



**November - 14**

## **TNPSC BITS**

- ❖ Ethiopia is set to host the 32nd Conference of the Parties (COP32) under the United Nations Framework Convention on Climate Change (UNFCCC) in 2027.
  - It will be the first East African nation to organize a UN Climate Change Conference.
- ❖ The Eastern Command of the Indian Armed Forces conducted the tri-service exercise Poorvi Prachand Prahar at Mechuka in Arunachal Pradesh.
- ❖ David Szalay, a Hungarian-British author, won the 2025 Booker Prize for his sixth novel, Flesh.
- ❖ The 11th edition of Exercise Mitra Shakti 2025 between India and Sri Lanka is being held at the Foreign Training Node in Belagavi, Karnataka.
- ❖ Samrat Rana won the men's 10-meter air pistol gold at the International Shooting Sport Federation (ISSF) World Championship in Cairo.
  - Thus, he became the first Indian shooter to win an individual air pistol world title.
- ❖ Shailesh Chandra was elected President of the Organisation Internationale des Constructeurs d'Automobiles (OICA), effective from November 1, 2025.
  - He became the first Indian to lead the global federation of motor vehicle manufacturers.

## **TAMIL NADU NEWS**

### **Day care centres – Anbu Solai**

- ❖ Chief Minister launched day care centres for senior citizens, called Anbu Solai (Garden of Love), on November 10, 2025, in Trichy.
- ❖ It aims to promote the well-being of the elderly, especially those from working-class families.
- ❖ A total of 25 centres have been established across Tamil Nadu under the Department of Social Welfare and Women Empowerment.
- ❖ The centres will offer facilities such as indoor games, physiotherapy, handicraft training, tiffin, and lunch.
- ❖ In the first phase, two centres each have been set up in 10 municipal corporations, and three in Greater Chennai at Sholinganallur, Tondiarpet, and Virugambakkam.

## ANBU SOLAI:

### DAY CARE CENTRES FOR SENIOR CITIZENS

Launched in Tamil Nadu  
November 10, 2025 - Tiruchi




**INITIATIVE BY**

- Chief Minister launches "Anbu Solai" (Garden)
- Aims to promote well-weliting of elderly, especially on especially from working-class families

**KEY FEATURES**

- 25 centres across Tamil Nadu
- Under Dept. of Social Welfare and Women Emporsement
- Budget Allocation: ₹10 Crore (2025-26)

**FACILITIES OFFERED**

- Indoor Games
- Physiotherapy
- Handicraft Training
- Tiffin & Lunch

**FIRST PHASE IMPLEMENTATION**

- 2 centres each in 10 municipal corporations
- 3 centres in Greater Chennai (Sholiniganallu, Tondifarpet, Tondiarpet, & Virugambakkam)

A place of love and care for our elders.

## India's first 'Women's Wellness on Wheels' units



- ❖ Tamil Nadu Government is set to launch India's first 'Women's Wellness on Wheels' vehicle.
- ❖ A total of 38 vehicles will be launched across 38 districts under the scheme.
- ❖ The vehicles will conduct health check-ups for women, including screening for cervical cancer and breast cancer.



- ❖ The scheme is implemented by the Department of Social Welfare and the Health Department.

### **Tamil Nadu in Udyog Samagam 2025**

- ❖ Tamil Nadu was recognised as a top achiever in four parameters under the Business Reforms Action Plan (BRAP) 2024.
- ❖ The recognition was announced at the Udyog Samagam 2025 held in New Delhi.
- ❖ The event was organised by the Department for Promotion of Industry and Internal Trade (DPIIT).
- ❖ The State received recognition for reforms in business entry, construction permits, labour enablers, and land administration.

#### **Tamil Nadu Tops India's Business Reform Charts**

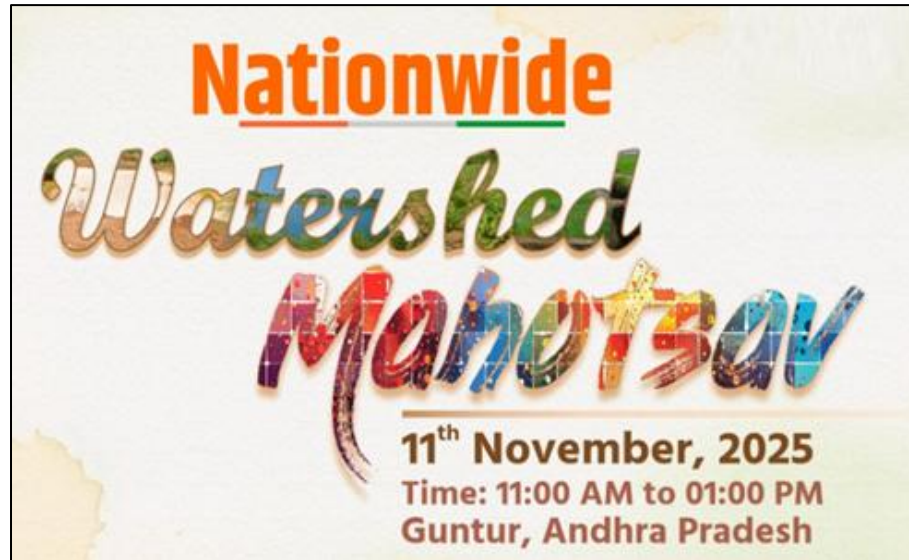
Tamil Nadu has been recognised as a top achiever in the Business Reforms Action Plan (BRAP 2024) for leading reforms in business entry, construction permits, labour enablers, and land administration. The state received the honour at the Udyog Samagam 2025 conference organised by the Department for Promotion of Industry and Internal Trade (DPIIT). Industries Minister T.R.B. Raja said this recognition highlights Tamil Nadu's consistent commitment to creating a pro-business, pro-worker, and pro-growth ecosystem.

## **NATIONAL NEWS**

### **Watershed Mahotsav 2025**

- ❖ The union minister for Agriculture and Farmers Welfare inaugurated the Watershed Mahotsav in Guntur, Andhra Pradesh.
- ❖ The event was part of the National Watershed Conference organised by the Department of Land Resources under the Ministry of Rural Development.
- ❖ The Mahotsav aimed to promote sustainable soil and water conservation and strengthen public participation in watershed development.
- ❖ Mission Watershed Revitalisation was also launched to restore assets created under previous watershed projects through the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA).

- ❖ The initiative highlighted the government's focus on water security, resilient agriculture, and sustainable rural livelihoods across India.



### Corneal Transplant Guidelines 2025

**CORNEAL TRANSPANT GUIDELINES:**  
**Key Amedements**  
Strengitehing Access Acrass India

**NEW RULES (2025)**

- Ministry of Health & Family Welfare notifies amended rules.
- Under Transplintation of Human Organs & Tissues Act, 1994

  
GOVERNMENT INDIA  
Ministry of Health & Family Welfare

**KEY CHANGE**

 Clinical Specular equipment no longer mandtary for centres

**IMPACT**

- Eases operational challenges for smaller eye centres Especially in rural & semi-urban areas.
- Enhances access to cornea donation & transplntation services



National Organ Transtlat Programme (NOTP) strenghted.

**2025**

- ❖ The Ministry of Health and Family Welfare notified the Transplantation of Human Organs and Tissues (Amendment) Rules, 2025.

- ❖ The rules were issued under the Transplantation of Human Organs and Tissues Act, 1994.
- ❖ The amendment aims to strengthen the National Organ Transplant Programme (NOTP).
- ❖ Corneal transplantation centres no longer require mandatory Clinical Specular equipment.
- ❖ The change is expected to ease operational challenges for smaller eye centres in rural and semi-urban areas.
- ❖ The amendment is intended to enhance access to cornea donation and transplantation services across India.

### **Co-op Kumbh 2025**

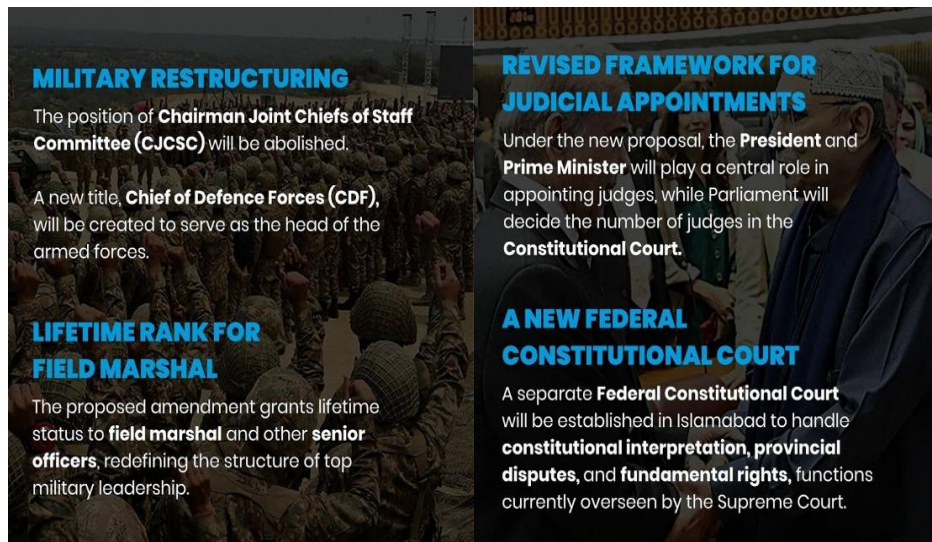


- ❖ Union Cooperation Minister inaugurated Co-op Kumbh 2025, an international conference on the urban cooperative credit sector, in New Delhi.
- ❖ The National Federation of Urban Cooperative Banks and Credit Societies Limited (NAFCUB) and urban organisations will issue guidelines for redesigning cooperative bank structures.
- ❖ The government aims to establish an urban cooperative bank in every town with a population above two lakhs within five years.
- ❖ Tribhuvan Cooperative University has been set up to train professionals for the cooperative sector.
- ❖ Digital initiatives like Sahakar DigiPay and Sahakar DigiLoan apps will enable small urban cooperative societies to adopt digital payments.

## INTERNATIONAL NEWS

### 27<sup>th</sup> Amendment in Pakistan

- ❖ Pakistan Parliament's 27th Constitutional Amendment, sparking nationwide protests by opposition parties.
- ❖ The amendment proposes replacing the Chairman Joint Chiefs of Staff Committee with a new Chief of Defence Forces and creating a Federal Constitutional Court.
- ❖ It also seeks to alter the appointment of High Court Judges and limit the powers of the Supreme Court.
- ❖ The government needs a two-thirds majority in both Houses for approval before it becomes law.
- ❖ Opposition groups claim the move threatens the Constitution, while some legal experts view it as a judicial reform.



The infographic is divided into four sections with a dark background and blue text. The left side features a background image of soldiers in camouflage uniforms, while the right side features a background image of a man in a blue uniform and cap.

- MILITARY RESTRUCTURING**  
The position of **Chairman Joint Chiefs of Staff Committee (CJCSC)** will be abolished.  
A new title, **Chief of Defence Forces (CDF)**, will be created to serve as the head of the armed forces.
- LIFETIME RANK FOR FIELD MARSHAL**  
The proposed amendment grants lifetime status to **field marshal** and other **senior officers**, redefining the structure of top military leadership.
- REVISED FRAMEWORK FOR JUDICIAL APPOINTMENTS**  
Under the new proposal, the **President** and **Prime Minister** will play a central role in appointing judges, while Parliament will decide the number of judges in the **Constitutional Court**.
- A NEW FEDERAL CONSTITUTIONAL COURT**  
A separate **Federal Constitutional Court** will be established in Islamabad to handle **constitutional interpretation, provincial disputes, and fundamental rights**, functions currently overseen by the Supreme Court.

### Measles Free Status of Canada

- ❖ Canada lost its measles elimination status in 2025 after over 5,000 cases were reported nationwide.
- ❖ The outbreak began in October 2024 and affected many provinces and the Northwest Territories.
- ❖ Measles is highly infectious, spread through the air via coughs and sneezes, and preventable by the Measles, Mumps, and Rubella (MMR) vaccine.
- ❖ Vaccination coverage in Canada dropped from 89.5 percent in 2019 to 82.5 percent in 2023, below the 95 percent needed for herd immunity.

**What are the signs and symptoms of measles?**

- High fever
- Dry cough
- Runny nose
- Red eyes
- Tiny white spots that may appear inside the mouth two to three days after symptoms begin
- Red, blotchy rash on the skin three to five days after symptoms begin

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**What's the best protection against measles?**  
The best protection against measles is vaccination.

 **1 dose: 93%** protection  
**2 doses: 97%** protection

**When should children be vaccinated?**

 First dose: **12 to 15** months old

 Second dose: **4 to 6** years old

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**What are the risks of measles?**

 About **1 in 5** unvaccinated people with measles in the U.S. will be hospitalized.

 As many as **1 in 20** children with measles will get pneumonia, which is the most common cause of death from measles in young children.

## ECONOMY NEWS

### Unified Digital Platform for Foreign Investors

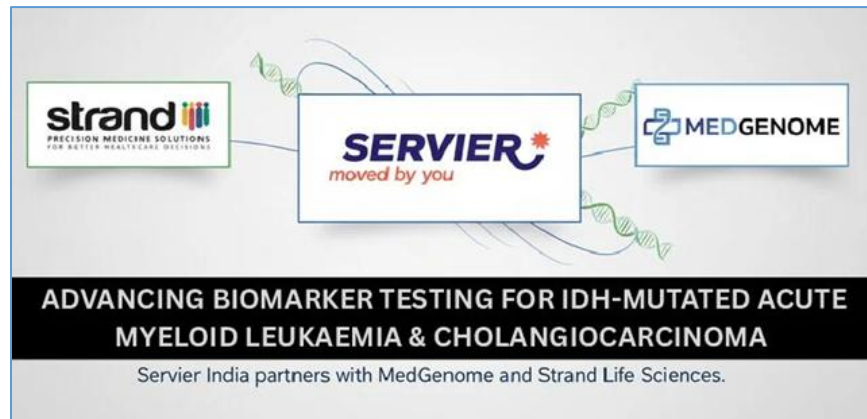


- ❖ The National Securities Depository Limited (NSDL) launched a unified digital portal for Foreign Portfolio Investors (FPI) and Foreign Venture Capital Investors (FVCI).
- ❖ The platform streamlines registration and compliance for overseas investors entering India's capital and securities markets.
- ❖ It consolidates FPI and FVCI registrations into a single interface, replacing multiple logins and manual procedures.

- ❖ The system features automated Permanent Account Number (PAN) requests, guided workflows, application tracking, and full audit trails.
- ❖ NSDL, established in 1996, manages securities in dematerialised form across India through its depository network.

## SCIENCE AND TECHNOLOGY NEWS

### Cancer Biomarker Tests



- ❖ Servier India launched an affordable biomarker testing initiative for leukaemia and bile duct cancer.
- ❖ The initiative was started with Med Genome and Strand Life Sciences to improve access to molecular testing.
- ❖ It focused on Acute Myeloid Leukaemia (AML) and Cholangiocarcinoma (CCA) with subsidised tests across India.
- ❖ Free Isocitrate Dehydrogenase 1 (IDH1) and Isocitrate Dehydrogenase 2 (IDH2) mutation testing was offered for the government sector.
- ❖ The initiative aimed to support early diagnosis and expand precision cancer care.

## ENVIRONMENT NEWS

### Global Climate Commitment

- ❖ COP29 in Baku set the Baku to Belém Roadmap, aiming to mobilize \$1.3 trillion in annual climate finance for developing nations by 2035.
- ❖ The roadmap outlined five priorities — replenishing, rebalancing, rechanneling, revamping, and reshaping — to expand funding for climate action.
- ❖ At COP30 in Belém, Brazil, countries were expected to turn these goals into measurable actions for climate justice and equitable finance.

- ❖ The summit placed focus on reforming multilateral development banks (MDBs), enhancing debt relief, and strengthening carbon market integrity.



### **First South Asian Nation in UN Water Pact - Bangladesh**

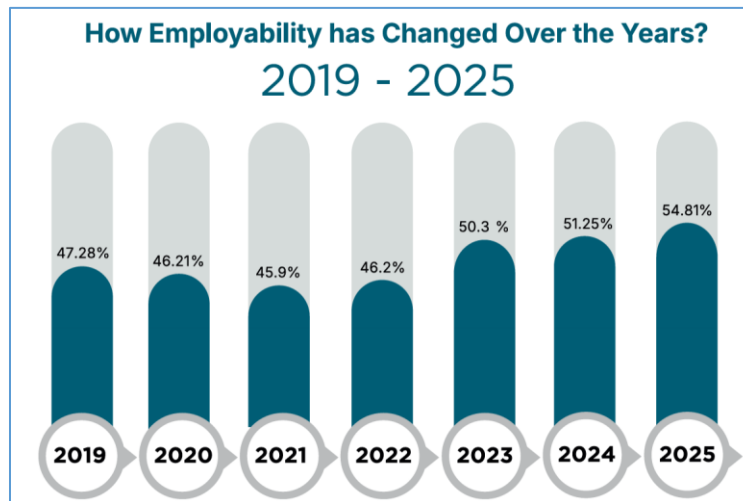


- ❖ Bangladesh became the first country in South Asia to join the United Nations (UN) Water Convention.
- ❖ The convention is officially called the Convention on the Protection and Use of Transboundary Watercourses and International Lakes.
- ❖ It aims to promote cooperation and sustainable management of shared water resources between nations.
- ❖ Bangladesh joined the convention to enhance water security and cross-border collaboration.
- ❖ The country shares major rivers such as the Ganges, Brahmaputra, and Meghna with India and China.

## REPORTS AND INDICES

### India Skills Report 2026

- ❖ The report was released by the Educational Testing Service (ETS) with the Confederation of Indian Industry (CII), AICTE, Association of Indian Universities (AIU), and Taggd.
- ❖ India's employability increased to 56.35% in the India Skills Report 2026, up from 54.81% last year.
- ❖ Uttar Pradesh, Maharashtra, and Karnataka recorded the highest employability levels for 2026.
- ❖ India accounted for 16% of the global Artificial Intelligence (AI) talent pool, expected to reach 1.25 million professionals by 2027.



## STATES' NEWS

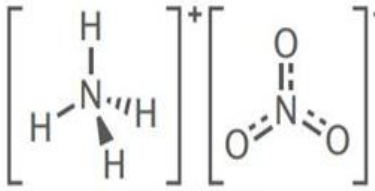
### Delhi Blast 2025

- ❖ A car exploded near the Red Fort Metro Station in Delhi on November 10, 2025.
- ❖ Investigators suspect that, the car might be carrying Ammonium Nitrate Fuel Oil (ANFO).
- ❖ ANFO is a common industrial explosive made by mixing porous ammonium nitrate with fuel oil.
- ❖ Ammonium nitrate is an odourless, white crystalline chemical that is commonly used to make fertiliser and explosives.
- ❖ It is a powerful oxidiser and, under the right conditions, can cause a massive explosion that involves the rapid decomposition of the chemical compound into a large volume of hot gases.

- ❖ The decomposition reaction from an ammonium nitrate bomb produces an exothermic reaction, releasing nitrous oxide and water vapour.
- ❖ They can expand rapidly (up to 1,000 times the initial volume).
- ❖ The reaction also generates significant heat, with temperatures reaching up to 2,000 degrees Celsius in the immediate vicinity.
- ❖ But on its own, ammonium nitrate is not considered an explosive.

## WHAT IS AMMONIUM NITRATE?

### WHAT IS AMMONIUM NITRATE?



AMMONIUM NITRATE

Ammonium nitrate is a crystalline white solid. It's made in large quantities industrially by the reaction of ammonia with concentrated nitric acid.

$$\text{NH}_3 + \text{HNO}_3 \longrightarrow \text{NH}_4\text{NO}_3$$

AMMONIA
NITRIC ACID
AMMONIUM NITRATE

### AMMONIUM NITRATE EXPLOSIONS

Pure ammonium nitrate does not explode easily and can be handled safely. The risk of explosion increases if it is contaminated with impurities. It decomposes at high temperatures and if confined can explode.

230 °C

→

DECOMPOSES

260-300 °C

→

EXPLODES\*

\*if confined

When ammonium nitrate decomposes, it primarily breaks down into a number of gases: nitrogen, water vapour and oxygen. This rapid release of gas causes an explosion.

$$2 \text{NH}_4\text{NO}_3(\text{s}) \longrightarrow 2 \text{N}_2(\text{g}) + 4 \text{H}_2\text{O}(\text{g}) + \text{O}_2(\text{g})$$

AMMONIUM NITRATE
NITROGEN, WATER VAPOUR AND OXYGEN

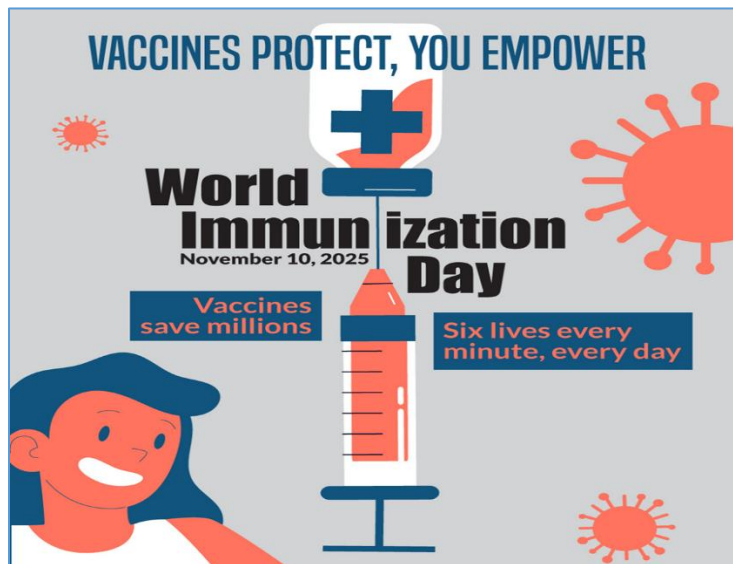
## Polygamy Bill 2025 – Assam



- ❖ The Assam Cabinet has approved a bill to ban polygamy in the state.
- ❖ The Bill prohibits any individual from marrying if they already have a living spouse, are not legally separated, or if a divorce decree has not dissolved their previous marriage.
- ❖ Some exceptions may apply for the Sixth Schedule areas.
- ❖ Conviction under the Bill may lead to rigorous imprisonment of up to seven years.
- ❖ The government plans to create a fund to compensate women affected by polygamy.

## IMPORTANT DAYS

### World Immunization Day 2025 – November 10



- ❖ The aim is to raise global awareness about the importance of vaccines and promote universal access to immunization to prevent infectious diseases.
- ❖ The observance was established by the World Health Organization (WHO) in 2012.
- ❖ Immunization helps prevent diseases such as polio, measles, and smallpox and protects vulnerable populations through herd immunity.
- ❖ The theme for 2025 is "Immunization for All is Humanly Possible."

### National Education Day 2025 - November 11

- ❖ This day is to mark the birth anniversary of Maulana Abul Kalam Azad, the first Minister of Education of independent India.



- ❖ The day aims to honour contributions to India's education system and promote awareness about the importance of learning for national development.
- ❖ The theme for 2025 is "AI and Education – Preserving Human Agency in a World of Automation."
- ❖ Maulana Abul Kalam Azad contributed to establishing major institutions such as the University Grants Commission (UGC), Indian Institute of Technology (IIT) Kharagpur, and All India Council for Technical Education (AICTE).

**Maulana Abul Kalam Azad**—freedom fighter, scholar, poet, and journalist—was born on Nov 11, 1888

## Enigmatic Educator

|                                                                  |                                                                                                                                                       |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Youngest President</b> of the Indian National Congress, at 35 | Most prominent Muslim leader to <b>oppose the creation of Pakistan</b>                                                                                |
| <b>Became first Minister of Education in independent India</b>   | His birth anniversary is observed as <b>National Education Day</b>  |
| <b>Refused Bharat Ratna</b> , was awarded posthumously in 1992   |                                                                                                                                                       |

*"I am a part of the indivisible unity that is Indian nationality"*

