

May - 10

TNPSC BITS

- ❖ Recently, Meghalaya has hosted Strawberry Festival to promote agro-tourism and rural livelihoods.
- ❖ The Chief Minister of Chhattisgarh has inaugurated the India's first Artificial Intelligence Aided Data Centre Park in Nava Raipur.
- ❖ The Navies of India-Maldives are conducting the Humanitarian Assistance and Disaster Relief (HADR) exercise in Maldives.
- ❖ Andhra Pradesh has signed a MoU to launch the Creator Land, India's first transmedia entertainment city in Amaravati.
- ❖ The civil aviation ministry granted in-principal approval for greenfield airports in Rajasthan's Kota and Puri in Odisha.
- ❖ The Israel's security cabinet has approved a plan to expand its military offensive against Hamas which includes the "capture" of Gaza and the holding of its territory.
- ❖ Conservative leader Friedrich Merz has been elected Germany's new chancellor.
- ❖ The African World Heritage Day is observed on 5th May to celebrate the Continent's unique cultural and natural heritage.
 - Theme for 2025 is "Justice for Africans and People of African Descent Through Reparations".

TAMIL NAADU NEWS

HSE Result 2025 - Tamilnadu



- ❖ The overall pass percentage for the Plus Two exams stands at 95.03%.

- ❖ The Boys and Girls both are registering the pass percentages of 96.70 and 93.16 percentage respectively.
- ❖ The Private schools lead with a remarkable 98.88%, followed by government-aided schools at 95.71%, and government schools at 91.94%.
- ❖ Ariyalur district (98.82 per cent), Erode (97.98), Tiruppur (97.53), Coimbatore (97.48), and Kanyakumari (97.01) were among the top five districts that secured a highest pass percentage in the state.

Textile exports in FY25

States	Total exports Apr-24 - Mar-25 (\$ million)	Mar-25 exports (\$ million)	% share in selected criteria's total exports
Tamil Nadu	7,997	687	26.8
Gujarat	5,646	516	18.9
Maharashtra	3,831	347	12.8
Uttar Pradesh	3,680	380	12.3
Karnataka	2,727	242	9.1

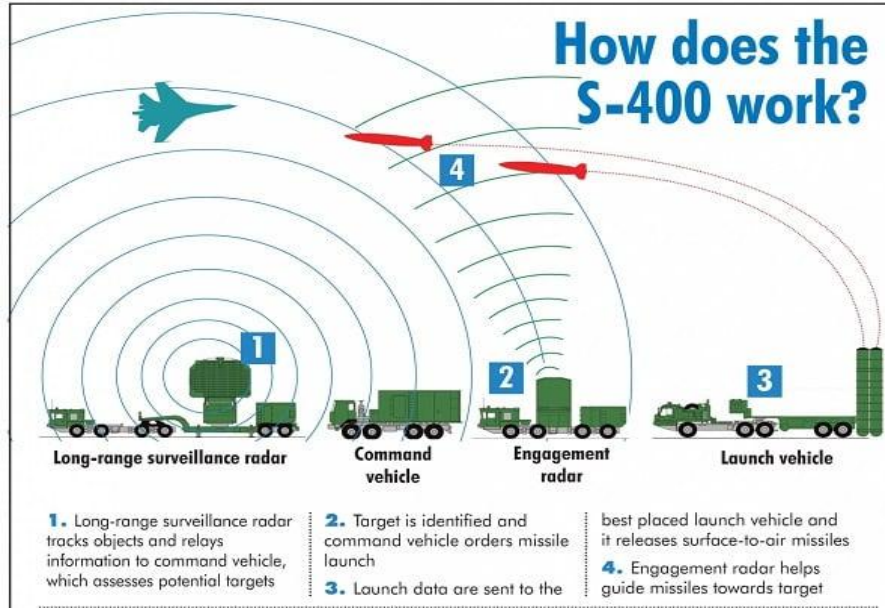
- ❖ Tamilnadu remained the top exporting state in the country in textile goods during 2024-25.
- ❖ In 2024-25, India's total textile exports of textile goods worth \$36.61 billion.
- ❖ For this, Tamil Nadu's contribution was \$7.99 billion or 26.81 per cent share.
- ❖ In comparison, in 2023-24, out of India's total textile exports of \$34.43 billion, the State's contribution was \$7.15 billion (20.78 per cent).
- ❖ Gujarat ranked second highest exporter and Maharashtra was at a third with exports of \$3.83 billion (12.84 per cent).

NATIONAL NEWS

S-400 Sudarshan Chakra

- ❖ Pakistan attempted to engage a number of the military targets in Northern and Western India using drones and missiles.
- ❖ These were neutralised by the Integrated Counter UAS Grid and the Air Defence system S-400.
- ❖ This Russian developed long-range surface-to-air missile system is known as 'Sudarshan Chakra' in India.

- ❖ It is among the most advanced air defence systems in the world.
- ❖ It is capable of detecting, tracking, and engaging the variety of aerial threats including drones, stealth aircraft, cruise missiles, and ballistic missiles.
- ❖ The S-400 can engage aerial threats at ranges up to 400 km and altitudes up to 30 km.
- ❖ The system can track over 100 targets simultaneously and is mounted on mobile launchers for rapid repositioning.
- ❖ Russia, China, Turkiye, Algeria, Belarus and Syria are the other users of S-400.



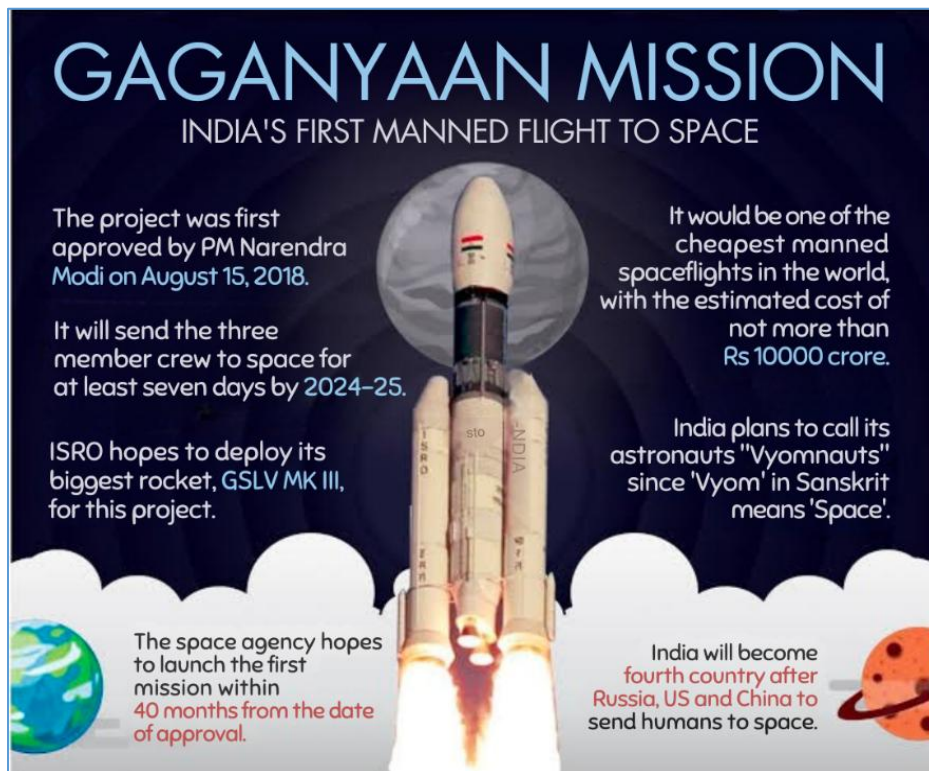
Assets of 21 SC Judges

உச்சநீதிமன்றத்தின் 21 நீதிபதிகளின் சொத்து
விவரங்கள் இணையத்தளத்தில் வெளியீடு
உச்சநீதிமன்றத்தில் பணிபுரியும் 33 நீதிபதிகளில்
21 நீதிபதிகளில் சொத்து விவரம் வெளியீடு..! எஞ்சிய
நீதிபதிகளில் சொத்து விவரங்கள் விரைவில்
வெளியிடப்படும் என தகவல்

- ❖ Twenty-one Supreme Court judges, including CJI Sanjiv Khanna, have disclosed their financial assets and liabilities on the top court's website.

- ❖ The list of assets of the 21 out of a total 33 serving judges of the court has been released.
- ❖ The publication of assets followed a unanimous resolution of the Full Court on April 1.
- ❖ Unlike politicians and bureaucrats, judges do not have to mandatorily put their assets in the public domain.
- ❖ In 2019, a Constitution Bench had held that the disclosure of assets of the judges would “not impinge upon the personal information and right to privacy of the judges” if it served public interest.

Gaganyaan mission's update 2025



- ❖ India's first human space mission, 'Gaganyaan,' has entered its final phase.
- ❖ The first human spaceflight now scheduled for the first quarter of 2027.
- ❖ ISRO has successfully completed the TV-D1 mission and the first uncrewed Test Vehicle Abort Mission earlier this year.
- ❖ The second Test Vehicle mission (TV-D2) is scheduled for later in 2025, followed by the uncrewed orbital flights of Gaganyaan.
- ❖ The Human-rated LVM3 vehicle, the Crew Escape System, and the Crew Module and Service Module are all undergoing final stages of testing and integration.


- ❖ The uncrewed orbital 'Gaganyaan' mission is on track for launch later this year.

Igla-S Air Defences

- ❖ India has received a fresh shipment of Russian Igla-S air defence missiles recently.
- ❖ They are the portable, shoulder-fired weapons designed to bring down low-flying enemy aircraft, drones and helicopters with precision.
- ❖ It is capable of engaging targets up to 6 km away and at altitudes of up to 3.5 km.

Igla-S portable anti-aircraft missile system

Designed to engage all types of aircraft and helicopters, as well as small airborne targets such as cruise missiles, at any time of day in visible conditions on collision and pursuit courses against background and artificial thermal interference.



- 500 to 6,000 m Firing range
- 10 to 3,500 m target altitude
- no more than 12 s. mobile-to-combat position transition time
- no more than 5 s. ready to start time from activation
- Target speed: up to 400 m/s on collision courses
- up to 320 m/s on catch-up courses
- Homing head type: tracking • passive • thermal • bispectral

INTERNATIONAL NEWS

India-UK Free Trade Agreement 2025

UK GOVERNMENT STATEMENT ON INDIA-UK FTA

- Indian tariffs will be slashed, locking in reductions on 90% of tariff lines, with 85% of these becoming fully tariff-free within a decade
- Tariffs On Whisky & Gin Tariffs Will Be Halved From 150% To 75% Before Reducing To 40% By Year Ten Of The Deal
- Automotive Tariffs Will Go From Over 100% To 10% Under A Quota
- Tariffs To Also Be Lowered On Cosmetics, Aerospace, Lamb, Medical Devices, Salmon, Electrical Machinery, Soft Drinks, Chocolate And Biscuits
- The Deal Is Expected To Increase Bilateral Trade By £25.5 Billion, UK GDP By £4.8 Billion And Wages By £2.2 Billion Each Year In The Long Run

- ❖ India and the United Kingdom inked a Free Trade Agreement (FTA) after the three years of negotiations.

- ❖ The agreement is expected to boost bilateral trade by £25.5 billion a year, 2040 onwards.
- ❖ Trade between the two nations is totalled £42.6 billion in 2024.
- ❖ Total UK exports to India were amounted to £17.1 billion, while total UK imports from India were amounted to £25.5 billion in 2024.
- ❖ India was Britain's 11th-largest trading partner last year.

Alcatraz Island - Rebuilding plan

- ❖ The US President Donald Trump planned to reopen and expand Alcatraz, the once-notorious prison island in the San Francisco Bay.
- ❖ Alcatraz - popularly known as "the Rock" - has not been used as a prison for decades.
- ❖ Originally it was built as a naval defence fort, but was rebuilt in the early 20th century as a military prison.
- ❖ In 1934, it was formally converted into a federal prison.
- ❖ It was ultimately closed by Attorney General Robert Kennedy in 1963.
- ❖ The island and prison are now a museum operated by the National Park Service.



Nicaragua and UNESCO

- ❖ Nicaragua has announced its withdrawal from the United Nations Educational, Scientific and Cultural Organization – UNESCO.

- ❖ This happened because UNESCO gave a press freedom prize to La Prensa, a Nicaraguan newspaper.
- ❖ UNESCO member states created the World Press Freedom Prize in 1997.
- ❖ This is the only UN prize awarded to journalists.
- ❖ Earlier, Nicaragua announced its withdrawal from the United Nations Food and Agriculture Organization (FAO).
- ❖ Nicaragua has also withdrew from the UN Human Rights Council, International Labour Organization (ILO) and the International Organization for Migration (IOM).



ECONOMY NEWS

Mineral (Mining) Production in FY 2024-25

- ❖ As per provisional data, production of iron ore at 289 million metric ton (MMT) in FY 2024-25.
- ❖ It has broken the production record of 277 MMT achieved in FY 2023-24, with a 4.3% growth.
- ❖ Similarly, the production of manganese ore has also surpassed the production record of 3.4 MMT achieved in FY 2023-24.
- ❖ It was increased by 11.8% to 3.8 MMT in FY 2024-25.
- ❖ Production of bauxite has also risen by 2.9% to 24.7 MMT in FY 2024-25 from 24 MMT in FY 2023-24.
- ❖ During the same period, lead concentrate production rose from 381 thousand tonne (THT) to 393 THT, with a 3.1% growth.

- ❖ In the non-ferrous metal sector, primary aluminium production in FY 2024-25 has broken the production record of FY 2023-24.
- ❖ The Primary aluminium production increased from 41.6 lakh ton (LT) in FY 2023-24 to 42 LT during FY 2024-25.
- ❖ The refined copper production saw a robust growth of 12.6% increasing from 5.09 LT in FY 2023-24 to 5.73 LT in FY 2024-25.
- ❖ India is the 2nd largest Aluminium producer, among top-10 producer in refined copper and 4th largest iron ore producer in the world.

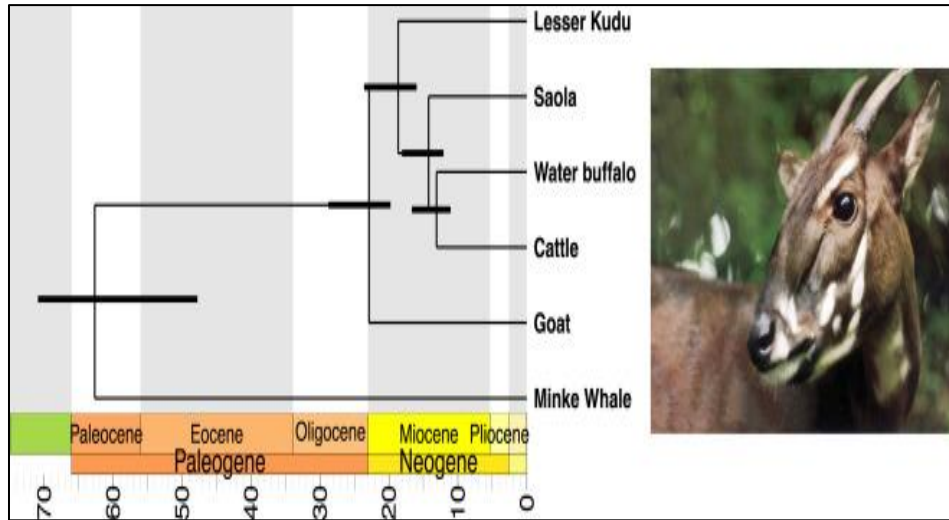


SCIENCE AND TECHNOLOGY NEWS

World's rarest large land mammal Genome

- ❖ The Scientists have mapped the genome of the saola (*Pseudoryx nghetinhensis*), the rarest large land mammal in the world.
- ❖ They found that the bovine split into two populations between 5,000 and 20,000 years ago.
- ❖ This split coincided with likely changes in the distribution of dense forest habitat during and after the Last Glacial Maximum.
- ❖ The saola is categorised as 'Critically Endangered' on the IUCN Red list.

- ❖ They found in the misty highland forests of the Annamite Mountain range along the border between Vietnam and Laos.



STATES' NEWS

Northeast's first geothermal production well

A Historic First for Northeast India!

Dirang, Arunachal Pradesh, becomes the first site in Northeast India to drill a geothermal production well – a leap towards clean, sustainable energy in the Eastern Himalayas.

First-of-its-kind in the region

Clean energy for rural livelihoods

Powering agri-tech innovations

Backed by global scientific collaboration

- ❖ The Centre for Earth Sciences and Himalayan Studies (CESHS) has successfully drilled the Northeast region's first geothermal production well in Dirang.

- ❖ It is located in Arunachal Pradesh's West Kameng district.
- ❖ Dirang is a medium-to-high enthalpy geothermal zone, with estimated reservoir temperatures of 115°C.
- ❖ This makes it highly suitable for direct-use geothermal applications.
- ❖ The Geothermal energy is used to heating and cooling buildings with heat pumps, generating electricity with power plants, and directly heating structures through direct-use applications.

PERSONALITIES, AWARDS, AND EVENTS

Biju Patnaik Memorial



- ❖ The memorial plaque dedicated to the late Biju Patnaik was inaugurated at the Russian Embassy in New Delhi.
- ❖ The plaque is meant to honour Biju Patnaik's role in the Battle of Stalingrad during World War II.
- ❖ Patnaik joined the Royal Indian Air Force in 1936.
- ❖ He was mostly flying the supply and transport planes such as the Douglas C-47 Skytrain, more commonly known as 'Dakota'.
- ❖ He was integral in the evacuation of British officials from Rangoon.
- ❖ Patnaik also flew supply missions to assist China's Chiang Kai-Shek.

- ❖ After his passing in 1997, his coffin was wrapped in the national flags of three different countries: India, Indonesia (whose Independence effort he had aided), and Russia.

IMPORTANT DAYS

International Day of the Midwife 2025 - May 05

- ❖ This day highlights the crucial role midwives play in ensuring safe pregnancies, empowered births, and respectful maternal care for women around the globe.
- ❖ It was Initiated by the International Confederation of Midwives (ICM) in 1992.
- ❖ This year's theme is 'Midwives: Critical in Every Crisis'.



World Hand Hygiene Day 2025 - May 05



- ❖ It is an annual global campaign to promote and improve the good hand hygiene practices in the healthcare sector.

- ❖ This day was established by the World Health Organisation (WHO) in 2019.
- ❖ The theme for 2025 is “WHO SAVE LIVES: Clean Your Hands.”

World Cartoonist Day 2025 - May 05

- ❖ During the 1990s, the National Cartoonist Society declared this day to celebrate every cartoonist in the industry.
- ❖ The day is meant to promote the importance of cartoons in society, and to encourage artistry and reading.
- ❖ In 1946, the National Cartoonists Society (NCS) was established in England.
- ❖ This date was chosen to acknowledge the first appearance of the mischievous cartoon character "The Yellow Kid".
- ❖ This was appeared in the New York World newspaper on May 5, 1895.

