

September - 28

NATIONAL

India's first full-arm transplant

- ❖ India's first full arm transplant was performed at the Kerala-based Amrita Hospital.
- ❖ It is the third of its type in the world.
- ❖ Such a transplant was only performed previously in Mexico and France.
- ❖ In 2015, Amrita Hospital conducted the country's first-hand transplant on a 30-year-old man.



Lok Manthan program



- ❖ The third edition of the Lok Manthan program started at the Srimanta Sankardeva Kalakshetra in Guwahati.

- ❖ This year's theme for the Lok Manthan is Lok Parampara (Lok Traditions).
- ❖ It will emphasize that the Lok Traditions have kept our culture and heritage alive and intact.
- ❖ It has strengthened our feelings toward National Selfhood.

INTERNATIONAL

Major non-NATO ally

Named by George H. W. Bush

-  Australia (1989)
-  Egypt (1989)
-  Israel (1989)
-  Japan (1989)
-  South Korea (1989)

Named by George W. Bush

-  Bahrain (2002)
-  Philippines (2003)
-  Taiwan (de facto) (2003)
-  Thailand (2003)
-  Kuwait (2004)
-  Morocco (2004)
-  Pakistan (2004)

Named by Bill Clinton

-  Jordan (1996)
-  New Zealand (1997)
-  Argentina (1998)

Named by Barack Obama

-  Afghanistan (2012)
-  Tunisia (2015)

- ❖ US President Joe Biden has terminated the designation of Afghanistan as a major non-NATO ally.
- ❖ Taliban captured power in Kabul more than a year before.
- ❖ In 2012, the United States named Afghanistan a major non-NATO (MNNA) ally.
- ❖ It cleared the way for the two countries to maintain a defence and economic relationship.
- ❖ The designation gave several facilities and concessions to Afghanistan in terms of defence and security-related assistance and equipment.
- ❖ The MNNA status was first created in 1987.
- ❖ With Afghanistan's status withdrawn, the US will have 18 major non-NATO allies.

Clash at Lachin corridor

- ❖ Armenian and Azerbaijani soldiers have been killed during the recent clashes at the border.
- ❖ The two former soviet republics have been engaged in long-running conflicts over the disputed territory of Nagorno-Karabakh region.

- ❖ The disputed territory has been internationally recognized as part of Azerbaijan.
- ❖ But is currently under the control of Armenian separatists.
- ❖ The Lachin Corridor is part of the Lachin District of Azerbaijan.
- ❖ But it was under the control of the Russian peacekeeping force as per the 2020 Nagorno-Karabakh armistice agreement.
- ❖ The Lachin District returned under the control of Azerbaijan on August 26, 2022.
- ❖ The recent clash is the deadlines to break out between Armenia and Azerbaijan since the 2020 clashes.
- ❖ A peace deal brokered by Russia ended the 2020 war between the neighbours.
- ❖ It also resulted in Armenia withdrawing its troops from some of the occupied territories within Azerbaijan.



ECONOMY

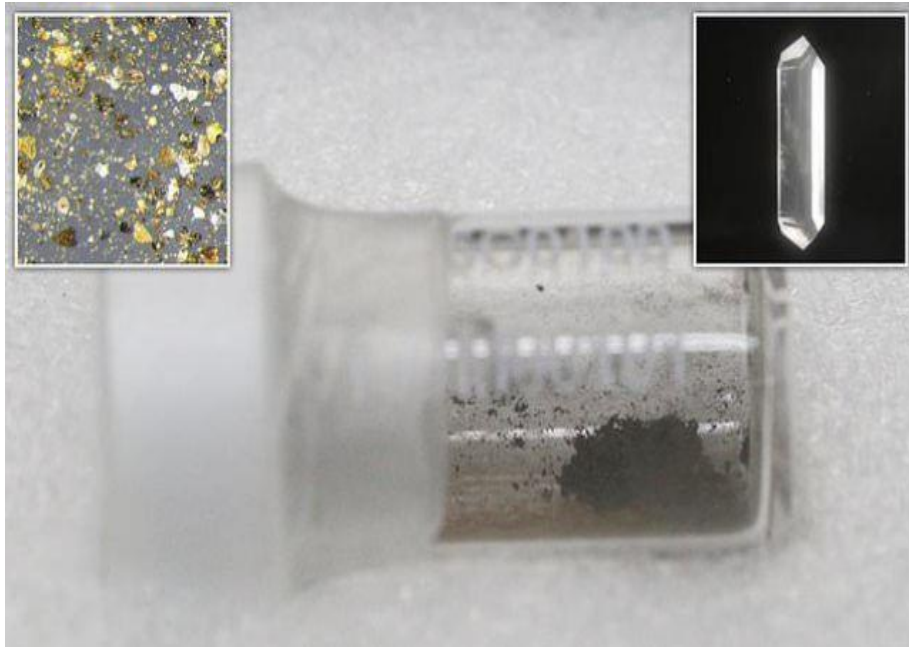
First plant-based Meat



- ❖ Greenest, which is a leading plant protein food brand, has shipped India's first plant-based meat export consignment to the USA from Gujarat in India.
- ❖ The plant-based consignment is 5000 kg and consists of mini samosas, hot and spicy strips and other vegan products.
- ❖ Greenest is India's pioneer in plant-based protein products.

SCIENCE AND TECHNOLOGY

New type of mineral on Moon



- ❖ A new type of crystal was discovered by researchers in China from the near side of the Moon.
- ❖ The newly discovered crystal was named Changesite-(Y) after the Chinese moon goddess Chang'e.
- ❖ This small and transparent crystal was found among the volcanic debris of the near side of the moon.
- ❖ It is more than a billion years old and its width is almost comparable to human hair.
- ❖ It has a unique composition and is related to other minerals found only found on the lunar surface or in meteors.
- ❖ The crystal was found among the 1.8 km of lunar rocks brought back by Chang'e-5 mission in 2020.

- ❖ These samples are the first to be delivered to the Earth from Moon since 1976 and the first ever lunar samples collected by China.
- ❖ The Changsite-(Y) crystal is the sixth new mineral to be discovered on the Moon and the first identified by China.
- ❖ The previous 5 discoveries were made by either the United States or Russia.

First lunar rover of UAE



- ❖ United Arab Emirates will launch its first lunar rover named Rashid from Kennedy Space Centre in Florida in November 2022.
- ❖ The rover would reach the Lunar surface aboard the Hakuto-R lander of Japan's ispace sometime in March next year.
- ❖ If this lunar mission is successful, the UAE and Japan will rank among the US, Russia and China as being the only countries to land a spacecraft on the lunar surface.
- ❖ Its destination the Lacus Somniorum – the Lake of Dreams – is situated close to the lunar equator.

- ❖ The Rashid rover will study the lunar surface, mobility on the surface of the moon and how different surfaces interact with the particles on the moon.
- ❖ The rover is named after Dubai's former ruler Sheikh Rashid bin Saeed Al Maktoum.

ENVIRONMENT

Fridays for Future Campaign in Germany



- ❖ Fridays for Future activists have launched climate change protests in Germany and other countries.
- ❖ Over 270 cities and towns across Germany are taking part in demonstrations
- ❖ One of the biggest rallies took place in Berlin, where over 36,000 people gathered to conduct climate demonstrations.
- ❖ These protesters are calling for the stopping of global warming and demanding the German government to set up a 100-billion-euro funding to expand renewable energy use.
- ❖ They are also demanding the cancellation of financial and climate debts to developing countries.

- ❖ These protests were organized 6 weeks before the start of the UN Climate Summit (COP27), which is set to take place in Sharm El-Sheikh, Egypt.
- ❖ Countries like Italy, South Korea, the United States and the Democratic Republic of Congo have also witnessed similar protests.

STATES

Women only day

- ❖ Uttar Pradesh Legislative Assembly is all set to have a day reserved for women legislators to speak and raise women-centric issues in the House.
- ❖ It will allow putting forward the problems and achievements of the state and other important issues in the House.
- ❖ Uttar Pradesh Legislative Assembly has 403 members.
- ❖ Out of which, there are 47 women MLAs including 22 first-timers.

Avalanche Monitoring Radar



- ❖ The Indian Army and Defence Geoinformatics and Research Establishment (DGRE) jointly installed India's first avalanche monitoring radar in North Sikkim.
- ❖ This radar is a first of its kind in India.
- ❖ It has the capability to detect avalanches within three seconds of its trigger.

- ❖ It will assist in saving troops' lives and reducing damage to property in super high-altitude areas.
- ❖ The avalanche radar was made operational by DGRE () of DRDO.

PERSONALITIES, AWARDS, AND EVENTS

First Queen Elizabeth II award

- ❖ Britain's Indian-origin Home Secretary Suella Braverman has been named winner of the first-ever Queen Elizabeth II Woman of the Year award.
- ❖ The awards recognise the achievements of individuals from across Britain's South Asian community via public nominations.

