



June - 05

TNPSC BITS

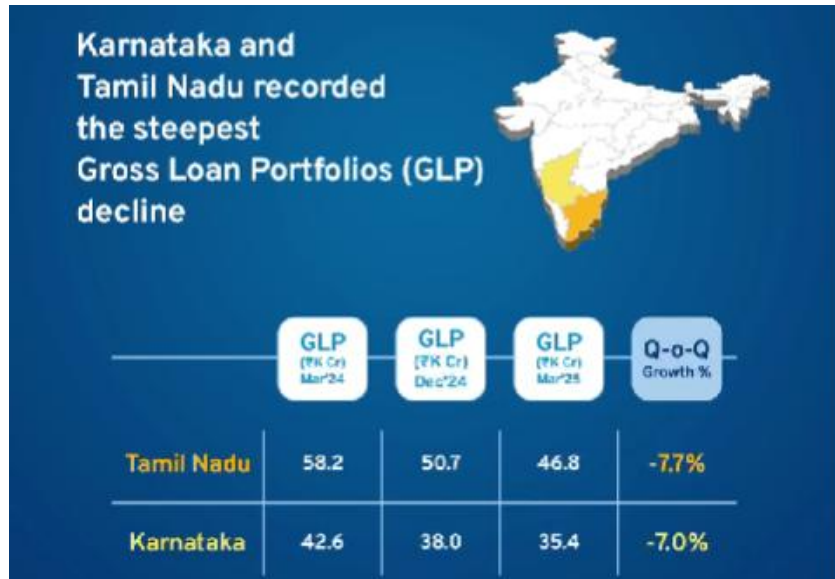
- ❖ The Tamil Nadu government celebrated the "Semmozhi festival" on June 3rd, the birth anniversary of Former CM – M Karunanidhi.
- ❖ The Tamil Nadu government has accorded in-principal approval to build Chennai Metro Rail's Poonamallee-Sunguvarchatram-Parandur project.
- ❖ The Telangana declared the tiger corridor area connecting the Kawal Tiger Reserve in the State with the Tadoba-Andhari Tiger Reserve in Maharashtra as 'Kumram Bheem Conservation Reserve', as per the provisions of the Wildlife Protection Act, 1972.
- ❖ Under the Operation Spider Web, a swarm of Ukrainian drones attacked military airbases deep inside Russia's borders.
- ❖ Award winning wildlife photographer and veteran journalist Sunjoy Monga passed away recently.
 - In 2005, Monga launched Mumbai's first-ever bird race—an event that has since become an annual tradition known as 'Wings – Birds of India.'
- ❖ The World Bicycle Day is celebrated annually on June 3rd to highlight the bicycle's role in development, sustainability, and health.
- ❖ "The International Day of Innocent Children Victims of Aggression" is observed annually on June 04th to raise awareness and acknowledge the pain suffered by children throughout the world due to Aggression.
- ❖ The Royal Challengers Bengaluru won their maiden IPL title by defeating Punjab Kings in the 2025 season finale held at Ahmedabad, Gujarat.

TAMIL NADU NEWS

Microfinance gross loan in 2025

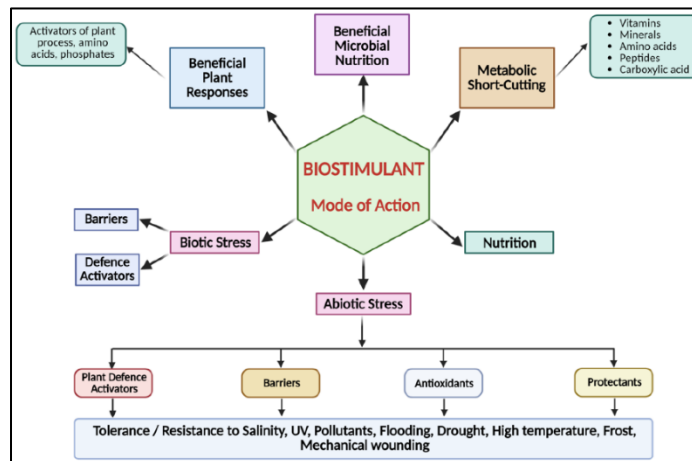
- ❖ The Gross Loan Portfolio (GLP) of the microfinance industry in Tamil Nadu has declined in fiscal 2025.
- ❖ The GLP in Tamil Nadu declined by 19.6% to ₹46,800 crore in fiscal 2025, from ₹58,200 crore in fiscal 2024.
- ❖ On a quarter-on-quarter basis, the GLP fell 7.7%, from ₹50,700 crore.

- ❖ Tamil Nadu (-7.7%, quarter-on-quarter basis) is followed by Karnataka (-7.0% quarter-on-quarter basis), recorded steep GLP decline.



NATIONAL NEWS

34 Bio stimulants notification



- ❖ The Ministry of Agriculture and Farmers Welfare notified 34 Bio stimulants such as seaweed extracts, humic and fulvic acid formulations, among others.
- ❖ They are notified under the Fertiliser Control Order (FCO), 1985.
- ❖ In 2021, the bio stimulants were officially incorporated into the FCO, categorizing them as distinct class of fertilisers.
- ❖ The Bio stimulants or Plant conditioners are natural or biological products that help plants grow by improving nutrient absorption and resistance to stress.

- ❖ They do not include the pesticides or plant growth regulators, which are covered under the Insecticides Act, 1968.

INTERNATIONAL NEWS

Zangezur Corridor

- ❖ The Zangezur Corridor is the proposed transport route that Azerbaijan strongly wants to build.
- ❖ Its goal is to connect mainland Azerbaijan to a small, separated region called Nakhchivan Autonomous Republic.
- ❖ This place is also a part of Azerbaijan but not physically linked to the rest of the country.
- ❖ If this corridor completed, it would also give Azerbaijan and Turkey the direct land access to each other.
- ❖ Back in 2020, Azerbaijan and Armenia fought a war over the Nagorno-Karabakh region.

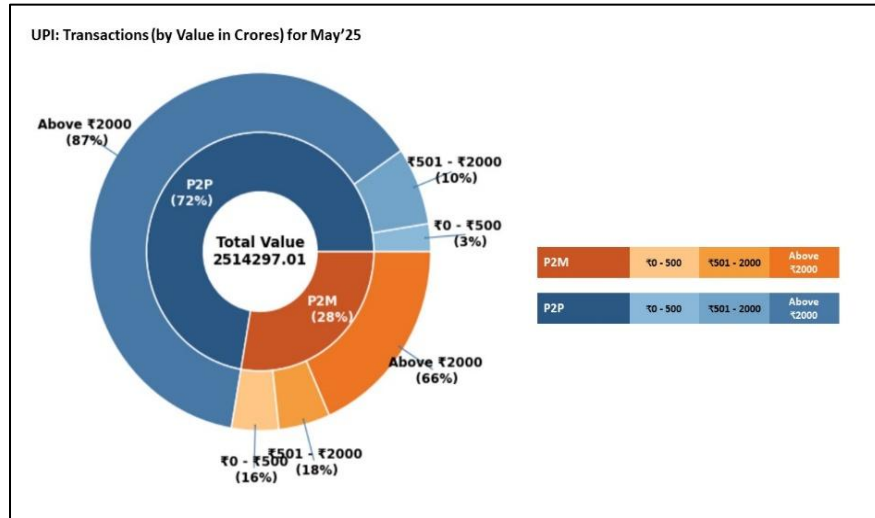


ECONOMY NEWS

UPI transactions in May 2025

- ❖ Transactions on the Unified Payments Interface (UPI) touched an all-time high of 18.68 billion in volume and ₹25.14 trillion in value in May.
- ❖ The previous high record numbers were in March 2025, when the digital payment system clocked 18.3 billion in volume and ₹24.77 trillion in value.


- ❖ UPI apps are already accepted via QR codes in Bhutan, France, Mauritius, Nepal, Singapore, Sri Lanka, and the UAE.
- ❖ It will be allowing Indian travellers to make merchant payments abroad using domestic UPI platforms.



SCIENCE AND TECHNOLOGY NEWS

Nuvaxovid COVID vaccine

- Approval was based on phase 3 trials showing strong efficacy and safety in both adolescents and adults, including 79.5% efficacy in teens and 92.6% in adults against variants of concern.
- The vaccine is protein-based, not mRNA, and is targeted to high-risk individuals, with Novavax and Sanofi collaborating on commercialization.



- ❖ Novavax (Nuvaxovid) has secured a full FDA of USA approval for its protein-based COVID-19 vaccine.
- ❖ Nuvaxovid (NVX-CoV2705) is an updated version of Novavax's prototype COVID-19 vaccine (NVX-CoV2373) formulated to target the JN.1 variant.
- ❖ It is a protein-based vaccine (Not mRNA) made by creating copies of the surface spike protein of SARS-CoV-2 that causes COVID-19.

- ❖ The non-infectious spike protein serves as the antigen that primes the immune system to recognize the virus.

Laser Weapon usage



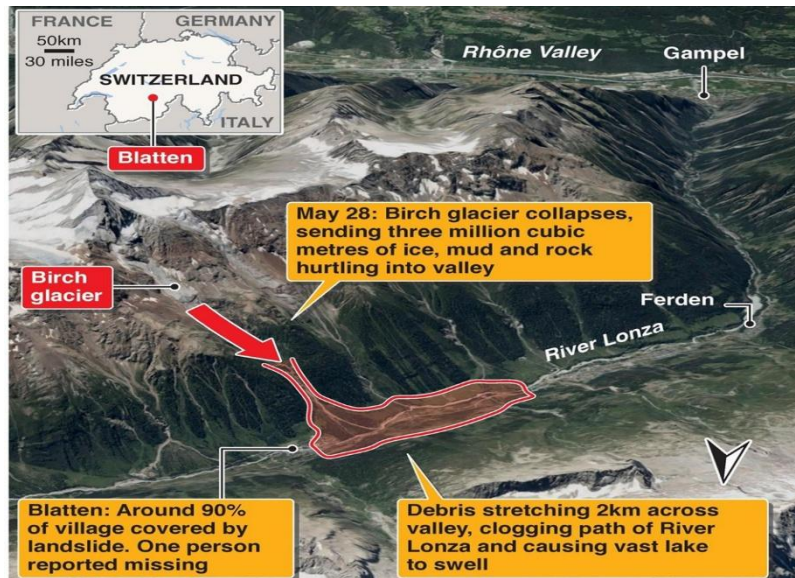
- ❖ Israel has become the first country in the world to use laser weapons to shoot down enemy drones during the ongoing war in Gaza.
- ❖ The use of the Iron Beam is also known by its Hebrew name Magen.
- ❖ It will complement existing systems such as Iron Dome, David's Sling and Arrow.
- ❖ These laser systems are useful for eliminating cheaper enemy targets like drones rather than spending expensive missile interceptors.
- ❖ But their maximum effective range is about 10 kilometers—significantly shorter than Iron Dome's 40 kilometers.
- ❖ Russia (Peresvet), USA (HELIOS), China (Hurricane-3000), UK (DragonFire) and India's (IDD&IS) Mk2A are the other-Directed Energy Weapon (DEW) system in the world.

ENVIRONMENT NEWS

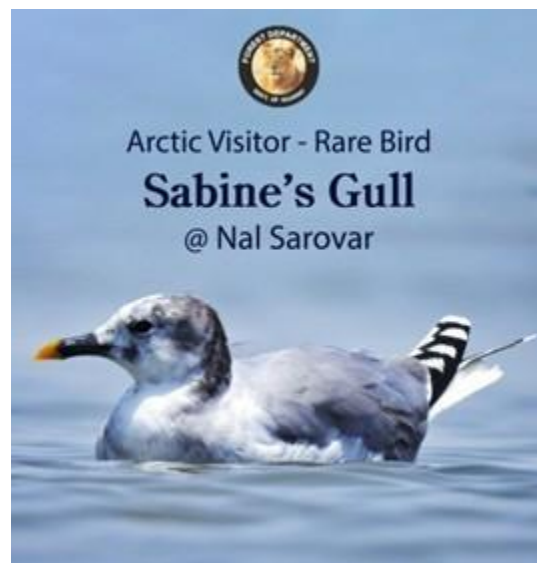
Birch Glacier status

- ❖ The Swiss village of Blatten has been partially destroyed after a huge chunk of glacier crashed down into the valley.
- ❖ It is located in the Lötschental valley in northern Switzerland.

- ❖ The collapse of the glacier blocked the flow of the Lonza River, which runs through the valley.
- ❖ Swiss saw 4% of its total glacier volume disappear in 2023.
- ❖ That was the second-biggest decline in a single year after a 6% drop in 2022.



Arctic seabird Sabine's Gull in India



- ❖ A rare Arctic seabird, the Sabine's Gull, was spotted at Gujarat's Nal Sarovar Wildlife Sanctuary.
- ❖ This is the first recorded sighting in India since 2013, when it was seen in Kerala.

- ❖ The species primarily breeds in the high-latitude Arctic regions of North America, Greenland, and Siberia, nesting near wet tundra areas.
- ❖ For winter, it migrates to highly productive marine areas off the coasts of South America and western Africa.
- ❖ It does not typically pass through India during migration.

STATES' NEWS

Tiger Safari in Barwadih Forest

- ❖ The Jharkhand government plans to establish the state's first tiger safari in the fringe area of the Barwadih Western Forest Range in Latehar district.
- ❖ This area falls under the Palamau Tiger Reserve (PTR).
- ❖ Tiger safari is not defined under The Wildlife (Protection) Act, 1972.
- ❖ The concept was first envisaged in the Guidelines for the Tourism issued by the National Tiger Conservation Authority (NTCA) in 2012.
- ❖ In 2016, the NTCA issued guidelines for establishing tiger safaris in the buffer and fringe areas of tiger reserves.
- ❖ In March 2024, the Supreme Court has also directed that tiger safaris should be established outside the core and buffer areas of tiger reserves.



PERSONALITIES, AWARDS, AND EVENTS

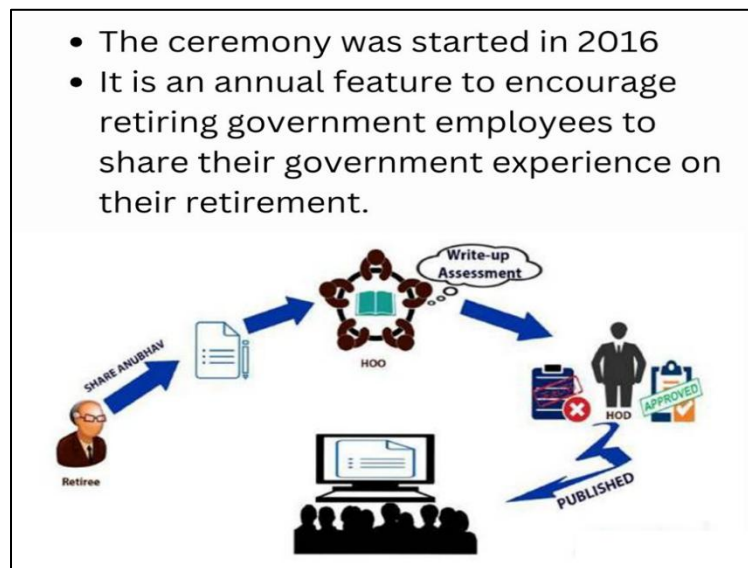
Norway Chess 2025 - D Gukesh

- ❖ The World Champion D Gukesh has defeated the World No. 1 Magnus Carlsen in Norway Chess 2025 tournament.

- ❖ The win was Gukesh's first-ever classical victory over Norwegian grand master.
- ❖ The 19-year-old also became the second Indian player to beat Carlsen in the history of the competition after Rameshbabu Praggnanandhaa.



National Anubhav awards 2025



- ❖ 5 retirees were selected for the Anubhav Award and also 10 retirees for the Jury Certificates.
- ❖ This year's edition of the National Anubhav Awards Scheme marks a historic expansion.



- ❖ The employees from Central Public Sector Enterprises (CPSEs) and Public Sector Banks (PSBs) were included for the first time alongside Central Government employees.
- ❖ Department of Pension & Pensioners' Welfare had launched an online platform 'Anubhav' in March 2015.
- ❖ It allows for sharing the experiences of retiring/retired government employees while working with the Government.
- ❖ An Annual Awards Scheme was introduced to incentivize and encourage retiring / retired employees to submit their experience through write-up.
- ❖ So far 59 Anubhav Awards and 19 Jury Certificates have been conferred.

MISCELLANEOUS NEWS

Countries with the highest life expectancy

Rank	Country	Life Expectancy (Male)	Life Expectancy (Female)	Life Expectancy (Both Sexes)
1	Monaco MC	84.6	88.6	86.5
2	San Marino SM	84.3	87.2	85.8
3	Hong Kong HK	83.0	88.3	85.6
4	Japan JP	81.8	87.9	84.8
5	South Korea KR	81.3	87.3	84.4
6	Andorra AD	82.3	86.2	84.2
7	Switzerland CH	82.2	86.0	84.1
8	Australia AU	82.3	85.5	84.1
9	Italy IT	81.8	85.9	83.9
10	Singapore SG	81.4	86.4	83.9

- ❖ The world's average life expectancy is estimated to be around 73 years in 2024.
- ❖ The majority of the top 25 countries by the life expectancy, a total of 16 countries, are in Europe.
- ❖ The small, rich country of Monaco tops the list with residents living an average of 86.5 years, and women living more than 88 years.
- ❖ Close behind Monaco are San Marino (85.8 years) and Hong Kong (85.6 years), both of which offer high standards of living and healthcare systems
- ❖ The East Asian countries are prevalent in the top 10, including Japan (4), South Korea (5), Singapore (10), and Hong Kong (3).
- ❖ The gender life expectancy gap is especially large in places like France (5.6 years) and Japan (6.1 years).



- ❖ Australia (8) is the only non-European, non-Asian country to make the top 10 for both sexes combined.
- ❖ In 2025, India's life expectancy has increased to about 72.48 years.
- ❖ The Women live longer, with an average of 74.13 years, while men live around 70.95 years in India.

