

ATHARVA ROBOTICS CENTER

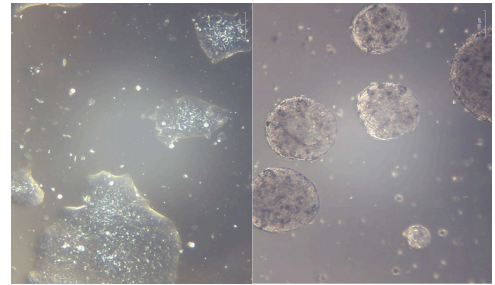
Daily News on Innovation & Technology

16th July, 2025

NASA's SpaceX Crew-11 Mission Gears Up for Space Station Research

By Melissa L. Gaskill, July 15, 2025

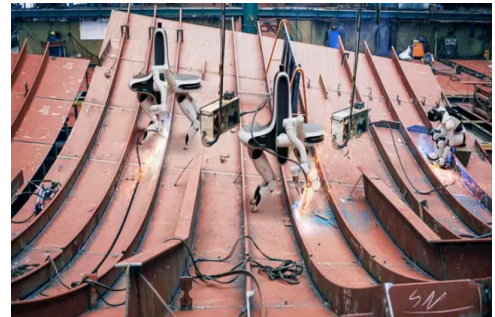
A host of scientific investigations await the crew of NASA's SpaceX Crew-11 mission during their long-duration expedition aboard the International Space Station.



German humanoid robot welder to tackle high-risk jobs at Hyundai's shipyard

By Jijo Malayil, July 15, 2025

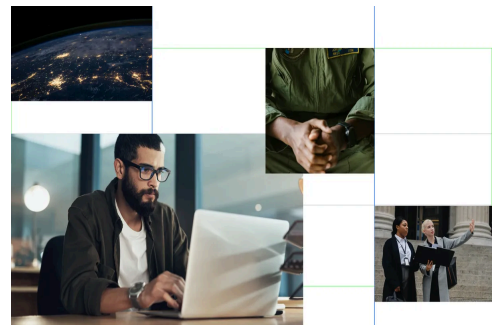
A partnership will result in Korean firms HD Hyundai Robotics and HD Hyundai Samho testing advanced robots in shipbuilding, marking a major step in automating one of the world's toughest industries.



A summer of security: empowering cyber defenders with AI

By Kent Walker, July 15, 2025

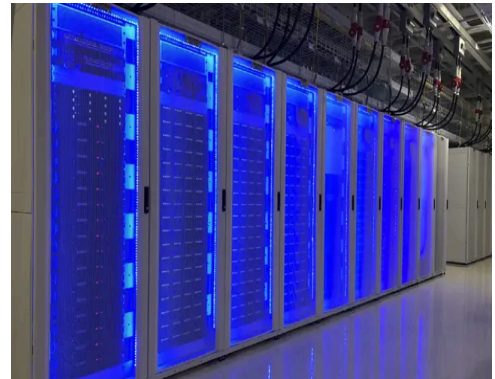
AI provides an unprecedented opportunity for building a new era of American innovation. We can use these new tools to grow the U.S. economy, create jobs, accelerate scientific advances and give the advantage back to security defenders.



[US AI supercomputer Nexus will compute faster than 8 billion humans combined](#)

By Neetika Walter, July 15, 2025

The U.S. research community is set to gain a major AI-powered boost. Georgia Tech and its partners have secured \$20 million from the National Science Foundation to build Nexus, one of the nation's fastest supercomputers, built to accelerate scientific discovery using artificial intelligence.



[Valens Semiconductor's VA7000 Chipsets Enable the Market's First MIPI A-PHY Platform for Embedded Vision by D3 Embedded](#)

By Valens Semiconductor, July 15, 2025

Valens Semiconductor (NYSE: VLN) announced that its chipsets are the keystone connectivity solution for a comprehensive camera-to-processor MIPI A-PHY platform offered by D3 Embedded.



[Harvard's wriggling robot swarm mimics blackworms to move as one on land and water](#)

By Aamir Kholam, July 15, 2025

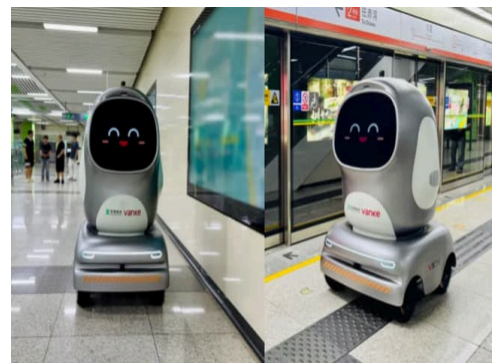
Harvard researchers have turned the nightmarish behavior of California blackworms into the foundation for a new kind of robotic swarm system.



[World's first: Penguin-like delivery robot fleet rides trains to courier goods in China](#)

By Kaif Shaikh, July 15, 2025

Shenzhen's 7-Eleven shops are about to deliver their beverages and snacks by robots that commute on the subway. On Monday, the southern Chinese megacity launched a fleet of 41 autonomous delivery bots that board trains during off-peak hours, exit at stations with 7-Elevens, and wheel consignments straight into the stores.



News Articles

Safely Back On Earth From ISS, Shubhanshu Now Sets Sights On Gaganyaan

Shukh Makes A Big Splash

'I Assure You Even The Stars Are Attainable'

Chetan.Kumar@timesofindia.com

Indian astronaut Shubhanshu Shukla (Shukh) ended his space mission with spacecraft Dragon Grace's gentle splash into Pacific Ocean off the coast of San Diego at 3.02pm (IST) Tuesday, wrapping up months of training, experiments in orbit, and India's latest stride in human spaceflight participation.

When Wing Commander (retd) Raikesh Sharma soared into space aboard a Soviet spacecraft in April 1984, Shukh wasn't even born. It would be another year-and-a-half before he entered the world. Forty-one years later, Shukh's Axiom-4 mission comes at a time India is making a deeper entry into human spaceflight, expanding ambitions beyond satellites & rockets. And this hasn't escaped Shukh, who had said in his last speech from International Space Station: "As this journey completes... India's human spaceflight journey is both long and challenging. But I assure you, if we decide, even the stars are attainable."

Grace had undocked from ISS at 4.45pm on Monday carrying, besides Shukh, mission commander Peggy Whitson and mission specialists Tibor Kapu and Sławosz Uznanski. As part of the re-entry and splashdown operations, Grace began the 18-minute de-orbit burn around 2.07pm (IST) Tuesday. By 2.27pm, Grace jettisoned the trunk, and the nose cone was closed by 2.33pm.

Around 2.57pm, Grace deployed the drogue parachutes and about a minute later, the fo-

SPACE ODYSSEY ENDS IN PACIFIC



Shukla disembarks from Dragon after a splashdown off the coast of California

LIFTOFF & DOCKING

12.01 pm, June 25 | Dragon lifts off with Grace

4.15 pm, June 26 | Grace docks with ISS

4.45 pm, July 14 | Undocking from ISS complete

DE-ORBIT & SPLASHDOWN
2.07 pm, July 15 | Grace begins

de-orbit burn

3.02 pm | Splashdown in Pacific Ocean, off San Diego

RECOVERY OPS

3.07 pm | Crew confirms readiness for recovery

3.29-3.30 pm | Grace lifted onto recovery ship Shannon

3.52 pm | Shukla exits safely

"The excitement is endless and we are very proud (of son)... The whole country is celebrating with us... I will cook his favourite food, whatever he loves to eat"
— ASHA SHUKLA | SHUKH'S MOTHER

Shukla's feat has inspired a billion dreams, says PM

As India's first astronaut to have visited ISS, Shukla has inspired a billion dreams with his dedication, courage and pioneering spirit," PM Modi said, terming the journey as a milestone towards India's human space flight mission. "I join the nation in welcoming Grp Capt Shubhanshu Shukla as he returns to Earth," he posted. Space minister Jitendra Singh said, "India has found a lasting space in the world of space," adding that Shukla might be in Delhi by Aug 17. P 17

ur main parachutes got deployed at an altitude of 1,000 metres. In a three-minute operation, these parachutes together reduced Grace's velocity from 563kmph to 231kmph as altitude dropped to 800m, 600m and 400m, before the splashdown.

At 3.07pm, Peggy radioed to mission control that the

crew was ready for recovery. By 3.30pm, the recovery boats reached Grace. The recovery personnel, wearing PPE suits, first checked for hazardous gases around Grace before beginning rigging the capsule at 3.35pm, as flight surgeons stood by for the initial medical tests to be conducted.

Between 3.29pm and 3.30pm, Grace was nestled on recovery ship "Shannon", when the recovery teams began some routine leak checks and de-rigging and ensured it was safe for the crew to exit from the side hatch.

► Mission cost ₹548cr, P 17

'Mission has validated India's astronaut training protocols'

Axiom-4 mission has tested and validated India's astronaut training protocols in real space conditions, said Air Vice Marshal Anupam Agarwal, former commandant of the Institute of Aerospace Medicine, which is selecting and preparing Gaganyaan astronaut-designates. "Not only was Shukla well selected but also the test standards we developed, procedures we followed and psychological selection methods have now been put through a real microgravity test," Agarwal told TOI. P 17

Source: The Times of India Newspaper, 16-07-2025

Page No 01

Link: https://drive.google.com/file/d/1f9cQ5HWv4D_gGZQgt1VYGE7_hNLvhmV5/view

'Shux's mission validates India's astronaut training'

Critical Step For Gaganyaan Plan: Ex-IAM Chief Agarwal

Chethan Kumar@timesofindia.com

Bengaluru: For the first time, India's astronaut training protocols are being tested and validated in real-space conditions, said Air Vice Marshal Anupam Agarwal, former commandant of the Institute of Aerospace Medicine (IAM), which is responsible for selecting and preparing Gaganyaan astronaut-designates.

In an exclusive interview with TOI, Agarwal, who was an air commodore when he helmed IAM, described Group Captain Shubhanshu Shukla's (Shux) mission to International Space Station (ISS) as part of the Axiom-4 mission as a critical milestone for India's human spaceflight efforts. "The entire aerospace medicine process — physiological and psychological selection — is



COSMIC HAIRCUT: USA's Nichie Ayers doubles up as zero-gravity stylist, giving Shubhanshu Shukla and other Ax-4 crew fresh cuts before their return

being validated. Not only was he selected well but also the test standards we developed, procedures we followed, psychological selection methods, everything is now being put through a real microgravity test."

"It is a fulfilling feeling," he added. IAM's involvement in astronaut screening goes beyond selection. It collects extensive baseline medical and physiological data before a mission. This data is now central to studying how microgravity affects Indian astronauts, according to Agarwal. He said, "Changes, if any, will be compared with

the kind of changes we expect in microgravity. We will study those extensively and try to determine whether our methods for collecting and interpreting baseline data were correct. This will bolster the entire process."

India's limited past exposure to human spaceflight make missions like Shukla's especially important, Agarwal said. "This is extremely complicated and many developed nations have attempted it and were unable to achieve it. For us, international exposure is the best thing that could happen to this programme," he said.

Murmu, Modi welcome Shukla back

New Delhi: President Droupadi Murmu and PM Narendra Modi on Tuesday extended a hearty welcome to Group Captain Shubhanshu Shukla on his return to Earth after a successful mission to the ISS, reports Surendra Singh.

In a post on X, President Murmu wrote, "A hearty welcome to Group Captain Shubhanshu Shukla as he comes back on Earth."

Prime Minister Modi said "as India's first astronaut to have visited ISS, Shukla has inspired a billion dreams with his dedication, courage and pioneering spirit".

Space minister Jitendra Singh also hailed Shukla's safe return, calling it a "moment of pride for the world, a moment of glory" for India.

Singh hinted at Shukla's return to India around Aug 17, after he completes post-mission protocols and discussions abroad.

Isro acknowledges importance of Axiom-4 mission that cost ₹548cr

► Continued from P1

By 3.37pm, Grace was being moved from its initial place on Shannon to a deck where the crew was expected to come out. Between 3.40pm and 3.41pm, the recovery personnel opened the side hatch and began preparations to allow the crew to exit.

At 3.49pm, Peggy slid out of the capsule with a smile, followed by Shux at 5.52pm and mission specialists Sławosz Uznanski and Tibor Kapu in the next couple of minutes. The crew was taken to land by helicopter. Following medical checks, they will be taken to Houston for debriefing and other procedures.

Like Shux, Isro has acknowledged the importance of the mission that has cost



Shubhanshu Shukla's father Shambhu Dayal Shukla and mother Asha Shukla get emotional as they celebrate his and the Axiom-4 crew's return.

India Rs 548 crore. "...Ax-4 is one small step in orbit, but a giant leap in India's pursuit of human spaceflight and scientific discovery," the agency had said post-launch. Isro chairman V Narayanan

had told TOI earlier that benefits from Ax-4 far outweigh the cost. He had stressed that learning outcomes — spanning astronaut training (for two), mission operations, and hardware

software-human interface — could not be measured purely in monetary terms.

Indian Space Association director general Lt Gen (retd) AKBhatt said: "This is a stepping stone for India's future crewed space journeys, including Gaganyaan and goals of landing an Indian on the Moon by 2040. It'll not only support Isro but also give impetus to both global and Indian private space industries."

Satcom Industries Association-India president Subba Rao Pavuluri, echoing Bhatt's views, said: "...While our ancestors explored Planets with intuition, we'll be exploring planets with experimentation and going there. Shukla's mission is the first step to realise 'Bharat's Space ambitions'."

Source: The Times of India Newspaper, 16-07-2025

Page No 17

Link: https://drive.google.com/file/d/1f9cQ5HWv4D_gZQgt1VYGE7_hNLvhmV5/view

454 hints that a chatbot wrote part of a biomedical researcher's paper

Gina Kolata

Scientists know it is happening, even if they don't do it themselves. Some of their peers are using chatbots, like ChatGPT, to write all or part of their papers.

In a paper published this month in *Journal Science Advances*, Dmitry Kobak of University of Tübingen and his colleagues report that they found a way to track how often researchers are using AI chatbots to write the abstracts of their papers. The AI tools they say tend to use certain words—like “delves,” “crucial,” “potential,” “significant” and “important”—far more often than human

authors do. The group analysed word use in the abstracts of more than 15 million biomedical abstracts published between 2010 and 2024, enabling them to spot the rising frequency of certain words in abstracts.

The findings tap into a debate in the sciences over when it is and is not appropriate to use AI helpers for writing papers.

When ChatGPT was introduced in Nov 2022, a collection of words started showing up with unusual frequency. Those words, the investigators report, were not used so often before the release of ChatGPT. They infer the change in word usage is a telltale sign of AI.

In 2024, there were a total of



The AI tools tend to use words—like delves, crucial, potential, significant and important—far more often than human authors do.

454 words used excessively by chatbots, the researchers report. Based on the frequency of the AI-favoured words, Kobak and his team calculate that at le-

ast 13.5% of all biomedical abstracts appeared to have been written with the help of chatbots. And as many as 40% of abstracts by authors from some countries writing in a few less selective journals were AI-generated.

Those numbers, said Adam Rodman, director of AI programmes at Beth Israel Deaconess Medical Centre in Boston, “are almost certainly a lower bound”, because they don't account for human editing of what the chatbot wrote or the chatbot editing of what humans wrote. Rodman was not involved in the study.

Kobak said he was “somewhat surprised” to see so much use of AI in abstracts, summar-

ies of papers' results and conclusions that often are the only things people read. (Kobak and colleagues said no AIs were used in the writing of their paper.)

In academic sciences, some researchers have grown wary of even a whiff of AI assistance in their publications. Computer scientists are aware AI favours certain words, although it's not clear why, said Subbarao Kambhampati, a professor of computer science at Arizona State University and past president of Association for Advancement of AI. Some scientists, he said, have been deliberately refraining from using words like “delves” for fear of being suspected of using AI as a writing

tool. Other scientists seem blasé about the risk of being caught using chatbots.

The journal *Nature* recently surveyed more than 5,000 researchers and asked when, if ever, is it OK to use AI to write a paper. There was no consensus.

Opinions varied, depending on whether AI was used to write an abstract, or entire paper, and whether it was used to edit or summarise. For the situation analysed in the new paper—writing an abstract—23% respondents said it was OK to use AI without acknowledging assistance, 45% said it was acceptable only if researcher reported using AI, and 33% said it was never acceptable. *swr*

Source: The Times of India Newspaper, 16-07-2025
Times Global Page

Link: https://drive.google.com/file/d/1f9cQ5HWv4D_gZQgt1VYGE7_hNLvhmV5/view

Recode the Coder in the Age of AI



Anil Nair

Many sources point to India having more than 5 mn software engineers. Microsoft's GitHub puts the number of developers on their platform in India at 15.4 mn, poised to cross the US by 2027 to become the largest nation of coders and developers.

With 10 mn graduates every year, among them at least half a million software engineers, the problem of unemployment looms large as a result of AI being poised to take over routine tasks. While employability, owing to skill deficits, remains an issue, the middle-class aspiration to get a lucrative software job lives on, undiminished.

So, when former Google CEO Eric Schmidt says that AI will automate and replace most programming jobs in the near future, alarm bells are bound to go off. Schmidt believes that AI is evolving at an unprecedented rate, and is far more sophisticated and advanced than the public perceives. He attributes this to self-improving AI systems increasing capabilities exponentially. Societal unpreparedness in terms of institutional and legal frameworks is a worry, too.

OpenAI's Sam Altman, Anthropic's Dario Amodei, Microsoft CTO Kevin Scott, and Nvidia's Jensen Huang have voiced the same views as Schmidt, the nuanced differences being about immediacy, level of replacement and coding complexity.

The World Economic Forum 'Future of Jobs Report 2025', surveying 1,000 companies in 55 economies across 22 industries, underscores that AI and automation will transform 86% of businesses by 2030. WEF also predicts that 170 mn jobs will be created, while 92 mn jobs will be displaced.

And that's what countries must focus on — the new jobs being created — to shake off the panic relating to sup-

planting current jobs. Specialists in big data, AI/ML and application developers will be among the fastest-growing jobs, followed by cybersecurity, tech literacy and network expertise. In the words of TCS CEO K Krithivasan, the traditional software development life-cycle we are used to will evolve, and new roles may come into play.

AI tools now deliver lower-level plumbing work, monotonous code generation and routine debugging very well. But they cannot yet replace judgement emanating from long experience and deep domain knowledge, tested in scalable, complex, real-use conditions. Experts put it in perspective when they reference race conditions in code — like when two or more threads try to access the same code concurrently, and the result is contingent on which thread acts first, calling for timely human intervention from those with proficiency over language, business context and systems.

Despite the AI onslaught, there are many areas countries could focus on where humans perform better. Like AI interaction design, about the iterative refining of prompts to achieve optimised outcomes in coding and debugging. Or data curation, involving annotation, labelling data, tagging images and transcribing audio for training AI models.

Globally, the data annotation market alone is expected to expand from \$6.5 bn to \$20 bn by 2030, and from \$80 mn to \$500 mn in India in the same period.

It augurs well that the employment levels of annotators, quality controllers and project leaders are already up from 20,000 in 2022 to 70,000 today, acknowledging the shift underway from writing code to managing data intelligently. Allied fields include AI system architecture, ethics and governance, and cybersecurity for AI systems. Also, designing systems incorporating human oversight and nuanced interventions to prevent AI hallucination and errors.

Meta's recent 49% acquisition of Scale AI, a data company that puts its valuation at \$29 bn, highlights that data is as strategic as compute.

So, what next? The WEF report indicates that 47% of work done primarily by humans (and the rest by machines) will progressively decrease, but the 30% that involves collaborative man-machine effort will increase. Some aspects will make a big difference in this evolving world — collectively, our ability to use AI as augmented intelligence and our frontier thinking ability to push the limits of reasoning. At an individual level, producing graduates in the arts, sciences and engineers with basic skills and a little more — critical thinking to define the right problems, problem-solving skills, industry expertise and continuous learning.

We can't afford to be left behind by the very revolution we ignited.

The writer is founder, ThinkStreet



Well, someone has to feed the machine

Source: The Economic Times Newspaper, 16-07-2025

Page No 06

Link: https://drive.google.com/file/d/1UV6_8lzu23bWZiDRseZUclknEvUR6Lzw/view

Scoring with AI not Enough to Crack US Enterprise Code

Indian AI startups seek strategic partners, investors to make inroads

Swathi Moorthy

Bengaluru: Indian artificial intelligence startups, which are making a beeline to the US to be close to customers, are taking longer to conclude deals and run pilots with US enterprises, amid rising competition and changing business landscape, founders and investors said.

These startups are looking at strategic partners and investors who have deep enterprise networks and can help them connect with potential customers, they told ET.

In SaaS, where the market had evolved and people were buying, founders were able to get a couple of customers through emails and messages, but in the AI world, confusion is high even for buyers, Accel India partner Shekhar Kirani said. "So, they need assistance at least for the next 12-24 months, when it becomes obvious that the products work."

Enterprise sales have always been hard and required the founders to work on-site to gain trust.

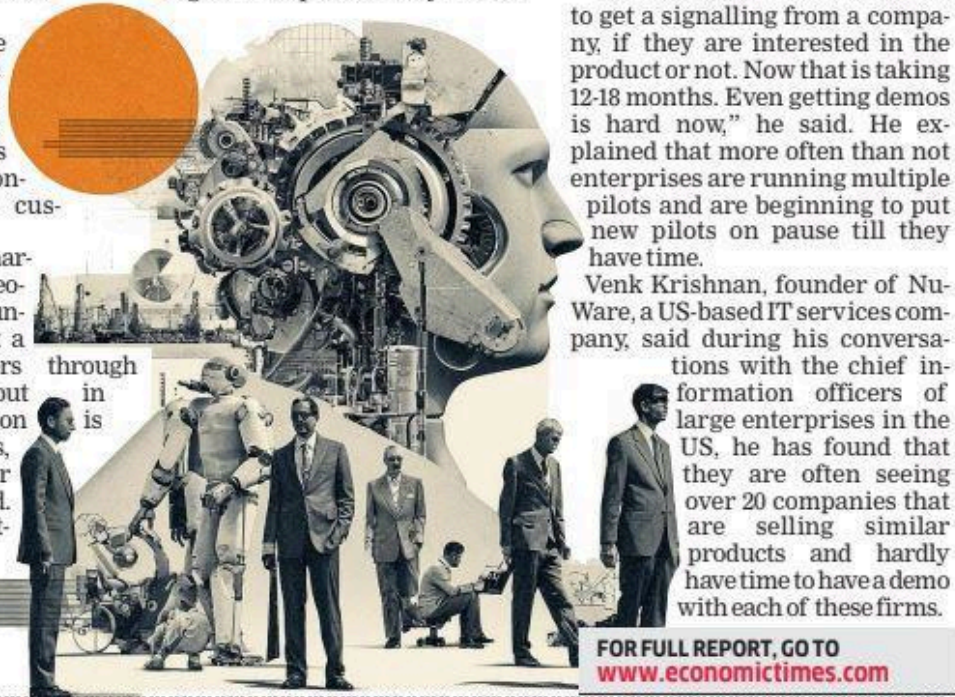
In the last couple of years, AI has changed the landscape by drastically bringing down the time taken to develop a product. This has resulted in proliferation of AI platforms and applications, cluttering the market, increasing competition and changing the enterprise sales dynamics.

LONGER SALES CYCLES

Pradeep Ayyagari, cofounder, SnowMountain AI, an agentic AI platform for banking and financial services, said with AI coming in, the time taken to close the deals have increased significantly, with some companies going as far as getting into code-level discussions to gain trust from customers.

"Earlier it would take 6-9 months to get a signalling from a company, if they are interested in the product or not. Now that is taking 12-18 months. Even getting demos is hard now," he said. He explained that more often than not enterprises are running multiple pilots and are beginning to put new pilots on pause till they have time.

Venk Krishnan, founder of NuWare, a US-based IT services company, said during his conversations with the chief information officers of large enterprises in the US, he has found that they are often seeing over 20 companies that are selling similar products and hardly have time to have a demo with each of these firms.



FOR FULL REPORT, GO TO
www.economicstimes.com

Source: The Economic Times Newspaper, 16-07-2025

Page No 15

Link: https://drive.google.com/file/d/1UV6_8lzu23bWZiDRseZUclknEvUR6Lzw/view

Sarvam.ai will Open Source its IndiaAI Mission AI Models

IndiaAI Mission CEO Abhishek Singh clears stand at an open-source software meet

Suraksha P

Bengaluru: Bengaluru-based artificial intelligence (AI) startup Sarvam.ai will be open sourcing the models it is training as part of the IndiaAI Mission, Sarvam co-founder Vivek Raghavan, told ET.



Co has received the highest subsidy allocated under the IndiaAI Mission

This will be done under permissible licenses, he said. The company has received the highest subsidy allocated under the IndiaAI Mission so far at ₹98.68 crore, out of a bill of ₹246.71 crore for access to 4,096 Nvidia H100 GPUs for six months, as per the IndiaAI website.

As part of the first phase of approvals, Sarvam.ai was selected by the IndiaAI mission to initiate the development of an indigenous foundational AI model.

At an open source software meeting at IIIT-D on Saturday, Abhishek Singh, CEO, IndiaAI Mission, in a virtual address, had said that the Government of India-sponsored large language models (LLMs) (including Sarvam's) have been decided to be made open source. On Tuesday, Singh confirmed the same to ET.

Source: The Economic Times Newspaper, 16-07-2025

Page No 15

Link: https://drive.google.com/file/d/1UV6_8lzu23bWZiDRseZUclknEvUR6Lzw/view

Shubhanshu Shukla Brings Smiles Home from 18-day Space Odyssey

SpaceX Dragon capsule carrying Indian group captain and three other crew members splashes down off the coast of San Diego

Our Bureau

Bengaluru: After 18 days in space, Group Captain and astronaut Shubhanshu Shukla felt gravity again on Tuesday. Stepping out of the Dragon capsule with a grin and the Indian flag on his shoulder, Shukla or Shux became the second Indian to travel to space and the first to enter the International Space Station (ISS) through the Axiom-4 (Ax-4) mission.

The SpaceX Dragon capsule carrying pilot Shukla and three other crew members, mission commander Peggy Whitson and project astronauts Tibor Kapu and Sławosz Uznanski-Wisniewski splashed down off the coast of San Diego, California, at approximately 3:02 pm IST on July 15. The return journey from the ISS to splashdown lasted 22.5 hours.

The Ax-4 mission, seen as a precursor to Indian Space Research Organisation's (ISRO) upcoming Gaganyaan human spaceflight programme, saw Shukla conduct seven microgravity experiments aboard the ISS, a first for an Indian national. Prime Minister Narendra Modi welcoming Shukla's return to Earth said, "As India's first astronaut to have visited the International Space Station, he has inspired a billion dreams through his dedication, courage and pioneering spirit." The PM, who also holds the portfolio of Space, added that the mission's success marked "another milestone towards our own Human Space Flight Mission - Gaganyaan."

Shukla and his crew members will spend seven days in a rehabilitation programme. Medical evaluations will be conducted, covering physical



Tears and prayers as Shubhanshu Shukla's family celebrates Axiom-4 crew's safe return to the earth. - ANI

fitness, balance, reflexes, cardiovascular function, and immune response. The astronauts will be debriefed about the mission experience



NARENDRA MODI
@NARENDRAMODI

I join the nation in welcoming Group Captain Shubhanshu Shukla as he returns to Earth from his historic mission to Space. As India's first astronaut to have visited International Space Station, he has inspired a billion dreams through his dedication, courage and pioneering spirit. It marks another milestone towards our own Human Space Flight Mission - Gaganyaan.

and research experiments. The data will help the partner nations to plan future collaborative space missions. Experts say extended exposure to

microgravity can lead to temporary bone loss, muscle weakening, and changes in how fluids move through the body. This can affect everything from blood circulation to organ function. NASA specialists noted that astronauts often return with symptoms like swollen faces, thinner legs, changes in vision, and even a slight increase in height during their time in orbit.

ISRO in a statement earlier said "Gaganyatri Shubhanshu Shukla has successfully completed all seven microgravity experiments and other planned activities, achieving significant milestones in the mission."

The space agency said all planned experiments were successfully completed.

FOR FULL REPORT, GO TO
www.economicstimes.com

Source: The Economic Times Newspaper, 16-07-2025

Page No 15

Link: https://drive.google.com/file/d/1UV6_8lzu23bWZiDRseZUclknEvUR6Lzw/view

Drone mapping of sub-drains underway in Delhi to deal with waste going into Yamuna

STATESMAN NEWS SERVICE
NEW DELHI, 15 JULY

The Delhi government has started the survey of city's drains using drones, an initiative to assess the situation of the untreated waste that is added to the large drains by these smaller ones.

The initiative is a part of the larger mission of Yamuna cleaning, and is aimed to bring out the status of the untreated waste being pumped into the bigger drains that finally empty out into the river.

According to minister Verma, there are around 300 such sub-drains across the city, that finally empty into the 22 large drains in the city, which add to the pollution levels.

The bigger drains of the



city include Shahdara drain, Najafgarh drain (Sahibi river), supplementary drains and others, that finally discharge into the Yamuna.

According to the minister, the concerned department is conducting a survey of these sub-drains using drones, as it is crucial to know the origin,

map and the complete outflow of each of these, to come up with a comprehensive policy. The minister who is in-charge of the Irrigation & Flood Control department and is also the water minister said that the I&FC and the Delhi Jal Board are already working to clean these drains and are treating their waste.

It is being said that the survey will also help identify those faulty mix ups of sewer lines and the storm water drains and accordingly repair those points to prevent the extra pollution adding into the storm water channels.

The government is also working to connect the drains to the Sewerage Treatment Plants (STP), in a bid to curb the disposal of pollution into the river Yamuna.

Source: The Statesman Newspaper, 16-07-2025

Page No 05

Link: <https://drive.google.com/file/d/1enXISGUVFXub4qYTRQUAnPTnkUCVmf26/view>



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING
(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)
ISO 21001:2018 ISO 14001:2015 ISO 9001:2015
NAAC Accredited A+



ATHARVA
ROBOTICS CENTER

ATHARVA ROBOTICS CENTER

ATHARVA COLLEGE OF ENGINEERING, MALAD-MARVE ROAD, CHARKOP NAKA, MALAD (WEST), MUMBAI-400095