

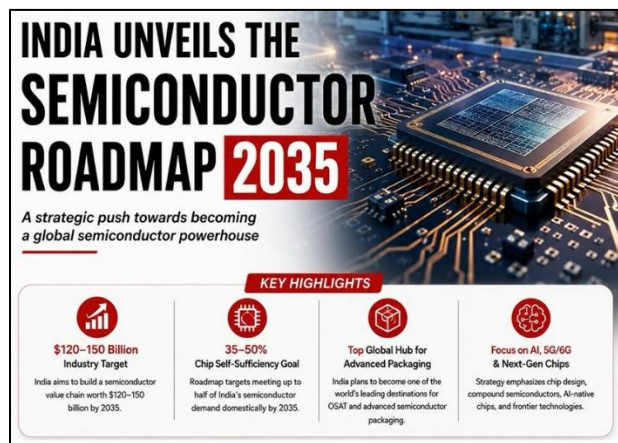
June - 03

TNPSC BITS

- ❖ Indian Railways has approved India's first indigenous 10-coach Hydrogen Fuel Cell-based train on the Jind-Sonipat route in Haryana, developed by the Research Designs and Standards Organisation (RDSO).
 - The train runs on hydrogen fuel cells and serves as a zero-emission alternative to diesel trains, producing only water vapour and heat as by-products.
- ❖ Scientists from the Jawaharlal Nehru Tropical Botanic Garden and Research Institute discovered a new evergreen tree species named *Humboldtia nairiana* in the riparian forests of Shendurney Wildlife Sanctuary.
 - *Humboldtia nairiana* belongs to the *Humboldtia* genus of legumes.
- ❖ Vice Admiral Ajay Kochhar assumed charge as the 48th Vice Chief of the Naval Staff (VCNS), succeeding Vice Admiral Sanjay Vatsayan.
- ❖ Kerala-based startup Netrasemi unveiled India's first indigenous Artificial Intelligence (AI) System-on-Chip (SoC), named A2000.
- ❖ World Milk Day is observed annually on 1 June, an initiative established by the FAO of the United Nations in 2001 to promote the importance of milk and dairy products in nutrition and food security.
 - The theme for the year 2026 is "Celebrating Women Farmers".

NATIONAL NEWS

Semiconductor Roadmap 2035



- ❖ NITI Aayog has released Future of India's Semiconductor Industry, India's first comprehensive 10-year semiconductor roadmap.

- ❖ The roadmap aims to build a \$120–150 billion domestic semiconductor value chain by 2035.
- ❖ India currently imports 90–95% of its semiconductor requirements.
- ❖ India’s semiconductor market is projected to reach \$200 billion by 2035.
- ❖ The roadmap focuses on OSAT (Outsourced Semiconductor Assembly and Test), mature logic nodes, and compound semiconductors.
- ❖ India accounts for 20% of the global semiconductor design workforce and aims to capture 10–13% of the global semiconductor market by 2035.

National Seed Reserve

- ❖ The Union Ministry of Agriculture announced a National Seed Reserve of 1.74 lakh quintals for the Kharif 2026 season.
- ❖ The reserve has been created to ensure timely seed availability during delayed monsoons, dry spells, or resowing requirements.
- ❖ India requires about 173 lakh quintals of seeds for Kharif 2026, while 192 lakh quintals are available.
- ❖ The available seed stock is about 11% higher than the national requirement.
- ❖ More than 9.76 crore Farmer IDs have been created to improve the delivery of government scheme benefits.



India’s Maritime Digital Reforms

- ❖ The Union Government launched the Logistics Port Performance Index (LPPI) 2024–25 and four digital maritime platforms during the 37th Foundation Day of the Jawaharlal Nehru Port Authority, Maharashtra.

- ❖ LPPI, developed under the Sagar Aankalan framework, benchmarks port performance using indicators such as vessel turnaround time, berth idle time, and pre-berthing waiting time.
- ❖ The four digital initiatives are the e-Navik Grievance Redressal Module, e-Samudra Ship Registration Module, Medical Practitioner Module, and Unified Ship Recycling Portal.
- ❖ These initiatives were developed by the Directorate General of Shipping to promote paperless, digital, and efficient maritime governance.
- ❖ The reforms aim to improve port efficiency, simplify ship registration, strengthen seafarer welfare, and support India's maritime sector growth.



ECONOMY NEWS

India's First Blue Bond

- ❖ Sagarmala Finance Corporation Limited plans to launch India's first Blue Bond in FY 2026–27.
- ❖ The bond issue aims to raise ₹1,000 crore for maritime infrastructure and blue economy projects.
- ❖ Blue Bonds are debt instruments used to finance the sustainable use, conservation, and management of ocean and marine resources.
- ❖ The funds will support ports, coastal infrastructure, shipping, and inland waterways projects.

- ❖ The world's first sovereign Blue Bond was issued by Seychelles in 2018.



RBI's Kill Switch Facility



- ❖ The Reserve Bank of India is exploring a universal 'Kill Switch' mechanism and 'Switch On/Switch Off' facility for digital payment channels.
- ❖ The Kill Switch is an emergency security feature that can instantly freeze all digital transactions from a bank account or digital wallet when fraud is suspected.
- ❖ The proposed facility will cover UPI (Unified Payments Interface), IMPS (Immediate Payment Service), NEFT (National Electronic Funds Transfer), internet banking, and digital wallets.
- ❖ Users may be able to activate the feature through mobile banking apps, SMS, IVR (Interactive Voice Response), or online portals.

- ❖ The initiative aims to strengthen protection against cyber fraud and improve the security of India's digital payment ecosystem.

Seafood Exports 2025–2026

- ❖ India's seafood exports reached a record USD 8.46 billion (₹73,890 crore) in FY 2025–26.
- ❖ India exported 19.72 lakh metric tonnes of marine products during the financial year.
- ❖ Frozen shrimp remained the largest export item, contributing 66.52% of total export earnings.
- ❖ The United States remained the largest importer of Indian seafood, while exports to China recorded significant growth.
- ❖ The Marine Products Export Development Authority (MPEDA) released the export data on 1 June 2026.
- ❖ Major export ports included Visakhapatnam, Jawaharlal Nehru Port, Kochi, Kolkata, and Chennai.

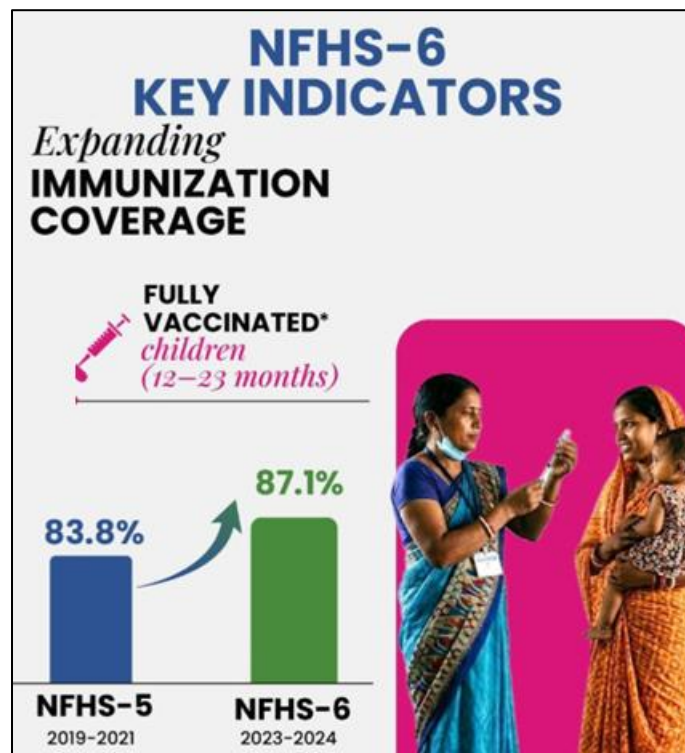


REPORTS AND INDICES

NFHS-6 Report

- ❖ The Ministry of Health and Family Welfare has released the National Family Health Survey-6 (NFHS-6) for 2023–24.

- ❖ NFHS-6 covered 6.79 lakh households across 715 districts and was conducted with the International Institute for Population Sciences as the nodal agency.
- ❖ Antenatal Care (ANC) coverage increased from 92.6% to 95.9%, while institutional deliveries increased from 88.6% to 90.6%.
- ❖ Full immunization among children aged 12–23 months increased from 83.8% to 87.1%.
- ❖ Stunting among children under five years declined from 35.5% to 29.3%, and severe wasting declined from 7.7% to 5.2%.
- ❖ India's Total Fertility Rate (TFR) remained at 2.0, while women's use of the internet increased from 33.3% to 64.3%.

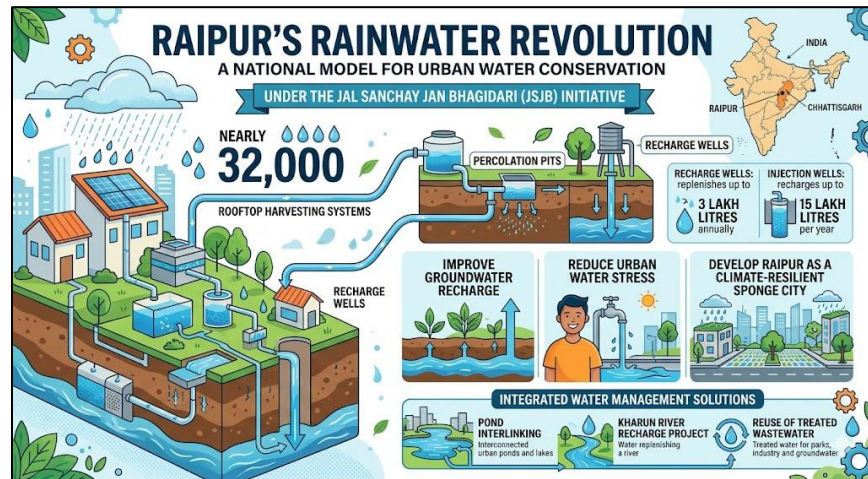


STATE NEWS

Raipur's Rainwater Revolution

- ❖ Raipur, the capital of Chhattisgarh, has emerged as a national model for urban water conservation under the Jal Sanchay Jan Bhagidari (JSJB) initiative.
- ❖ Nearly 32,000 rainwater harvesting and groundwater recharge structures have been created, including recharge wells, percolation pits, and rooftop harvesting systems.

- ❖ The initiative aims to improve groundwater recharge, reduce urban water stress, and develop Raipur as a climate-resilient Sponge City.
- ❖ Recharge wells can replenish up to 3 lakh litres of water annually, while injection wells can recharge up to 15 lakh litres per year.
- ❖ It also includes pond interlinking, the Kharun River recharge project, and the reuse of treated wastewater for sustainable urban water management.



PERSONALITIES, AWARDS, AND EVENTS

Historic Appointment to the Supreme Court - V. Mohana



- ❖ Senior Advocate V. Mohana has been appointed as a Judge of the Supreme Court of India.

- ❖ She is only the second woman in India's history to be directly elevated from the Bar to the Supreme Court, after Indu Malhotra.
- ❖ She is the first woman from Tamil Nadu to be directly elevated from the Bar to the Supreme Court.
- ❖ She becomes the 12th woman judge in the history of the Supreme Court of India.
- ❖ With her appointment, the Supreme Court will have two serving women judges— V. Mohana and B. V. Nagarathna.
- ❖ Justice B. V. Nagarathna is expected to become India's first woman Chief Justice in 2027.
- ❖ M. Fathima Beevi was the first woman judge of the Supreme Court, appointed in 1989.

New Chief of Defence Staff - N.S. Raja Subramani



- ❖ General N.S. Raja Subramani has been appointed as India's new Chief of Defence Staff (CDS).
- ❖ He succeeds Anil Chauhan and becomes the senior-most military officer in the country.
- ❖ General Anil Chauhan completed his tenure as Chief of Defence Staff (CDS) on 30 May 2026.

- ❖ The CDS is the senior-most military appointment and principal military adviser to the Government of India.
- ❖ Before assuming the post, General Subramani served as Military Adviser at the National Security Council Secretariat.
- ❖ He is the 3rd Chief of Defence Staff of the Indian Armed Forces and also serves as Secretary, Department of Military Affairs.

IMPORTANT DAYS

Hindi Journalism Day 2026 - May 30

- ❖ Hindi Journalism Day is observed annually on 30 May to commemorate the beginning of Hindi journalism in India.
- ❖ On 30 May 1826, India's first Hindi newspaper, Udant Martand ("The Rising Sun"), was launched from Kolkata (then Calcutta) by Pandit Jugal Kishore Shukla.
- ❖ The day recognises the contribution of Hindi journalism in promoting public awareness, strengthening democracy, and expanding access to information in Indian languages.
- ❖ 2026 marks the 200th anniversary of Hindi journalism in India.



International Week of Solidarity with the Peoples of Non-Self-Governing Territories 2026 - May 25/31

- ❖ The day aims to promote awareness about decolonization and support the right of peoples in Non-Self-Governing Territories to self-determination.

- ❖ A Non-Self-Governing Territory (NSGT) is a territory whose people have not yet attained a full measure of self-government, as defined under Chapter XI of the UN Charter.
- ❖ The observance was established by the UN General Assembly Resolution in the year 1999.
- ❖ At present, 17 Non-Self-Governing Territories remain on the UN list.
- ❖ The current period, 2021–2030, is observed as the Fourth International Decade for the Eradication of Colonialism.
- ❖ The UN considers decolonisation one of its major achievements, reducing the population living under colonial rule from about 750 million in 1945 to fewer than 2 million today.

