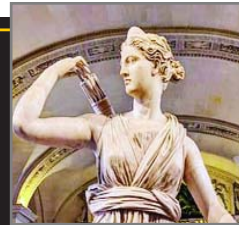




THE TIMES OF INDIA

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**TODAY'S
EDITION**

➤ Find out who is Artemis and why is NASA's missions named after Greek Gods and Goddesses in News to Use

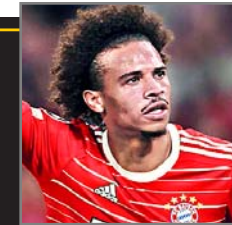
PAGE 2


➤ Find out the history of memes, and how and why is it so popular with this generation in 'Web-Star'

PAGE 4
IE DOES NOT SIMP!

I AN ARGUMENT WI

➤ Champions League: Bayern Munich defeat Barcelona, Liverpool grab late winner

PAGE 6

STUDENT EDITION

THURSDAY, SEPTEMBER 15, 2022


FACTOID
253

The number of political parties declared inactive by the Election Commission of India. It has also delisted 86 Registered Unrecognised Political Parties (RUPPs) after they were found 'non-existent'. Section 29A of the Representation of People's Act, 1951, requires that every political party must communicate any change in its name, head office, office bearers, address, PAN to the commission without delay

**Quote
unquote**


Floods, droughts, heat-waves, extreme storms and wildfires are going from bad to worse, breaking records with alarming frequency. There is nothing natural about the new scale of these disasters. They are the price of humanity's fossil fuel addiction. Climate impacts are heading into uncharted territory of destruction. Catastrophes will become commonplace, should the world economy fail to decarbonise in line with what science says is needed to prevent the worst impacts of global heating.

ANTONIO GUTERRES, UN SECRETARY GENERAL



11-year-old spins 22 times in 1 minute on wave board, sets world record

Hardik Raghuvanshi, a class VII student of Bright Day School's CBSE unit at Vasna-Bhayli Road, Vadodara, has set a new world record with 22 rotations in one minute on a caster board. With 360 degree rotations, the 11 year old Raghuvanshi made it to the Guinness World Records. "I used to ride caster board for three years. One day, while I was performing a stunt, I rotated my caster board in circular motion. At that moment, I realised that I could perform 360 degree rotations continuously," said Hardik, talking about his feat. Before he attempted the record, he practised for nearly a year without undergoing any classes or coaching for the caster board. Initially, Hardik also fell while attempting rotations on the caster board, however, he eventually reached his goal within 17 days.



Hardik has broken the previous record that was held by a 17-year-old boy, Javier Lopez from California, United States, who had completed 18 rotations in a minute on the caster board in February 2019

A caster board, vigorboard or wave-board is a two-wheeled, human-powered land vehicle. Other names are J-board and RipStik (sometimes written ripstick or rip stick), both of which are derived from commercial brands. It has two narrow platforms known as 'decks' that are joined by a torsion bar, which consists of a metal beam, usually coated by rubber that that houses a strong spring

**YOUNG
ACHIEVER**


'FIRST TRIAL FOR GAGANYAAN TO BE DONE BY END OF 2023, OR BEGINNING OF 2024'

Union minister of state for the ministry of science and technology, Jitendra Singh on Tuesday said that the first trial for Gaganyaan, India's maiden human space mission, will be done by the end of 2023 or at the beginning of 2024. The minister said that the female-looking robot - Vyoma Mitra will be sent after the first test flight. Earlier in July, the minister had announced that the trials of the mission scheduled to take place in 2023 will be conducted by the end of this year.



ALL ABOUT GAGANYAAN

WHO WILL BE GOING ON INDIA'S FIRST SPACE MISSION?

The Indian Air Force had identified four fighter pilots as the potential crew for the human space flight mission. The potential crew had undergone basic training in Russia.

WHEN WILL GAGANYAAN TAKE OFF?

The Indian Space Research Organisation (ISRO) will send at least two astronauts into a low earth orbit in 2024 after assessing the outcome of the two orbital test flights, as per the minister.

■ Officials said during the test mission, the spacecraft will be launched to an altitude of 15 km during which space scientists will simulate an abort scenario to ensure the return crew capsule to the Earth using parachutes.

■ The second orbital test flight will take the Gaganyaan crew capsule to a higher altitude and undergo a similar abort scenario to perfect the system.

WHO IS VYOMA MITRA?

Vyoma Mitra is the name of the woman humanoid robot, which will go to space. The humanoid will be sent into outer space next year, following the first test-flight of Gaganyaan, which is scheduled later this year. ISRO's K Sivan had previously said that the robot, which has distinctly feminine features and even fake hair, can be used for monitoring parameters, and for communicating with astronauts. In space, the robot can help astronauts with everyday activities. It will simulate the exact human functions in space; will check whether the systems are right

HOW ISRO IS MAKING A MARK IN SPACE

1 ISRO also plans to launch the Chandrayaan-3 mission to the Moon sometime next year. Officials said there were two launch windows for the moon mission next year in February and July.

2 Chandrayaan-3 is a successor to the Chandrayaan-2 mission that crash-landed on the lunar surface.

3 More recently, ISRO announced that it is developing "intelligent" geostationary communication satellites that can be re-configured by changing frequencies and bandwidth as per the demand profile from customers.

NASA PREPARES TO LAUNCH ARTEMIS I MOON MISSION ON SEPTEMBER 27

➤ NASA will attempt to launch its Artemis I moon mission on September 27 after two failures, with a potential backup opportunity of October 2 under review. NASA said that it adjusted the targeted dates for a cryogenic demonstration test and the next launch opportunities for Artemis I.

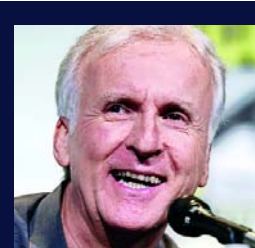
➤ The agency will conduct the demonstration test on September 21, before going for the launch. On September 3, NASA attempted to launch Artemis I but called it off after detecting a liquid hydrogen leak. (More on Page 2)

Cameron says 'Avatar' puts people back into child-like wonder about nature

Visionary film-maker James Cameron says his popular film 'Avatar' resonated with people across cultures, as it combined the themes of nature and environment with the science fiction genre. According to Cameron, 'Avatar' reminded the audience about their innate love for nature and the beauty around us. "I think people found a universal human experience that they could relate to. And there's one other thing, which is, when we were kids, we just innately loved nature, animals, we loved being out in nature. As our lives progress, we become more and more away from nature, he said.



The multiple Oscar-winner is bringing back the 2009 blockbuster movie, starring Sam Worthington, Zoe Saldana, Sigourney Weaver to the theatres for another run



that child-like wonder about nature, about nature's grandeur and complexity and beauty —James Cameron

Society at large anywhere in the world is suffering from nature deficit disorder of some kind. This movie puts us back into

- Set in 2154, 'Avatar' explored how humans establish a colony on a fictional moon called Pandora, populated by lush green forests, huge beasts and its native community Na'vi.
- The film focuses on Jake, a paraplegic US Marine dispatched, who is transported to Pandora on a unique mission but becomes torn between following his orders and protecting the world he feels is his home

NOW, INSTAGRAM IS INTERNALLY TESTING NEW TIPPING FEATURE FOR CREATORS

Meta-owned photo and video-sharing platform Instagram is internally testing a new tipping feature for creators on the platform, media reports say. The test feature called 'Gifts' would enable creators to earn money through Reels, reports TechCrunch...

■ The feature was first spotted by app researcher Alessandro Paluzzi back in July, when Instagram was developing the feature under the name "content appreciation".

■ According to screenshots posted by Paluzzi, the feature would allow creators to toggle an option that will enable their fans to send them "Gifts".

■ Creators would also be able to check if they are eligible for the feature under a new Gifts tab in their settings. The screenshots also suggest that users would be able to send Gifts via a button displayed at the bottom of Reels.

■ In 2020, Instagram launched Badges, a



feature that allows users to show support to creators during a live video. Badges can cost \$0.99, \$1.99 or \$4.99. ■ When users purchase a badge during a live video, a heart icon appears next to your name in the comments, the report said.

Geography/Mythology

WHO IS ARTEMIS?

Why is NASA mission named after her?



TEACHER PROMPT: Female astronauts are less likely to be selected for missions than men because their bodies tend to hit NASA's maximum acceptable threshold of radiation earlier. Discuss in class factors that make it tough for female astronauts to go to space.



It's Always Greek For NASA!

Nasa has a long history of naming its missions after mythological figures. ■ Starting in the 1950s, many rockets and launch systems were named after Greek sky deities, like Atlas and Saturn, whose Greek name is Cronos.

■ Atlas and Saturn weren't just gods, they were Titans. In Greek mythology, Titans represent the untamed, primordial forces of nature, and so they evoke the prodigious vastness of space exploration. ■ Following the advent of human space flight, NASA began naming missions after children of Zeus who are associated with the sky.

■ The Mercury program, active from 1958 to 1963, was named after Hermes' Roman counterpart, the messenger god who flies between Olympus, Earth and the underworld with his winged sandals.

■ Starting in 1963, the Gemini program featured a capsule designed for two astronauts and was named after the twin sons of Zeus – Castor and Pollux, known as the Dioscuri in Greek – who were cast in the stars as the constellation of Gemini.

■ The space shuttle programme, from 1981 to 2011, had names Columbia, Challenger, Discovery, Atlantis and Endeavour that were meant to evoke a spirit of innovation.

With Artemis, NASA is nodding back to the Apollo program, which lasted from 1963 to 1972 and put the first men on the Moon in 1969. NASA expects to bring the first woman and person of colour to the Moon on Artemis III in around 2024

Artemis I will send a rocket without a crew on a month-long journey around the Moon. The programme aims to increase women's participation in space exploration – 30% of its engineers are women. In addition, the Artemis I mission will carry two mannequins designed to study the effects of radiation on women's bodies so that NASA can learn how to protect female astronauts better.

Artemis, the Greek Goddess

The name of the mission is quite evocative: The Greeks and Romans associated Artemis with the Moon, and she has also become a modern-day feminist icon. Artemis was a major deity in ancient Greece, worshipped at least as early as the beginning of the first millennium BC. She was a daughter of Zeus, the chief god of the Olympians. With Artemis, NASA is nodding back to the Apollo program, which lasted from 1963 to 1972 and put the first men on the Moon in 1969. Over 50 years later, Artemis will pick up where her twin brother (Apollo) left off, ushering in a diverse era of human space flight.

Artemis was a virgin goddess of the wilderness and hunting. For example, in a poem titled 'Artemis,' author Allison Eir Jenks writes: "I'm no longer your god-mother ... your chef, your bus-stop, your therapist, your junk-drawer," emphasising women's freedom and autonomy. As the goddess of wilderness, Artemis has also inspired environmental conservancy programs, in which the goddess is viewed as an example of a woman exercising her power by caring for the planet.

LESSONS FROM THE WORLD

As students, while it is important to know about what's happening around the world, what is more essential is to have an in-depth perspective of events that will help you build your skill sets. Be it political, social, economic, climatic events, Times NIE presents you handpicked, curated news that will be of help to you in the classroom and give you an edge over others

Countries and Culture

MILITARY CALLING FOR BTS? Or will they get to skip?



NEWSMAKER of the month

South Korea may conduct a public survey to help determine whether to grant exemptions to mandatory military service to members of the K-pop boy band BTS, officials said.

WHY IS THE WORLD TALKING ABOUT IT: The issue of active military service for the band's seven members has been a hot-button topic in South Korea because its oldest member, Jin, faces enlistment in December, when he turns 30. Defence Minister Lee Jong-sup told lawmakers that he ordered officials to implement a survey quickly. He said his ministry will also look into various other factors such as BTS's economic impact, the importance of military service and overall national interest.

After his comments created a stir, his ministry clarified in a statement that Lee ordered officials to examine whether such a survey is needed, rather than launch it immediately.

WHAT DOES THE LAW STATE: By law, all able-bodied men in South Korea must serve 18-21 months in the military under a con-

scription system established to deal with threats from rival North Korea.

WHO GETS EXEMPTED: But the country gives exemption to athletes, classical and traditional musicians, and ballet and other dancers who win top places in certain competitions because they are considered to have enhanced national prestige.

Those exempted are released from the military after taking three weeks of

basic training. But they are required to perform 544 hours of volunteer work and serve in their respective professional fields for 34 months.

Some politicians and others have called for expanding the scope of exemptions to include K-pop stars such as BTS because they have elevated South Korea's international image significantly as well.

A private survey earlier this year showed about 60% of respondents supported military exemption for BTS.

CLASS ACTIVITIES

■ Create a mock survey. Make a questionnaire on reasons why BTS may be exempted from military service.

■ With India launching a voluntary military prog called Agnipath, do you think military training for youngsters is a good idea? Discuss.



TIMES NIE Reporter

Inaya Gala is a student of Class IX from Sprindales, Pusa Road, Delhi

The Writer's Block

Have you ever come across an interesting plot for a story that struck you suddenly, and then tried to put it on paper? Human imagination is diverse and complex, so I am certain that you have encountered these moments in your life too. There is inspiration and abundance of ideas all around us. Yet, to put imagination to words, and translate thoughts to plots, one may face quite a few hurdles and blocks. How can one overcome the writer's block, experienced by even bestseller authors?

MY LEARNINGS, AS I PEN MY NOVEL...

1 The first step to writing a novel, is reading novels. Reading helps you discover what genres you like, how authors develop their characters, and what kind of writing style suits the genre, etc. When you read, you get a basic idea of how a story evolves, characters shape up and a reader's interest can be developed. When you've been a reader and a book lover for a long-time, it is easier to write too.

2 One of the most important aspects of writing a book is to broadly know what kind of book you wish to write, and have a basic idea of what exactly you want from the book. Is it sci-fi? What kind of sci-fi? Is it horror? A psychological horror? You should never force yourself to design a plot. Most masterpieces strike you naturally. Let it evolve naturally 'in the moment of your thought.'

3 I discovered my penchant for horror stories during a school trip in 2019. Once I got to know what I wanted to write on, I put my thoughts together, and that's when I found it difficult to develop it into plots and sub plots. What I gathered was that one must keep thinking about it obsessively. Once you develop the initial idea, think about what happens before it and what could happen after. Then, the rest will fall into place. And before you know it, you have the structure of your book ready.

4 Importantly, do not give up. There would be times when your plot is not heading anywhere. What you need to do is take a walk, come back, and restart. Pausing is fine, but stopping isn't.



Environment

SHARKS frequent urban beaches now



Experts say the study is more concerning for sharks given they face threats from fishermen and polluted shorelines

Beachgoers in some urban areas are probably swimming near sharks without realising it, according to a University of Miami study that tracked their movements off the southern Florida coast. As part of the study, three different species of shark – bull, nurse, and great hammerhead – were tagged with small transmitters and their movements monitored for several years. The researchers had expected sharks to stay clear of crowded areas like large land animals tend to do, but instead found them spending a significant amount of time in waters where people like to take a dip.

"Although this might make you a bit nervous, to me it just proves the point that sharks really don't want to bite people, and that, in fact, sharks really tolerate people and tend to avoid them," said Neil Hammerschlag, director of the University of Miami's Shark Research & Conservation Program.

TALKING POINTS

- Why do you think species are moving away from their core habitats?
- How do you think the change in habitat could alter a shark's life?

