



June - 14

TNPSC BITS

- ❖ The SIMS Hospital, Chennai, has successfully performed India's first combined transcatheter aortic valve replacement (TAVR) and Frozen Elephant Trunk (FET) graft procedure on a 61-year-old patient from Mumbai.
- ❖ Union Minister for Finance chaired the 6th meeting of the Governing Council (GC) of the National Investment and Infrastructure Fund Limited (NIIF) in New Delhi.
- ❖ The Full Bench of Lokpal of India has adopted a new Motto "Empower Citizens, Expose Corruption".
- ❖ The Indian Navy and UK Royal Navy conducted a Passage Exercise (PASSEX) in the North Arabian Sea.
- ❖ The Indian Army is participating in the multinational military exercise named as 22nd edition of Khaan Quest in Mongolia.
- ❖ India's first underwater museum and artificial coral reef will be developed around the decommissioned warship INS Guldar near the Nivati Rocks at Vengurla in Sindhudurg district of Maharashtra.
- ❖ India has hosted the 3rd International Telecommunication Union (ITU-T) Focus Group on AI-Native for Telecommunication Networks (FG-AINN) in New Delhi
- ❖ India, as the Vice President of the International Organization for Marine Aids to Navigation (IALA), participated in the 2nd Session of the IALA Council, held in Nice, France.
- ❖ The Quality Council of India (QCI) has launched the revamped NABL Portal and Gunvatta Samarpan Initiative to enhance digital accreditation access for MSMEs and promote public commitment to quality standards.

TAMIL NADU NEWS

Mettur Dam open 2025

- ❖ In the 92-year history of the Mettur Dam, this year marks the 20th time that water has been released for delta irrigation on its customary date, June 12.
- ❖ In 61 years, water was released after the scheduled date, and in 11 years, it was not released on time.
- ❖ For the Kuruvai cultivation, from June 12 to September 15, a total of 135.52 TMC of water is required for 5.22 lakh acres in the delta region.
- ❖ From September 15 to January 28, for Samba and Thaladi cultivation, 268.47 TMC of water is needed for 12.10 lakh acres.

- ❖ The water release will also facilitate the generation of 460 megawatts of the hydro-electric power.
- ❖ It is essentially for drinking water requirements of Chennai that receives water from the Veeranam tank, which, in turn, is fed by the Cauvery water through the Vadavar channel, branching off from the Lower Anicut on the Coleroon.
- ❖ Last year in 2024, there was no opening occurred in June and that was the first time in the last five years the date has been missed.
- ❖ The last time the dam missed its opening date was in 2019.
- ❖ Its capacity is 120 feet and the storage level will be 93.47 TMC.

டெல்டா பாசனத்திற்காக மேட்டூர் அணை திறப்பு!

டெல்டா பகுதி மாவட்டங்களின்

17.15 லட்சம் ஏக்கர் டெல்டா

விவசாய நிலங்கள் பாசன வசதி பெற,

மேட்டூர் அணையிலிருந்து தண்ணீரை திறந்து

வைத்தார் முதலமைச்சர் மு.க.ஸ்டாலின்.

NATIONAL NEWS

Ahmedabad plane crash 2025

- ❖ An Air India Boeing 787-8 Dreamliner operating as Flight AI171 from Ahmedabad to London's Gatwick Airport crashed on 11th June 2025.
- ❖ The pilots gave a 'Mayday' call immediately after the take-off, signalling the life-threatening emergency.
- ❖ The Boeing 787 Dreamliner aircraft was operated by Air India from Ahmedabad Airport, in Ahmedabad, Gujarat, India, to London Gatwick Airport in the UK.
- ❖ This is the first fatal crash and the first hull loss involving a Boeing 787 since its introduction in 2011.
- ❖ Also, Air India's first hull loss since the bombing of Air India Flight 182 in 1985.
- ❖ It is the deadliest single aircraft crash in the history of aviation in India.
- ❖ This is also a first widebody aircraft crash in the country in 29 years after the 1996 Charkhi Dadri mid-air collision, which involved a Saudia Boeing 747.

- ❖ This is the first crash ever of the Dreamliner since it went into service in 2009.
- ❖ The crash is under investigation by the Aircraft Accident Investigation Bureau (AAIB) of India.
- ❖ The Aircraft Accident Investigation Bureau (AAIB) is a division of the Ministry of Civil Aviation.
- ❖ India's aviation authority DGCA and Air India also launched investigations into the crash.
- ❖ The Directorate General of Civil Aviation (DGCA) is a statutory body of the Government of India to regulate civil aviation in India.
- ❖ It became a statutory body under the Aircraft (Amendment) Act, 2020.
- ❖ It investigates aviation accidents and incidents, maintains all regulations related to aviation and is responsible for issuance of licenses pertaining to aviation, Headquartered in Gurugram, Haryana, India.
- ❖ The airline is owned by Air India Limited, which is owned by the Tata Group (74.9%) and Singapore Airlines (25.1%).
- ❖ It is the second-largest airline in India in terms of passengers carried after IndiGo.
- ❖ It was founded in 1932 as Tata Airlines by J. R. D. Tata.



INTERNATIONAL NEWS

Blue NDC Challenge

- ❖ Brazil and France have launched a new initiative to bring oceans to the heart of climate action at the third United Ocean Conference (UNOC3) in Nice, France.

- ❖ The 'Blue NDC Challenge' urges countries to incorporate ocean-focused climate measures into their Nationally Determined Contributions (NDCs).
- ❖ Six other countries—Australia, Fiji, Kenya, Mexico, Palau, and the Republic of Seychelles—have joined the initiative.
- ❖ The deadline for the third set of NDCs for 2035 was February 10, 2025.
- ❖ Only 21 countries of the 195 parties have made their submissions this year.
- ❖ The 30th Conference of Parties (COP30) to the United Nations Framework Convention on Climate Change (UNFCCC) is going to be held in Belem, Brazil.



France, Brazil Unveil Bold Initiative to Boost Ocean-Centric Climate Action

Operation Secure 2025



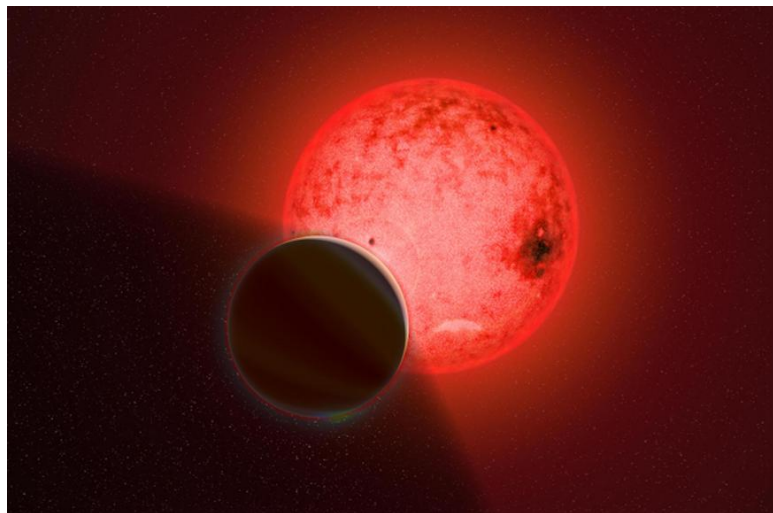
- ❖ More than 20,000 malicious IP addresses or domains linked to the information stealers have been taken down in an INTERPOL-coordinated operation.
- ❖ During Operation Secure involved law enforcement agencies from 26 countries.

- ❖ The operation aimed to dismantle malicious infrastructure linked to information-stealing malware.
- ❖ They have worked to locate servers, map physical networks and execute targeted takedowns.
- ❖ Infostealer malware was identified as a primary tool for cybercriminals.

SCIENCE AND TECHNOLOGY NEWS

TOI-6894b - Gas Giant Planet

- ❖ A gas giant planet, roughly the size of Saturn, has been found orbiting a very unusually small red dwarf star.
- ❖ This rare pairing defies current models, which say small stars don't have enough material in their surrounding disks to form such large planets.
- ❖ The star, named TOI-6894, is only about a fifth the mass of the Sun.
- ❖ TOI-6894 is roughly 240 light-years from Earth in the constellation Leo.
- ❖ It is the smallest-known star to host a large planet.
- ❖ The planet is completing an orbit in approximately three days.
- ❖ It is about 40 times closer to its star as compared to Earth is to the Sun.
- ❖ It is much cooler than most other planets found outside our solar system.



WEF Gender Gap Index 2025

- ❖ India has ranked 131 out of 146 countries in the World Economic Forum's Global Gender Gap Report 2025.

- ❖ With a parity score of just 64.1%, India is among the lowest-ranked countries in South Asia.
- ❖ This rank stood behind its neighbours like Bhutan (119th), Nepal (125th) and Sri Lanka (130th).
- ❖ India was ranked 129th last year.
- ❖ Iceland leads the rankings for the 16th year running.
- ❖ It is followed by Finland, Norway, the United Kingdom and New Zealand.
- ❖ The global gender gap has marginally narrowed in 2025, from 68.4% in 2024 to 68.8% in 2025.
- ❖ High-income economies have closed 74.3% of their gender gap.
- ❖ Pakistan (148), Sudan, Chad, and Iran ranked at the bottom.

Rank	Country	Gender gap closed	Gender gap score	Change in score versus 2024
1	Iceland	<div><div></div></div>	0.926	-0.010 ▼
2	Finland	<div><div></div></div>	0.879	0.004 ▲
3	Norway	<div><div></div></div>	0.863	-0.012 ▼
4	United Kingdom	<div><div></div></div>	0.838	0.049 ▲
5	New Zealand	<div><div></div></div>	0.827	-0.008 ▼
6	Sweden	<div><div></div></div>	0.817	0.001 ▲
7	Republic of Moldova	<div><div></div></div>	0.813	0.023 ▲
8	Namibia	<div><div></div></div>	0.811	0.006 ▲
9	Germany	<div><div></div></div>	0.803	-0.006 ▼
10	Ireland	<div><div></div></div>	0.801	-0.001 ▼

STATES' NEWS

Goa's Feni - GI Tag

- ❖ Goa's Ozzo Feni becomes India's first feni to receive a Geographical Indication tag.
- ❖ Feni made from the fermentation and double distillation of either cashew apples or coconut sap.

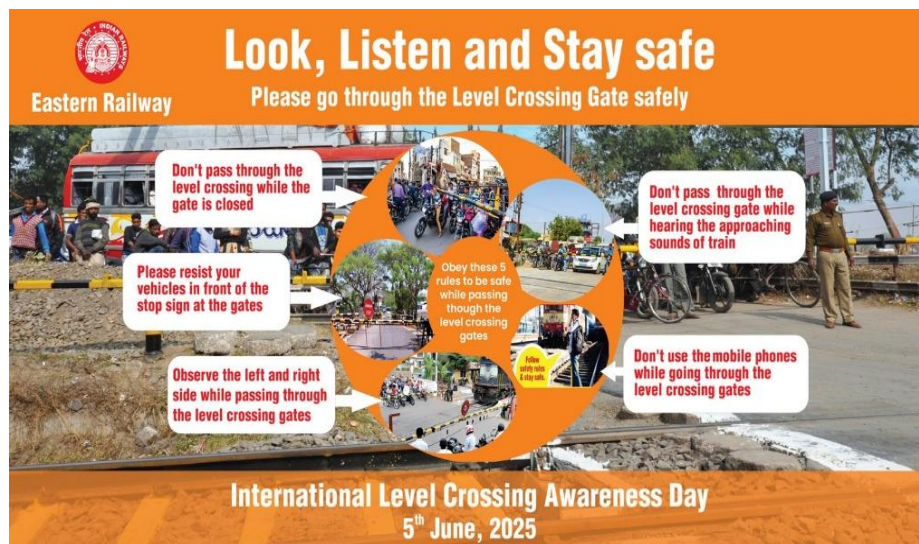
- ❖ Feni was introduced to India by the Portuguese missionaries in the 1600s when they came to trade.
- ❖ The people who made feni were called bhatikars.
- ❖ The condensation of feni takes place in earthen mud clays called launi.

GOAN FENI HAS BEEN GI-TAGGED

In order to preserve its distinctive preparation and increase its marketability, **Ozzo Feni becomes the first feni in India to be granted a Geographical Indication Tag.** Made by fermenting and double distilling cashew apples or coconut sap, feni is a traditional Indian alcohol that is **popular in Goa.** When Portuguese missionaries arrived in India for trade in the **1600s, they brought Feni with them.**

IMPORTANT DAYS

International Level Crossing Awareness Day 2025 - June 05



- ❖ The International Union of Railways (UIC) leads the International Level Crossing Awareness Day (ILCAD).
- ❖ The first European Level Crossing Awareness Day was celebrated on June 25, 2009.
- ❖ ILCAD aims to raise public awareness of level crossing risks and improve safety.

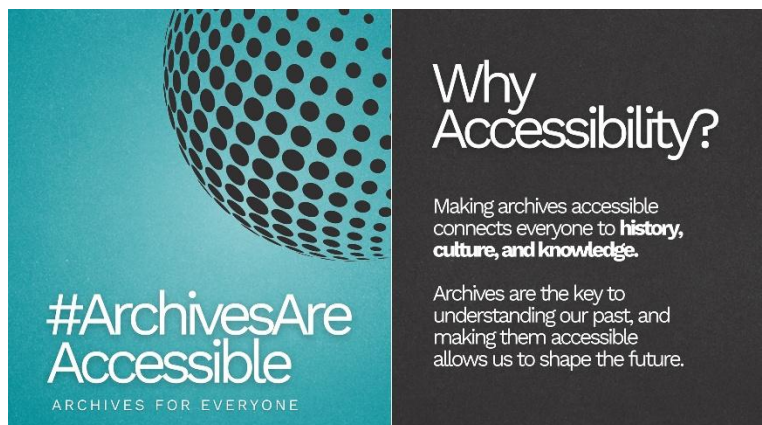
- ❖ The 2025 ILCAD launch conference theme is 'Helping the people to make good decisions' with the slogan 'Safe decisions – every time.'

World Accreditation Day 2025 - June 09



- ❖ This day highlights the role of the accreditation in strengthening the very quality infrastructure, enabling global trade, and fostering economic development.
- ❖ The Quality Council of India (QCI) is the national custodian of accreditation in India.
- ❖ QCI was established in 1997 as an autonomous body under the Department for Promotion of Industry and Internal Trade (DPIIT).
- ❖ The theme for the year 2025 is "Accreditation: Empowering Small and Medium Enterprises (SMEs)".

International Archives Day 2025 - June 09



- ❖ On this day in 1948, the International Council on Archives (ICA) was created under the auspices of UNESCO.
- ❖ This year's theme is "#ArchivesAreAccessible – Archives for Everyone".

- ❖ International Archives week is observed during 9-13 June 2025.

International Day of Play 2025 - June 11

- ❖ This day highlighted the crucial role of play in children's healthy growth and well-being worldwide.
- ❖ The UN Convention on the Rights of the Child formally has affirmed it as a very fundamental right under Article 31 for the children to rest, leisure and engage in play and recreational activities.
- ❖ The theme for 2025 is "Choose Play – Every Day".



World Day Against Child Labour 2025 - June 12



- ❖ This year marks the 26th anniversary of the adoption of the Convention on the Worst Forms of Child Labour.

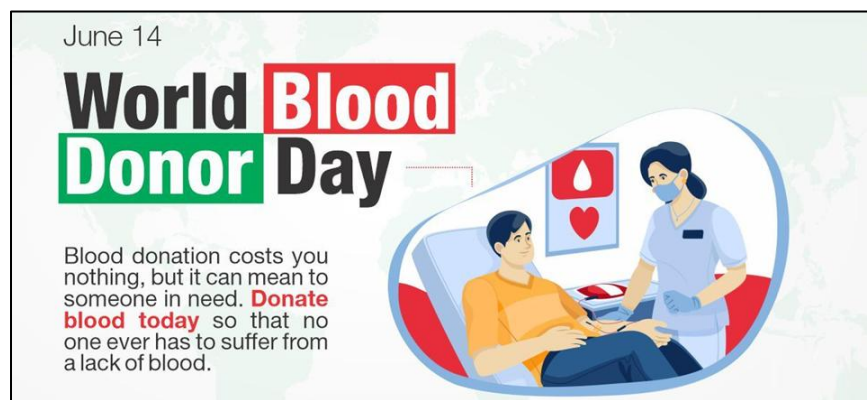
- ❖ The theme for 2025 is 'Progress is clear, but there's more to do: let's speed up efforts!'.
- ❖ Africa ranks highest among regions both in the percentage of children in child labour (1/5) and the absolute number of children in child labour — 72 million.
- ❖ Asia and the Pacific ranks the second highest in both these measures — 7% of all children and 62 million in absolute terms are in child labour in this region.
- ❖ ILO Convention No. 138 deals with the Minimum Age and ILO Convention No. 182 deals with the Worst Forms of Child Labour.

International Albinism Awareness Day 2025 - June 13

- ❖ Albinism is an uncommon and genetically inherited condition that results in skin devoid of pigmentation, causing unusually pale skin, hair, and eyes.
- ❖ Individuals who have albinism are more vulnerable to ultraviolet (UV) rays.
- ❖ The theme for the year 2025 is "Demanding our rights: Protect our skin, Preserve our lives".



World Blood Donor Day 2025 - June 14



- ❖ It is celebrated on the birthday anniversary of Karl Landsteiner on June 14, 1868.



- ❖ Landsteiner was awarded the Nobel Prize for his discovery of the ABO blood group system.
- ❖ The theme for 2025 is 'Give blood, give hope: together we save lives'.

