

Daily Current Affairs

10 July 2026

National Fish Farmers Day

- Celebrated every year on 10 July.
- Commemorates the successful induced breeding of Indian Major Carps by Dr. Hiralal Chaudhuri and Dr. K. H. Alikunhi on 10 July 1957.
- The day recognizes the contribution of fish farmers and promotes sustainable aquaculture.
- It is observed by the Department of Fisheries, Government of India, with seminars, exhibitions, and awards for fish farmers.
- First observed: 2001
- Significance: Promotes fisheries, aquaculture, food security, and rural livelihoods.

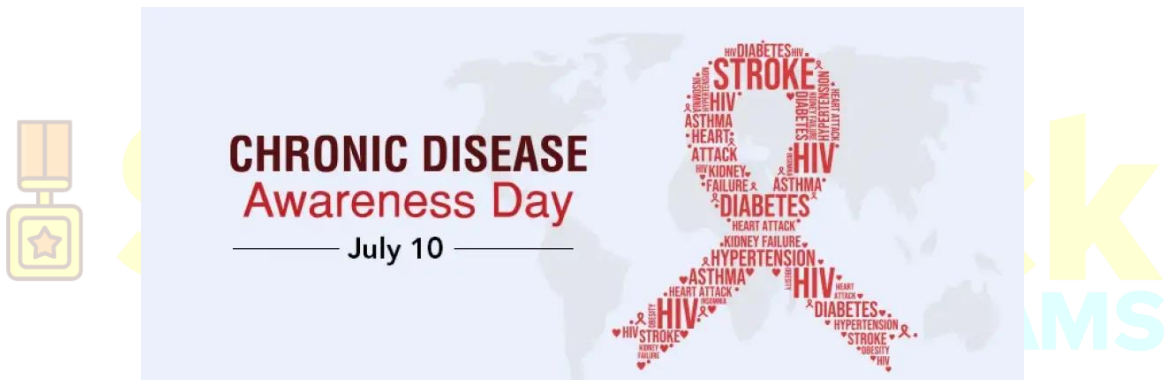


Global Energy Independence Day

- Observed annually on 10 July.
- Raises awareness about the importance of renewable energy, energy conservation, and reducing dependence on fossil fuels.
- Encourages governments, businesses, and individuals to adopt clean and sustainable energy solutions.

Chronic Disease Awareness Day

- Observed on 10 July to increase awareness of chronic diseases such as diabetes, cardiovascular diseases, cancer, and chronic respiratory diseases.
- Promotes healthy lifestyles, early diagnosis, and preventive healthcare.



ISRO Clears CE20 Cryogenic Engine for LVM3-M7

- ISRO conducted a flight acceptance hot test of the CE20 cryogenic engine on 6 July 2026 at the ISRO Propulsion Complex in Mahendragiri, Tamil Nadu. The engine is meant for the upper stage of the LVM3 launch vehicle for its seventh operational mission, LVM3-M7.
- The CE20 is a cryogenic upper-stage engine developed for the LVM3 launch vehicle. A cryogenic engine uses propellants stored at very low temperatures, and the CE20 is part of India's heavy-lift launch system for orbital missions.
- ISRO used a newly developed Nozzle Protection System for the first time in a flight acceptance test. The system supports testing under high-altitude conditions. During the test, the engine ran at 19.5 tonnes of thrust for 45 seconds and then at its maximum rated thrust of 22 tonnes for 25 seconds.

- LVM3 is India's heavy-lift launch vehicle used for major space missions. The CE20 engine has already flown successfully in eight consecutive LVM3 missions, including Chandrayaan-2, Chandrayaan-3, and three commercial launches. The tested engine will be integrated with the C32 cryogenic stage for LVM3-M7 after refurbishment.



Tamil Nadu Tops India in Higher Education GER

- Tamil Nadu recorded a Gross Enrollment Ratio (GER) of 52.3% in higher education for the 2023-24 academic year. The Union government released this figure in the latest All India Survey on Higher Education (AISHE) report for 2023-24. The state ranked first among Indian states in higher education GER.
- Gross Enrollment Ratio is the number of students enrolled in a specific level of education as a percentage of the population in the official age group for that level. In India, higher education GER is calculated for the 18 to 23 age group. Tamil Nadu's GER of 52.3% was higher than the national average of 30% in 2023-24.
- Tamil Nadu's higher education GER rose from 47.0% in 2021-22 to 49.1% in 2022-23 and 52.3% in 2023-24. The state has shown a higher education GER above 47% for three consecutive academic years. This trend places Tamil Nadu among the leading states in student participation in tertiary education.
- The female GER in Tamil Nadu stood at 53.1% in 2023-24, while the male GER was 51.6%. Tamil Nadu has recorded a higher female GER than male GER for the past three years. In the same year, 35.8 lakh out of 68.4 lakh youth aged 18 to 23 were enrolled in higher education.
- The state also had 2,18,656 faculty members in higher education, which accounted for 12.6% of India's total teaching strength.



World Bank Approves \$890 Million for Rooftop Solar Programme

- The World Bank Board of Executive Directors approved an \$890 million financing package for India's national rooftop solar programme on 9 and 10 July 2026. The package supports **PM Surya Ghar: Muft Bijli Yojana**, a residential rooftop solar scheme for households in rural and urban India.
- PM Surya Ghar: Muft Bijli Yojana is India's flagship residential rooftop solar programme. The scheme targets rooftop solar installations for 10 million households across the country. It is linked to household-level solar power generation and grid-connected electricity supply.
- The 890 million package includes an 820 million loan from the International Bank for Reconstruction and Development, a 60 million concessional loan from the Clean Technology Fund, and a 10 million grant from the Livable Planet Fund. The financing is designed to support residential solar deployment and related institutional capacity.
- The programme is expected to mobilise an additional \$4.2 billion in private financing through commercial lending for residential solar installations. It is projected to create about 1.7 million jobs across manufacturing, installation, and services linked to the renewable energy value chain.
- India has a net-zero emissions target for 2070. India has also set a goal of increasing the share of non-fossil-fuel-based energy resources to 60 per cent of its electricity mix by 2035.



ONGC Approves Strategic Crude Reserve Expansion

- ONGC granted in-principle approval on 9 July 2026 for a 1.75 million metric tonnes Strategic Petroleum Reserve at Mangaluru in Karnataka. The project is a Phase-I extension and falls under India's strategic crude storage network, which is managed by Indian Strategic Petroleum Reserves Ltd.
- A Strategic Petroleum Reserve is an emergency stockpile of crude oil maintained for supply security during disruptions in imports or global market shocks. India's existing strategic crude storage capacity is 5.33 million metric tonnes across Visakhapatnam, Mangaluru, and Padur.
- This capacity is sufficient for about 9.5 days of crude oil requirement, based on 2019-20 consumption patterns.
- ONGC is India's largest explorer and is the first public sector energy company in the country to directly fund the creation of a strategic crude storage facility. The expansion is linked to energy security planning under the Ministry of Petroleum and Natural Gas.



REVIEW QUESTIONS

1. ISRO recently conducted the flight acceptance hot test of the CE20 cryogenic engine for which upcoming mission?

- A) PSLV-C65
- B) GSLV-F18
- C) **LVM3-M7**
- D) SSLV-D5

Answer: C) LVM3-M7

2. The flight acceptance hot test of the CE20 cryogenic engine was conducted at which ISRO facility?

- A) Satish Dhawan Space Centre, Sriharikota
- B) Vikram Sarabhai Space Centre, Thiruvananthapuram
- C) UR Rao Satellite Centre, Bengaluru
- D) **ISRO Propulsion Complex (IPRC), Mahendragiri, Tamil Nadu**

Answer: D) ISRO Propulsion Complex (IPRC), Mahendragiri

3. During the latest CE20 engine test, ISRO successfully used which technology for the first time in a flight acceptance test?

- A) Semi-Cryogenic Booster
- B) Reusable Engine Module

- C) **Nozzle Protection System**
- D) Scramjet Ignition System

Answer: C) Nozzle Protection System

4. According to the AISHE 2023–24 report, which Indian state recorded the highest Gross Enrollment Ratio (GER) in higher education?

- A) Kerala
- B) Karnataka
- C) Maharashtra
- D) **Tamil Nadu**

Answer: D) Tamil Nadu

5. What was Tamil Nadu's Gross Enrollment Ratio (GER) in higher education during the academic year 2023–24?

- A) 47.0%
- B) 49.1%
- C) 50.8%
- D) **52.3%**

Answer: D) 52.3%

6. Gross Enrollment Ratio (GER) in higher education in India is calculated for which age group?

- A) 15–18 years
- B) **18–23 years**
- C) 20–25 years
- D) 21–30 years

Answer: B) 18–23 years

7. The World Bank recently approved an \$890 million financing package to support which flagship Government of India scheme?

- A) PM-KUSUM
- B) National Solar Mission
- C) PM Awas Yojana
- D) **PM Surya Ghar: Muft Bijli Yojana**

Answer: D) PM Surya Ghar: Muft Bijli Yojana

8. The PM Surya Ghar: Muft Bijli Yojana aims to provide rooftop solar installations to approximately how many households?

- A) 2 million
- B) 5 million
- C) **10 million**
- D) 15 million

Answer: C) 10 million

9. ONGC has approved the establishment of a 1.75 million metric tonne Strategic Petroleum Reserve (SPR) at which location?

- A) Visakhapatnam, Andhra Pradesh
- B) Padur, Karnataka
- C) Paradip, Odisha
- D) **Mangaluru, Karnataka**

Answer: D) Mangaluru, Karnataka

10. India's existing Strategic Petroleum Reserve (SPR) capacity before the approved expansion stands at approximately:

- A) 3.25 million metric tonnes
- B) 4.75 million metric tonnes
- C) **5.33 million metric tonnes**
- D) 7.50 million metric tonnes

Answer: C) 5.33 million metric tonnes