

# YUVAAM

VOICE OF THE YOUTH

“INDIA IS COMMITTED TO RESPONSIBLE AND ETHICAL USE OF AI”

- PM Narendra Modi



# EMPOWERING TOMORROW



## CEO's Message to the Young Readers

Dear Young Minds,

Welcome to the July edition of Yuvaam. We are thrilled to share with you an exciting lineup of stories and achievements that truly capture the enthusiasm of our dynamic youth and the true essence of our nation.

One of the highlights this month is the Global IndiaAI Summit 2024, a landmark event uniting experts and policymakers to shape the future of AI. We also have inspiring stories like the revival of the Nalanda University and the celebrations of International Day of Yoga. You will then read about our nation's latest achievements in different sections, such as GenAI, the job sector, university rankings and sports. Further, you will witness how the tech space is getting bigger and brighter, along with the recent milestones in space.

Opportunities for personal growth and learning are plentiful, with growth opening the doors wide for the youth to flourish. At the heart of it all, we encourage you to embrace your Fundamental Duties and shape a society based on rationality and compassion. Finally, let's not forget about the fun brain teasers section we have for you and the engagement corner filled with exciting activities!

We hope these stories will motivate you to work towards your aspirations and encourage you to embrace new challenges. Stay curious, stay determined. Keep your excitement intact for the journey to come, and let your potential shine brightly.

**Team MyGov India**

**Akash Tripathi, IAS**  
**CEO, MyGov**

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# GLOBAL INDIA AI SUMMIT 2024

## Exploring Infinite Possibilities

The future of technology is no longer a distant dream—it's becoming an exhilarating reality powered by artificial intelligence. On the 3rd and 4th of July 2024, the Global IndiaAI Summit unfolded, an event rich in insights and transformative discussions. It was the genesis of AI's next chapter, navigating the path toward an enlightened future. With 2,000 AI experts attending in person and over 10,000 participating virtually, it was a symposium of transformative innovation, focusing on advancing AI development in areas like Compute Capacity, Foundational Models, Datasets, Application Development, Future Skills, Startup Financing, and Safe AI—the seven key pillars of INDIAai Mission.



## What's India's Focus for the Future?

The key focus is to democratise AI and make it accessible to one and all. The Union Minister for Electronics & Information Technology, Railways, and Information & Broadcasting, Government of India, Shri Ashwini Vaishnaw, in his address, spoke about the Government's aim to invest in creating a public platform where there is immense compute power, high-quality datasets, a common set of protocols and a unified technical and legal framework available. This will help startups, entrepreneurs, and academicians to get a common platform to accelerate their efforts. Not just that, India will invest in an AI computing infrastructure of over 10,000 GPUs, create an AI Innovation Center, and emphasise skill development through partnerships with universities and industry.

## Harnessing the Power of AI

The Vice President of OpenAI, Mr. Srinivas Narayanan, praised BHASHINI for tackling language barriers. He articulated that AI has accelerated innovation in India's entrepreneurial ecosystem, reducing the cost of intelligence, enabling developers to write code efficiently, and creating conversational interfaces. AI's profound impact on other sectors was also a highlight in terms of providing agricultural assistance across many languages, providing medical advice and delivering tailored exam preparation. President of Nasscom, Ms. Debjani Ghosh emphasized the need to reconcile investment with return on investment, and highlighted the human-driven aspect of AI, cautioning against treating it as a magic bullet for problem-solving. Expressing hope that INDIAai will set a gold standard by being truly inclusive, she stated, "We have to put AI in the human loop, not humans in the AI loop."

To sum it all, the 2-day event resulted in deep insights on several implementation aspects of the INDIAai Mission, which include Multi-LLM models to meet the diverse needs of India, Platformization and standardisation of AI-ready data, building a strong partner ecosystem and embracing a multi-stakeholder approach to implement the Mission from different perspectives, and leveraging India's unique strengths—its talent, demand, researchers, startups, and thriving industrial ecosystems.



# INTERNATIONAL DAY OF YOGA

## A Mindful Practice With A Worldwide Impact



On the 10th International Day of Yoga, the world embraced mindfulness and rejuvenation. PM Narendra Modi, in his address, extolled yoga's meteoric rise and transformative impact on personal well-being and the global health paradigm. **Over 100 Indian institutes and 10 esteemed international ones** have been recognised by the Yoga Certification Board formed by the Ministry of Ayush. As yoga's global footprint expands, so does its economic impact. Yoga tourism attracts enthusiasts worldwide to India for authentic experiences, spurring the growth of yoga retreats, resorts, facilities at airports and hotels, apparel and equipment, personal trainers, and corporate wellness initiatives.

**Yoga's benefits** go beyond your regular stretches and postures; it adds a positive touch to your well-being. Yoga impacts cellular ageing, with studies demonstrating that Yoga and Meditation-Based Lifestyle Interventions (YMLI) can effectively slow down the aging process at the cellular level. In another study, researchers from **IIT Delhi, AIIMS Delhi, and Mahajan Imaging Delhi** undertook the first functional MRI (fMRI) study to explore the neural mechanisms of Yoga Nidra. The study reveals that Yoga Nidra induces deep relaxation and heightened awareness, with more pronounced brain changes observed in individuals with extensive experience in yoga and meditation. Yoga is much more than a routine; it's a dynamic force for holistic development.

# THE REVIVAL OF NALANDA UNIVERSITY!

**"Nalanda is not just a name, it is an identity, a regard. Nalanda is the root, it is the mantra. Nalanda is the proclamation of the truth that knowledge cannot be destroyed even though books would burn in a fire."** This powerful statement by PM Narendra Modi exemplifies the emotions that the nation deeply resonates with. The original Nalanda University, established around 1600 years ago, is considered among the world's first residential universities. The ruins of Nalanda were declared a UN Heritage Site in 2016, and the establishment of the New Campus heralds the advent of a golden era for the nation!

Nalanda, once the living centre of India's culture and traditions, embodies the ceaseless flow

of knowledge and education. This concept has always reflected India's enduring philosophy towards learning that transcends boundaries and instills values. The ancient Nalanda University epitomised this by admitting students irrespective of their identities and nationalities. The newly inaugurated campus already hosts students from over 20 countries, showcasing a living example of 'Vasudhaiva Kutumbakam'. The University is conceived as a collaboration between India and East Asia Summit (EAS) countries. **The Nalanda University Campus is a 'Net Zero' Green Campus** and is Self-Sustainable with a solar plant, domestic and drinking water treatment plant, a water recycling plant for reusing wastewater, 100 acres of water bodies, and many other environment-friendly facilities.





## India Ranked 5th in GenAI Inventions!

According to the Patent Landscape Report by the World Intellectual Property Organization, India holds the 5th spot for the highest number of GenAI technology inventions. This recognition highlights India's vital role as a significant research location in the GenAI area. The country takes great pride in its impressive annual growth rate of 56% in GenAI patent family publications, showcasing its rapid progress and substantial impact.



# INDIA'S UNSTOPPABLE UPSWING

## A Significant Climb in University Rankings

India's ascent in the World University Rankings (Times Higher Education) is nothing short of remarkable. Driven by PM Narendra Modi's internationalisation initiatives, Indian universities are making significant inroads on the global stage. **With just 31 universities in 2016, the number of Indian universities has risen to 133 in 2025 rankings, making India the 4th best-represented nation!** In a recent social media post, PM Narendra Modi praised this achievement, stating that the continuous commitment and dedication to educational excellence have yielded good results. By nurturing academic institutions, new paths are being created for extraordinary growth and innovation that will help the youth greatly.

## The Job Sector is Getting a Green Glow

The National Green Hydrogen Mission is gearing up to create around 600,000 new jobs in India by 2030! The goal? To make India a top producer and supplier of Green Hydrogen globally. With these new jobs requiring unique skills, the Ministry of Skill Development and Entrepreneurship is working on it, ensuring that the gap between demand and supply is bridged. By building a skilled workforce, the nation will not only be ready to meet the growing demand but also to drive innovation and efficiency in this emerging sector.



# SPORTING SPIRITS

## All Prepped For Paris Olympics 2024!

With over 100 athletes and an equal number of support staff, India is gearing up to win glory on the grandest stage, the Paris Olympics 2024! Indian sport has seen a massive resurgence in the last decade, and in Paris, our athletes will aim to peak at the right time to secure a record number of medals. PM Narendra Modi recently interacted with the Indian contingent for the Paris Olympics 2024, delivering an inspiring message that has invigorated our athletes, motivating them to aim for new heights

Several newcomers will yearn for glory, and a lot of firsts will be achieved by Team India. The men's and women's Table Tennis teams will be in action. Five women wrestlers have qualified for the Olympics for the first time. We will also witness experienced stars like shuttler P.V. Sindhu, weightlifter Saikhom Mirabai Chanu and boxer Lovlina Borgohain, who have already tasted the victory of winning an Olympic medal in Tokyo. The world javelin champion, Neeraj Chopra, has already shown great form, and this will be the first time that at least two Indian men will enter the javelin competition at the Olympics. Kishore Jena will be the other contender.

Veteran Sharath Kamal will represent India in his fifth Olympics. He will be one of the flag-bearers and spearhead India's table tennis campaign. Another veteran and doubles superstar, Rohan Bopanna, will lead the tennis campaign. India is all set for the Paris Olympics 2024 with a great mix of fresh talent and seasoned pros



## India Wins The T20 World Cup!

Team India lifts the T20 World Cup trophy after 17 years, signifying one of its greatest comebacks! In a social media shoutout, PM Narendra Modi congratulated the team for their spectacular performance. He also praised Rahul Dravid's remarkable coaching tenure and his strategic brilliance in steering the team to glory. Virat Kohli was declared the Player of the Match for his fabulous innings. Jasprit Bumrah was awarded the Player of the Tournament for picking up 15 wickets in eight matches with an economy rate of below six. PM Narendra Modi commended Rohit Sharma's remarkable mindset, batting and captaincy while acknowledging Virat Kohli's enduring influence on future cricketers.



## Asian Wrestling Championship 2024

India finished on top at the **Under 23 Asian Wrestling Championship 2024**. The young stars clinched a total of 8 medals in freestyle wrestling, including four gold, two silver, and two bronze medals. This is an all-time best performance by the Indian contingent at the prestigious event.



# PIONEERING INNOVATION

## How Big Is The Tech Space Getting?

Indian tech innovators are shaking things up in the industry like never before. With an extensive number of DeepTech ventures and an increased number of inventive minds creating cutting-edge solutions, the future is brimming with promise. Here's a snapshot of this phenomenal growth, as per insights by Nasscom and Zinnov.

**480 DeepTech startups established** in 2023, 2x more than the startups established in 2022

**Among 480, 100+ were inventive DeepTech startups** that have created IP or solutions in new areas.

**3,600+** DeepTech startups.

Raised a cumulative **\$10 billion** in the last 5 years

**950+ tech startups** added in 2023

The Indian DeepTech ecosystem increasingly concentrates on scalable use cases in strategically important sectors like Space & Defense, Health Tech, Foodtech, and Industrial and Manufacturing. There's been a 2x growth in DeepTech startups founded in emerging hubs, the highest in 5 years. As these startups evolve, they are destined to be instrumental in the tech space, advancing progress and cultivating an atmosphere of relentless innovation.

## A Hat-trick for ISRO in RLV LEX!

Indian Space Research Organization (ISRO) achieved its third and final consecutive success in the Reusable Launch Vehicle (RLV) Landing Experiment (LEX) on June 23, 2024. "Pushpak" pulled off a perfect horizontal landing. Released by Chinook helicopter at an altitude of 4.5 km, Pushpak corrected its course and landed precisely on the runway, showcasing advanced autonomous capabilities under challenging conditions. With RLV LEX objectives achieved, ISRO is now gearing up for the next big thing: the RLV-ORV, the orbital reusable vehicle.



## Aditya-L1's First Orbit Completion!

Aditya-L1 completed its first halo orbit around the Sun-Earth L1 point on 2nd July 2024. The Aditya-L1 mission is an Indian solar observatory at Lagrangian point L1, launched on September 2, 2023. Inserted in its targeted halo orbit on January 6, 2024, it took 178 days to complete a revolution. The station-keeping manoeuvre ensured its seamless transition into the second halo orbit. With this, the state-of-the-art flight dynamics software developed in-house at URSC-ISRO for the Aditya-L1 missions stands fully validated.



# AVENUES FOR GROWTH

## Get Industry-Ready!

Ready for an interesting opportunity? Join the NITI Aayog Internship! The digital doors for online applications swing open every month from the 1st to the 10th. Join in for exciting learning avenues and real-world problem-solving. Don't just watch history unfold—be a part of it! Mark your calendars, seize the opportunity, and kickstart your journey. Apply now and turn your aspirations into action!

Scan to Explore



## Explore, Learn, Achieve

Preparing for a competitive exam or yearning to upgrade your knowledge regarding various subjects? Embark on an intellectual journey with NPTEL, a joint venture of IITs and IISc! This platform provides an extensive array of courses spanning diverse subjects, delivered by luminary educators from India's premier institutes. With engaging video lectures, meticulous course content, and prestigious certifications, NPTEL empowers you to master subjects at your own rhythm. Don't let this golden opportunity slip away.

Scan to Explore



## Limitless Space, Endless Innovations

Here's an exciting event for space enthusiasts! Get ready to launch your ideas at the **Bharatiya Antariksh Hackathon 2024!** This hackathon, organised by the Indian Space Research Organization (ISRO) and powered by innovation partner Hack2skill, is the perfect stage for you to shine. Whether you're an undergrad, a grad student, or a PhD researcher, you can help tackle some of the biggest challenges in space exploration and technology & work on real-world problems provided by ISRO, leveraging their knowledge and skills to devise innovative solutions.

Scan to Explore



## Your Space Dream Can Become a Reality

The US-based space agency SERA (Space Exploration and Research Agency), has announced India as a partner nation in its human spaceflight program. SERA will offer 6 seats on a future New Shepard mission in collaboration with Blue Origin. Training of the selected candidates would take place at its launch site in West Texas. New Shepard will take astronauts on an 11-minute journey past the Kármán line. Indian citizens can register for the programme by paying \$2.50 for verification checks. The final candidates will be voted on by the public. The potential astronauts can share their stories on mission profile pages, social media, and other platforms to gather votes. Stay tuned for more updates on this!



# CAMPUS BUZZ

## Big news from the UGC!

Starting next academic year, admissions will be open not once but twice! That's right; you'll have two chances to enrol: in January-February or in July-August. No more waiting around an entire year if you miss the first round due to personal or unavoidable circumstances. It's all about making life easier for students and keeping that motivation sky-high. Aligning with global educational standards, this move **aims to boost India's international collaborations, enhance student exchanges, and elevate our global competitiveness.** It's a step towards fulfilling the vision of the National Education Policy (NEP) 2020 to make India a prominent 'Global Study Destination'.



## AI For Safer Highways

On a mission to enhance road safety, National Highways Authority of India (NHAI) has signed a Memorandum of Understanding (MoU) with **Indraprastha Institute of Information Technology (Delhi)** to leverage AI-based solutions to improve the availability of road signs on national highways. IIIT Delhi will conduct surveys to collect imagery and other data related to the availability and condition of road signages on selected National Highways stretches. The tentative length shall be around 25,000 km. The data will be processed using AI to identify road signs and assess their condition accurately. By using AI and GIS technologies, NHAI aims to significantly improve highway safety, marking a milestone in innovation and technology adoption

# UPHOLDING YOUR FUNDAMENTAL DUTIES!

## What You Need To Know

Article 51A, contained in Part IV A of the Indian Constitution, clearly outlines the Fundamental Duties of the country's citizens. They can be defined as the norms every citizen should willingly uphold, recognising their profound responsibility to society and the nation. These duties encapsulate the ethical standards that should guide our daily lives, ensuring responsible and respectful behaviour within our society. Every edition of Yuvaam will talk about one duty in each.

## What Should You Focus On?

This month's highlight would be Article 51(A) (h), **"to develop the scientific temper, humanism, and the spirit of inquiry and reform."** Let's unfold its meaning from the youth's perspective. The youth of today hold the key to fostering a nation grounded in scientific temper and humanism. By cultivating an inquisitive mindset, young people can embrace rationality, driving progress through innovation and research. Scientific temper is based on reasoning; it's a way of life involving methods like questioning, testing, hypothesising, analysing, and communicating. To develop a scientific temper, one needs to encourage curiosity, & develop critical

thinking. Furthermore, humanism is primarily rational coupled with emotional quality. The goal is to understand the rationale & philosophy of scientific temper and orient our thinking towards higher objectives. But first, we must excel in being truly human in thought, word, and deed. By balancing scientific inquiry with a compassionate approach, the youth can drive India towards a future marked by enlightened progress and ethical development. Policies of the Government, like the Scientific Social Responsibility Policy of the Department of Science and Technology (DST) could be a guide in the right direction.



# BRAIN TEASERS

Ready, set, uncover the hidden words in the grid! Each of these 10 clues will tell you an interesting fact about our country. Words might be hidden upwards, downwards, backwards, left, right, or diagonally. Your mission: find the words that match the clues. Let the search begin; happy hunting!

A	T	T	N	A	S	K	H	A	H	J	A			
Y	R	O	S	E	Q	Y	C	O	G	M	T			
U	H	Y	K	E	E	O	L	P	A	O	O			
R	G	U	A	F	R	I	C	S	Z	S	K			
V	X	R	T	B	W	O	S	E	D	Q	I			
E	N	H	H	W	H	A	F	N	L	D	R			
D	N	U	A	I	S	A	N	R	O	S	A			
A	W	M	K	U	Z	Z	T	S	I	A	H			
Q	I	B	A	W	Y	P	H	A	C	G	I			
Q	E	B	L	R	U	P	I	A	J	Q	R			
L	M	S	I	S	A	N	A	R	A	V	S			
V	I	R	A	T	K	O	H	L	I	V	U			

## HINT

- India's first satellite completely designed and fabricated in India
- A dance form that is a blend of dance, music and acting that took shape in Kerala
- Known as the festival of colours
- This city is also known as the 'Pink City'
- Majestic Asiatic lions can be found in \_\_\_\_
- Satish Dhawan Space Centre (SDSC) SHAR is located here
- The UNESCO World Heritage Site "Kaziranga National Park" is located here
- A famous Indian cricketer from Delhi who won Padma Shri in 2017
- A time-tested Indian traditional system of medicine.
- This city is one of the oldest continuously inhabited cities in the world

Answers:  
 1. Aryabhata, 2. Kathakali,  
 3. Holi, 4. Jaipur, 5. Gir  
 forest, 6. Sriharikota, 7.  
 Assam, 8. Virat Kohli, 9.  
 Ayurveda, 10. Varanasi

# ENGAGEMENT CORNER



## Dekho Apna Desh, People's Choice 2024

Pick your favourite tourist attractions



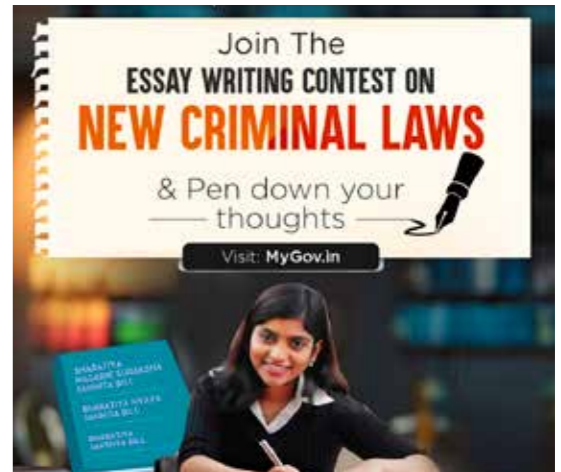
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## Essay Writing Contest on New Criminal Laws

Pen a powerful essay



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## Contest for designing Logo and tagline for Gurugram Metro Rail Limited (GMRL)

Time to put your creative caps on & show us your talent



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