

June - 01

TNPSC BITS

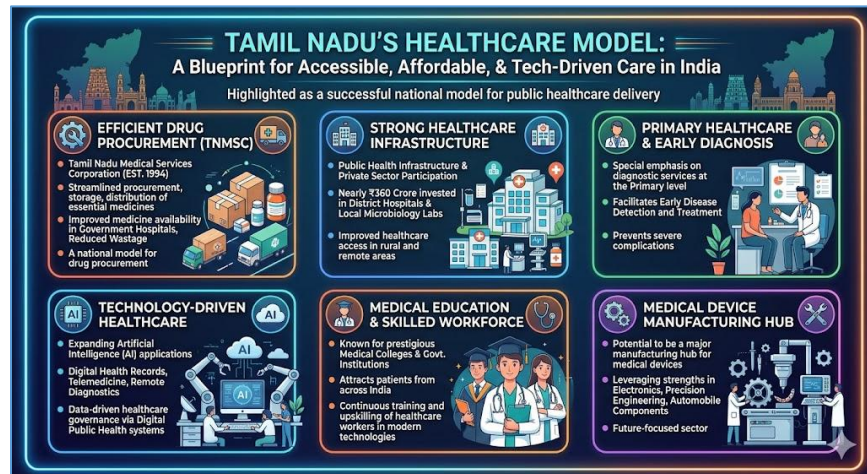
- ❖ A book titled India's First Olympic Gold, written by hockey historian K. Arumugam, was released in New Delhi to commemorate India's first Olympic gold medal in hockey at the 1928 Amsterdam Olympics.
- ❖ Indian shooter Esha Singh won the gold medal with a world record score in the women's 25m pistol event at the ISSF World Cup 2026, Munich, Germany.
- ❖ Kerala Governor Rajendra Arlekar announced the 'Project Menstrual Dignity' in the State Assembly policy address to promote menstrual health support for students.
 - The project proposes up to three days of menstrual leave per month for schoolgirls in Kerala.
- ❖ The Rusty-Spotted Cat was recorded for the first time in the National Chambal Sanctuary of Uttar Pradesh.
 - The Rusty-Spotted Cat (*Prionailurus rubiginosus*) is one of the smallest wild cat species in Asia.
- ❖ Kazakhstan has signed a \$16.5 billion agreement with Russia's state nuclear company Rosatom to build the country's first nuclear power plant.
 - Kazakhstan is the world's largest producer of uranium and approved the project after a 2024 national referendum.
- ❖ India successfully launched Mission SANA, the country's first indigenous stratospheric super-pressure balloon mission, from Vijayawada by Red Balloon Aerospace.
 - With this achievement, India became one of only five countries possessing indigenous stratospheric super-pressure balloon technology.

TAMIL NADU NEWS

Tamil Nadu's Healthcare Model

- ❖ Tamil Nadu's healthcare system is being highlighted as a model for accessible, affordable, and technology-driven healthcare delivery in India.
- ❖ The Tamil Nadu Medical Services Corporation (TNMSC) was established in 1994 to streamline the procurement, storage, and distribution of essential medicines in government hospitals.
- ❖ TNMSC improved medicine availability, reduced wastage, and became a national model for public-sector drug procurement.

- ❖ The State has developed a strong healthcare ecosystem by combining public health infrastructure with private sector participation.
- ❖ Tamil Nadu places special emphasis on diagnostic services at the primary healthcare level, helping in early disease detection and treatment.
- ❖ Investments of nearly ₹360 crore in district hospitals and local microbiology laboratories have improved healthcare access in rural and remote areas.
- ❖ The State is expanding the use of Artificial Intelligence (AI), digital health records, telemedicine, and remote diagnostics to improve healthcare delivery.
- ❖ Tamil Nadu promotes data-driven healthcare governance through digital public health systems.
- ❖ The State is known for its medical colleges and government healthcare institutions, attracting patients from across India.
- ❖ Continuous training and upskilling of healthcare workers in diagnostics, AI-assisted systems, and digital health technologies remain a key focus.
- ❖ Tamil Nadu also has the potential to become a major manufacturing hub for medical devices and equipment by leveraging its strengths in electronics, precision engineering, and automobile components.

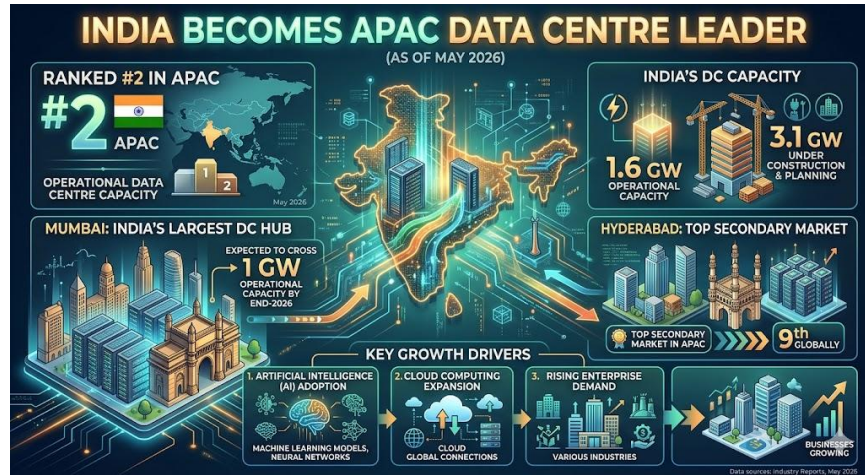


NATIONAL NEWS

APAC Data Centre Leader

- ❖ India ranked second in the Asia-Pacific (APAC) region in operational data centre capacity as of May 2026.
- ❖ India has 1.6 Gigawatts (GW) of operational data centre capacity and 3.1 GW under construction and planning.

- ❖ Mumbai is India's largest data centre hub and is expected to cross 1 GW operational capacity by the end of 2026.
- ❖ Hyderabad ranked as the top secondary data centre market in APAC and 9th globally.
- ❖ Growth is driven by Artificial Intelligence (AI) adoption, cloud computing expansion, and rising enterprise demand.



India's Rooftop Solar Mission



- ❖ India's clean-energy housing expansion is being driven by the PM Surya Ghar: Muft Bijli Yojana, which aims to install rooftop solar systems in 1 crore households by March 2027.
- ❖ The scheme launched on 13 February 2024, and it is the world's largest domestic rooftop solar programme.
- ❖ The scheme provides subsidies of up to 40% for residential rooftop solar installations.

- ❖ Households can receive subsidy support ranging from ₹30,000 to ₹78,000, depending on system capacity.
- ❖ The scheme is expected to add 30 Gigawatts (GW) of rooftop solar capacity and generate 1,000 Billion Units (BU) of electricity over 25 years.
- ❖ It is projected to reduce 720 million tonnes of carbon dioxide (CO₂) emissions and create around 17 lakh direct jobs.

Unified Emergency Helpline 112

- ❖ The Supreme Court directed all States and Union Territories to integrate all emergency and ambulance helplines into a single number 112 within three months.
- ❖ The Court stated that the Right to Trauma Care is part of the Right to Life under Article 21.
- ❖ All emergency numbers, such as 100, 101, 108, 102, 1033, 1091, etc., will be merged into 112.
- ❖ States and UTs must complete full technical and operational integration within three months.
- ❖ A Good Samaritan grievance redressal system will also be established to support trauma care services.



INTERNATIONAL NEWS

India–Vietnam BrahMos Missile Deal

- ❖ India has signed a deal with Vietnam for the supply of BrahMos supersonic cruise missile, Defence Secretary Rajesh Kumar Singh announced.
- ❖ BrahMos is a supersonic cruise missile jointly developed by India and Russia.

- ❖ The announcement was made at the Shangri-La Dialogue, a major defence forum in Singapore.
- ❖ India is also in the final stages of negotiating a similar BrahMos missile deal with Indonesia.
- ❖ India has already exported BrahMos missiles to the Philippines, marking a major step in defence exports.



1st International Security Forum



National Security Advisor Ajit Doval is currently in Moscow to attend the first International Security Forum and the 14th Meeting of High Representatives for Security Matters

- ❖ India's National Security Adviser participated in the 1st International Security Forum (ISF) held in Moscow, Russia.

- ❖ The forum was organised by the Security Council of the Russian Federation.
- ❖ Key areas of discussion included terrorism, cybersecurity, information security, regional conflicts, strategic stability, and international cooperation.
- ❖ The forum served as a platform for dialogue among national security advisers, government officials, and security experts from different countries.
- ❖ The event aimed to strengthen cooperation in addressing cross-border threats and promoting a multipolar and secure international order.

SCIENCE AND TECHNOLOGY NEWS

China's Xenotransplant Breakthrough

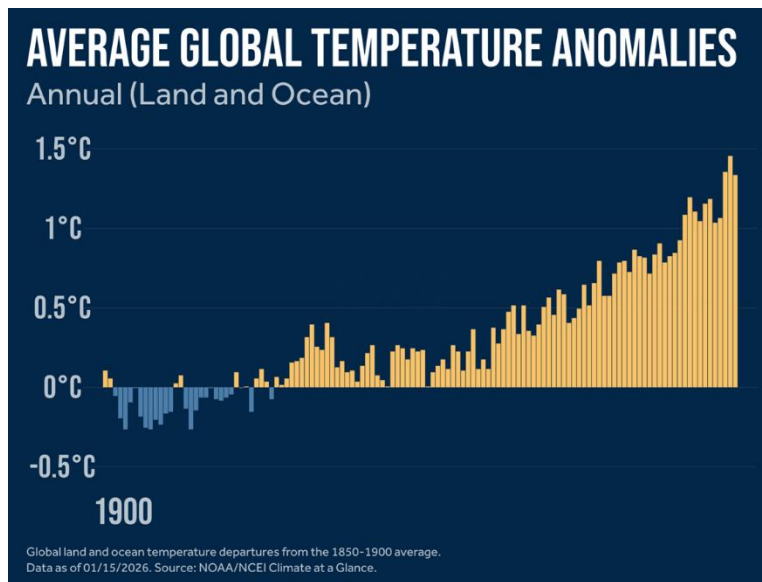


- ❖ China successfully performed the world's first simultaneous pig liver and kidney transplant into a human patient.
- ❖ The transplanted organs included two gene-edited pig kidneys and one gene-edited pig liver.
- ❖ Xenotransplantation is the transplantation of living cells, tissues, or organs from one species to another.
- ❖ Scientists edited six genes in the pig organs to reduce immune rejection and improve compatibility with humans.

- ❖ Pig organs are widely used in xenotransplantation research because their organ size and physiological characteristics are similar to those of humans.

REPORTS AND INDICES

Global Climate Update Report



- ❖ The Global Annual to Decadal Climate Update 2026–2035 has warned of rising global temperatures and increasing climate extremes over the next decade.
- ❖ The report was released by the World Meteorological Organization.
- ❖ Global temperatures during 2026–2030 are projected to be 1.3°C to 1.9°C above pre-industrial levels.
- ❖ There is a 91% probability that global temperatures will temporarily exceed the 1.5°C warming threshold before 2030.
- ❖ Arctic winters are expected to be about 2.8°C warmer than recent historical averages.
- ❖ The report highlights an increased risk of heatwaves and other extreme weather events worldwide.

State of India's Digital Economy 2026 Report

- ❖ The State of India's Digital Economy (SIDE) 2026 report has been released by the ICRIER–Prosus Centre for Internet and Digital Economy.

- ❖ India has risen to 5th position globally in the digital economy and 4th rank in standalone AI performance, ahead of countries like Germany, France, Japan, the UK and Canada.
- ❖ The report states that India generated USD 328 billion in digitally delivered trade and has the world's second-largest AI talent pool after the United States.
- ❖ It finds that 72% of global AI users are now in developing countries, showing rapid diffusion of generative AI across emerging economies.
- ❖ The global digital economy is becoming tri-polar, with China, Singapore and India among the top five digital economies, reflecting a shift toward the Indo-Pacific region.



PERSONALITIES, AWARDS, AND EVENTS

UN Peacekeeping Awards 2026

- ❖ Two Indian peacekeepers will be honoured posthumously by the United Nations on the International Day of United Nations Peacekeepers (29 May).
- ❖ Lance Havildar Harbhajan Singh and Naib Subedar Sujit Kumar Pradhan will receive the Dag Hammarskjöld Medal for their sacrifice in UN peacekeeping missions.

- ❖ Harbhajan Singh served with the United Nations Organization Stabilization Mission in the Democratic Republic of the Congo (MONUSCO), while Sujit Kumar Pradhan served with the United Nations Mission in South Sudan (UNMISS).
- ❖ Major Abhilasha Barak will receive the 2025 Military Gender Advocate of the Year Award for her service with the United Nations Interim Force in Lebanon (UNIFIL).
- ❖ India is the second-largest contributor of uniformed personnel to UN Peacekeeping, with more than 4,200 military and police personnel currently deployed.
- ❖ Nearly 180 Indian peacekeepers have lost their lives in UN missions, the highest number among troop-contributing countries.
- ❖ The International Day of United Nations Peacekeepers is observed every year on 29 May, marking the establishment of the first UN peacekeeping mission in 1948.

