligning to #JaiJawanJaiKisan!



Dharmendra Pradhan @dpradhanbjp
A space startup @GalaxEye, incubated at @iitmadras, is working wonders in next-gen technologies. Creating an ultra-high resolution imaging satellite to assist with farming and defense, these young innovators are ready to make big waves in the space sector. Their interaction with PM Shri @narendramodi ji during today's #MannKiBaat showcases the prowess of India's youth. PM Modi's fillip to technology-driven startups and liberalized space policy is poised to propel India as a prominent global space power and ensure for our youth that sky is not the limit.

EcoKaari™ - Humanising Fashion @EcoKaari
Thank you, @PMOIndia @narendramodi, for mentioning our Upcycling initiative on your incredible @mannkiabaat platform. Your acknowledgement means the world to us and motivates us to continue our mission of sustainability and empowerment. 🙏

Himanta Biswa Sarma @himantabiswa
Hon'ble Prime Minister, thank you for bringing out these unique stories from Assam and Arunachal Pradesh to the nation's attention. Your recognition and appreciation of the sustainable living practices will encourage millions to adopt this lifestyle and care for our animals. #MannKiBaat

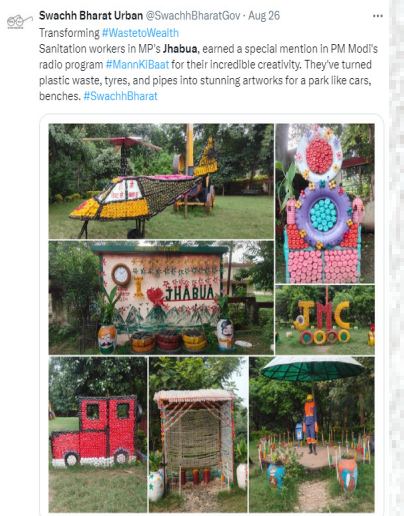
Lithuania in India @LEmbassyDelhi · Aug 25
A proud moment for Lithuania! as Hon'ble @PMOIndia Shri @narendramodi narrates to India and the World how #SanskritLithuanian linguistic ties are nurtured & celebrated in Lithuania on #MannKiBaat @AkshvinaRaj @DMilkeviciene @LithuaniaMFA @MEAIndia @IndEmbVilnius @VU_LT



Pema Khandu @PemaKhanduBJP · Aug 28
In his recent #MannKiBaat, Hon PM Shri @narendramodi Ji commended the remarkable work of Nabam Bapu and Likha Nana from Arunachal Pradesh. Their innovative use of 3D printing to replicate animal parts like horns, beaks, tusks, and teeth - traditionally used in apparel and Show more



Shivraj Singh Chouhan @ChouhanShivraj
बच्चों का nutrition, देश की प्राथमिकता है।
हमारा परिवार, हमारा समाज, और हमारा देश, एवं इन सबका भविष्य, हमारे बच्चों की सेहत पर निर्भर है जोर बच्चों की अच्छी सेहत के लिए जरूरी है कि उन्हें सही पोषण मिलता रहे।
- आदरणीय प्रधानमंत्री श्री @narendramodi जी
#MannKiBaat



Dr Mansukh Mandaviya @mansukhmandaviya
माननीय प्रधानमंत्री श्री @narendramodi जी ने #MannKiBaat कार्यक्रम में फिटनेस के महत्व पर प्रकाश डाला और श्रीअन्न को अपनाने के साथ-साथ @FitIndiaOff के माध्यम से देशवासियों को स्वस्थ जीवनशैली अपनाने के लिए और स्वस्थ भारत के निर्माण में योगदान देने के लिए जागरूक किया।
Translate post



Bhupendra Patel @Bhupendrapbjp
सूखी परिवार, सूखी राज्य और सूखी देश का आधार है स्वस्थ नागरिक.. और नागरिकों के स्वास्थ्य का आधार है पोषण।
देशभर में पूरा सितंबर महीना पोषण माह के रूप में मनाया जाएगा। बच्चों, माताओं और किशोरियों को सही पोषण मिले उस पर पूरा जोर दिया जाएगा।
माननीय प्रधानमंत्री श्री नरेंद्र मोदी जी ने आज #MannKiBaat कार्यक्रम में सभी नागरिकों को पोषण के इस अभियान के साथ यथासंभव जुड़ने का आह्वान किया है।
Translate post

PM urges youth to join politics, ensure transformative future

Modi's appeal to youth with no political lineage to join politics saw "positive response"

Modi's appeal to youth with no political lineage to join politics saw "positive response". The prime minister said he wanted to see a new generation of leaders who would ensure a transformative future for the country. He urged young people to join politics and work towards the betterment of the nation. He said, "I want to see a new generation of leaders who would ensure a transformative future for the country. He urged young people to join politics and work towards the betterment of the nation."

स्पेस टेक्नोलॉजी से होगा 'जय जवान' और 'जय किसान': मोदी

नई दिल्ली (आईएनएस)। प्रधानमंत्री नरेंद्र मोदी ने रविवार को मन की बात कार्यक्रम के दौरान स्पेस सेक्टर में भारत को उपलब्धियों पर रोशनी डाली। उन्होंने कहा कि 23 अगस्त को ही सब देशवासियों ने पहला 'मिशन स्पेस डे' मनाया। प्रधानमंत्री ने कहा, फलतः वार इसी दिन चंद्रयान 3 ने चांद के दक्षिणी हिस्से में शिव शक्ति पॉइंट पर सफलतापूर्वक लैंडिंग की थी। भारत इस गौरवपूर्ण उपलब्धि को हासिल करने वाला दुनिया का पहला देश बना है। उन्होंने कहा कि 21वीं सदी के भारत को कुछ से रहा है जो विकसित भारत की नींव मजबूत कर रहा है। प्रधानमंत्री ने 'मन की बात' के इस एपिसोड में स्पेस सेक्टर से जुड़े आईआईटी मद्रास के पूर्व छात्रों के स्टार्टअप 'गैलैक्सी-3' के युवाओं से बात की। प्रधानमंत्री ने इन युवाओं से पूछा कि आपको टेक्नोलॉजी से देश को कितना लाभ होने वाला है? छात्रों ने बताया कि उनकी यह टेक्नोलॉजी अंतरिक्ष से बाहरी के अंतरिक्ष देख सकती है। इस तकनीक की मदद से रात के समय भी स्पष्ट देखा जा सकता है। इससे देश के किसानों को भी कृषि के उपर रोज एक सफ तस्वीर खींच सकते हैं।



PM MODI ने देशवासियों से की मन की बात, हाइपरलूप प्रोजेक्ट का किया जिक्र, युवाओं ने बताया कैसे आया ख्याल



PM reiterates need for bringing youth, non-dynasts into politics



मन की बात में पीएम मोदी ने की देश की दिशा बदल रहे स्टार्टअप्स की चर्चा, झाबुआ के सफाईकर्मियों की तारीफ



Mann Ki Baat 113th: मन की बात में पीएम मोदी ने किया 'हूलाक गिबन' जिक्र, जहां ग्रामीण बढ़ा रहे वन्य जीवों से दोस्ती



Mann Ki Baat: PM Modi Highlights 'Fit India,' Emphasizes Children's Nutrition As National Priority



'Strengthening Foundation Of Viksit Bharat': PM Modi Hails Space Sector Achievements In Mann Ki Baat



हेलीकॉप्टर, कार और तोप... कचरे से बनी कलाकारी के मुरीद हुए पीएम मोदी, एमपी के सफाई कर्मचारियों की खूब की तारीफ

गैर राजनीतिक पृष्ठभूमि के युवा सियासत में आगे आएँ : मोदी

मन की बात : पीएम ने कहा-विकसित भारत के लिए आजादी की लड़ाई जैसी भावना जरूरी



सही मार्गदर्शन की आवश्यकता। प्रधानमंत्री ने युवाओं से कहा कि वे अपने देश के विकास में अग्रणी भूमिका निभाएं। उन्होंने कहा कि गैर राजनीतिक पृष्ठभूमि के युवा सियासत में आगे आएँ। उन्होंने कहा कि विकसित भारत के लिए आजादी की लड़ाई जैसी भावना जरूरी है।

युव शक्ति। प्रधानमंत्री नरेंद्र मोदी ने कहा कि 21वीं सदी में भारत में युवा युवा देश को रात में जो लौकिकी बना रहे उसे बनाए रखे। उन्होंने कहा कि गैर राजनीतिक पृष्ठभूमि के युवा सियासत में आगे आएँ। उन्होंने कहा कि विकसित भारत के लिए आजादी की लड़ाई जैसी भावना जरूरी है।

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'Space reforms benefited youth'

PM Narendra Modi, in the 113th episode of his monthly radio address 'Mann Ki Baat', praised the advancements in the country's space sector and said Indian youth have vastly benefited from space sector reforms. "A lot is happening in 21st-century India, which is strengthening the foundation of Viksit Bharat. For example, on Aug 23, all the countrymen celebrated the first National Space Day. Once again, you all must have celebrated the success of Chandrayaan-3. Last year, on this day, Chandrayaan-3 landed at the Shiw-Shakti point on the moon's southern hemisphere, making India the first country to achieve this feat," the PM said.

Mann Ki Baat: Modi pushes for start-ups in space and eco sectors

Our Bureau New Delhi

Prime Minister Narendra Modi on Sunday emboldened the youth and the start-up community which works in the space and environment sectors. In his 113th episode of Mann Ki Baat, he interacted with a team from space-tech start-up Galakbye, founded by the alumni of IIT Madras. "On August 23, India celebrated the first National Space Day. Last year, on this day, Chandrayaan-3 landed on the southern part of the moon at the Shiw-Shakti point, making India the first nation in the world to achieve this feat," Modi said. Speaking about a young team from Arunachal Pradesh, he said, "Led by Nabam Bapu and Likha Nana, the team undertakes 3-D printing of various parts of animals, be it horns or teeth. These are then made into items such as apparel and headgear."



Prime Minister Narendra Modi

with litter. Another startup is named Ecolakari." Toy recycling is another field, which Modi believes, can be worked on. "While many children get bored of their toys in no time, there are children who dream for such toys. Toys that your children no longer play with... you can give them away," he noted.

NUTRITION MONTH "Throwing light on children's nutrition, the Prime Minister said, "Nutrition Month is celebrated in September. Awareness on nutrition is spread through nutrition fairs, anemia camps, home visits for newborn babies, seminars, and webinars. In several areas, mother and child committees have been established under anganwadis which track malnourished children, pregnant women and newborn babies."

मन की बात में पीएम मोदी ने कहा-विकसित भारत के लिए युवा आगे आएँ, आकाश में लहराया तिरंगा

विकसित भारत के लिए युवा आगे आएँ, आकाश में लहराया तिरंगा

शिव शक्ति पॉइंट पर सफलतापूर्वक लैंडिंग की थी। प्रधानमंत्री ने 'मन की बात' के इस एपिसोड में स्पेस सेक्टर से जुड़े आईआईटी मद्रास के पूर्व छात्रों के स्टार्टअप 'गैलैक्सी-3' के युवाओं से बात की। प्रधानमंत्री ने इन युवाओं से पूछा कि आपको टेक्नोलॉजी से देश को कितना लाभ होने वाला है? छात्रों ने बताया कि उनकी यह टेक्नोलॉजी अंतरिक्ष से बाहरी के अंतरिक्ष देख सकती है। इससे देश के किसानों को भी कृषि के उपर रोज एक सफ तस्वीर खींच सकते हैं।



India Can Never Forget Chandrayaan-3
Achievement: PM Modi In 'Mann Ki Baat'



Mann Ki Baat Highlights, From Galaxeye To Toy Recycling, PM Modi Emphasizes On Eco-Friendly Initiatives



For developed India, guarantee of accessible justice to all is important: PM Modi



'मन की बात' के 113वें एपिसोड में PM ने किया 'हूलाँक गिबन' का जिक्र, सुनाई इंसान-जानवर के रिश्ते की सच्ची कहानी



'कोने-कोने से आई अद्भुत तस्वीरें, मन खुशी से झूम उठा', हर घर तिरंगा अभियान पर बोले PM मोदी



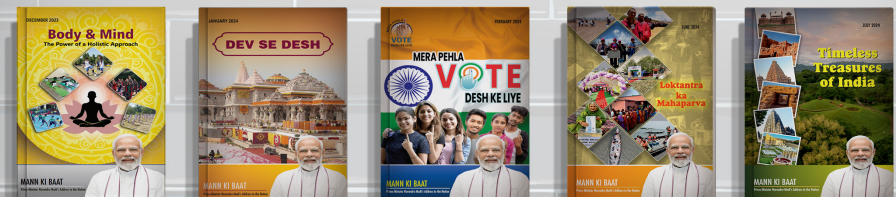
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