

June - 07

## TNPSC BITS

- ❖ The Indian Air Force (IAF) successfully flight-tested the indigenous RudraM-II, an air-to-surface anti-radiation missile (ARM) developed by the DRDO.
- ❖ Maria Montserrat Alvarado has been appointed as the first lay woman to head a Vatican department and will assume office on 1 November 2026 as the first non-religious woman to serve as Prefect of a Vatican dicastery.
- ❖ Andhra Pradesh Community Managed Natural Farming (APCNF) won the Food Planet Prize 2026, a global award for sustainable food systems.
- ❖ Odisha was selected for the PM Surya Ghar Excellence Awards for its outstanding performance in the Month of Solar Campaign 2026.
  - Odisha ranked first among medium-consumer states in applications, solar installations, and Distribution Company (DISCOM) inspections, and secured third place in the Maximum Vendor Registrations category.
- ❖ Mother Dairy has launched India's first naturally degradable milk pouch ahead of World Environment Day 2026 (5 June).
- ❖ Malaysia began enforcing a law from 1 June 2026 requiring social media platforms to verify users' ages and block children under 16 from creating accounts.
- ❖ International Day of Innocent Children Victims of Aggression is observed on 4 June annually to raise awareness about children affected by wars and conflicts.
- ❖ World Environment Day is observed globally on 5 June annually to promote environmental protection and sustainable development.
  - The theme for the year 2026 is "Inspired by Nature. For Climate. For Our Future."

## TAMIL NADU NEWS

### **Vetri Tamizhagam Vision Document**

- ❖ The Tamil Nadu government released the 'Vetri Tamizhagam Vision Document' during its first Cabinet meeting.
- ❖ The document contains 436 vision statements based on the government's election commitments.
- ❖ It is organised into 10 pillars and 54 sub-pillars, inspired by themes from the Tirukkural.



- ❖ Key focus areas include education, healthcare, agriculture, women's welfare, youth development, infrastructure, and transparent governance.
- ❖ The vision statements have been assigned to 35 government departments for implementation.
- ❖ Each department will prepare a detailed action plan with specific targets and timelines.
- ❖ The initiative aims to guide policy implementation and development planning across Tamil Nadu.

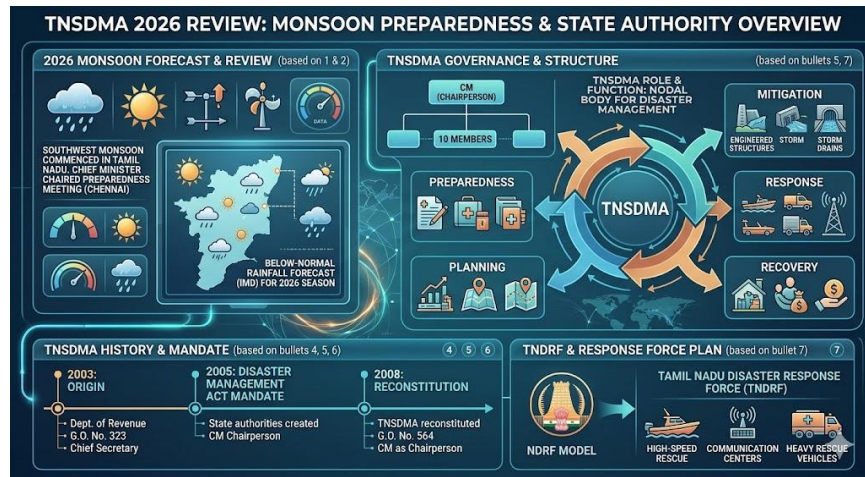
### **Vijay Cabinet Unveils 436-Point Vision Document**

**Tamil Nadu Chief Minister C. Joseph Vijay chaired the first Cabinet meeting of the new government at the Secretariat on Friday, unveiling the 'Vetri Tamizhagam Vision Document' featuring 436 vision statements across 35 departments. Divided into 10 pillars and 54 sub-pillars, the roadmap seeks to fulfil TVK's poll promises. Ministers were directed to prepare detailed action plans with specific targets and timelines for implementation.**

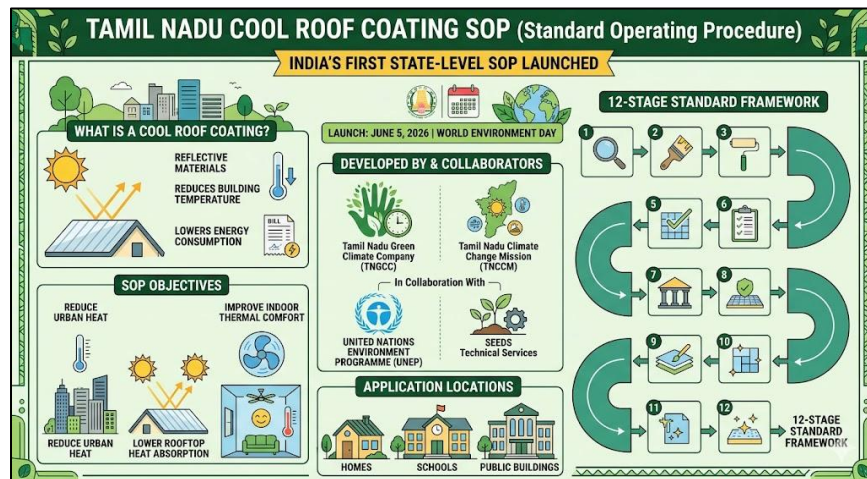
### **TNSDMA 2026 Review**

- ❖ Tamil Nadu Chief Minister chaired a meeting of the Tamil Nadu State Disaster Management Authority (TNSDMA) in Chennai to review preparedness for the southwest monsoon, which commenced in Tamil Nadu.
- ❖ The India Meteorological Department (IMD) has forecast below-normal rainfall in Tamil Nadu during the 2026 southwest monsoon season.
- ❖ The Tamil Nadu State Disaster Management Authority (TNSDMA) is the nodal body responsible for disaster management, preparedness, mitigation, response, planning, and recovery in the State.
- ❖ It was first constituted in 2003 under the Department of Revenue through Government Order (G.O.) No. 323, headed by the Chief Secretary.
- ❖ The Disaster Management Act, 2005, mandated the creation of State Disaster Management Authorities with the Chief Minister as Chairperson.
- ❖ Accordingly, Tamil Nadu reconstituted TNSDMA in 2008 through Government Order (G.O.) No. 564, with the Chief Minister as its Chairperson, to monitor disaster management activities.

- ❖ TNSDMA consists of a chairperson and 10 members, and a Tamil Nadu Disaster Response Force (TNDRF) has been planned on the lines of the National Disaster Response Force (NDRF).



## Cool Roof Coating SOP



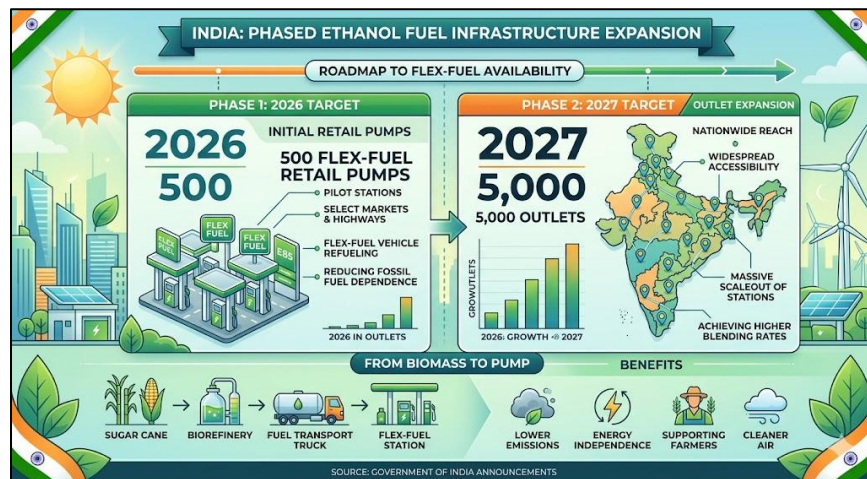
- ❖ Tamil Nadu launched India's first State-level Standard Operating Procedure (SOP) for Cool Roof Coating Application on 5 June 2026, marking World Environment Day.
- ❖ The SOP provides a 12-stage standard framework for applying cool roof coatings in homes, schools, and public buildings.
- ❖ It aims to reduce urban heat, lower rooftop heat absorption, and improve indoor thermal comfort.
- ❖ The SOP was developed by the Tamil Nadu Green Climate Company (TNGCC) and the Tamil Nadu Climate Change Mission (TNCCM).

- ❖ It was prepared in collaboration with the United Nations Environment Programme (UNEP) and SEEDS Technical Services.
- ❖ Cool roof coatings are reflective materials applied on rooftops to reduce building temperatures and energy consumption.

## NATIONAL NEWS

### Expansion of Ethanol Fuel Network

- ❖ India has announced a phased expansion of ethanol fuel infrastructure with 500 flex-fuel retail pumps by 2026 and 5,000 outlets by 2027.
- ❖ India achieved its E20 (20% Ethanol Blended Petrol) target in 2025, ahead of the planned 2030 deadline.
- ❖ Flex-fuel vehicles can run on different petrol-ethanol blends, including E20 and E85 (85% ethanol and 15% petrol).
- ❖ The first phase of the rollout will be implemented in Delhi-National Capital Region (NCR), Mumbai, Pune, and Nagpur.
- ❖ The Ministry of Road Transport and Highways (MoRTH) has proposed standards for E85, E100 (100% ethanol), and B100 (100% biodiesel) fuels.
- ❖ Ethanol blending helps reduce crude oil imports, lower carbon emissions, and support the biofuel sector.



### Khet Bachao Abhiyan

- ❖ The Union Ministry of Agriculture and Farmers Welfare launched the Khet Bachao Abhiyan nationwide on 1 June 2026 from Raisen district, Madhya Pradesh.

- ❖ The campaign will be conducted across India from 1 June to 30 June 2026 to promote soil health and sustainable agriculture.
- ❖ It focuses on reducing excessive use of chemical fertilisers and pesticides and encouraging scientific farming practices.
- ❖ The campaign promotes Soil Health Cards (SHC), soil testing, balanced nutrient management, natural farming, and water conservation.
- ❖ It creates awareness about schemes such as Pradhan Mantri Kisan Samman Nidhi (PM-KISAN), Kisan Credit Card (KCC), crop insurance, and farm mechanisation programmes.
- ❖ Scientists from the Indian Council of Agricultural Research (ICAR), agricultural universities, and Krishi Vigyan Kendras (KVKs) will provide technical guidance to farmers.
- ❖ The campaign is based on the theme “Save the Soil, Save Farming, Save Farmers.”



### **Digital Patient Feedback System**

- ❖ The Employees' State Insurance Corporation (ESIC) launched a nationwide Centralized Digital Patient Feedback System across all hospitals and dispensaries.
- ❖ The system is an omnichannel digital grievance and quality-assurance platform for collecting patient feedback in real time.

- ❖ It is integrated with the ESIC Health Information System – Dhanwantri Module for automated feedback collection.
- ❖ Feedback is collected through SMS (Short Message Service) links and QR (Quick Response) codes available in hospitals.
- ❖ Patients authenticate using the Insured Person (IP) number and One-Time Password (OTP) verification.
- ❖ Hospital services such as cleanliness, staff behaviour, and medicine availability are rated by patients, and low ratings are automatically flagged for action.



**ESIC**  
Employees' State Insurance Corporation

**LAUNCHES**  
**CENTRALIZED ONLINE**  
**PATIENT FEEDBACK SYSTEM**

Your Feedback | Better Services | Stronger Healthcare

RATE YOUR EXPERIENCE ON KEY PARAMETERS

- Cleanliness of Hospitals
- Behaviour of Doctors & Staff
- Waiting Time
- Availability of Medicines
- Overall Service Experience

## SCIENCE AND TECHNOLOGY NEWS

### Microplastic Removal Innovation - Plas-Stick

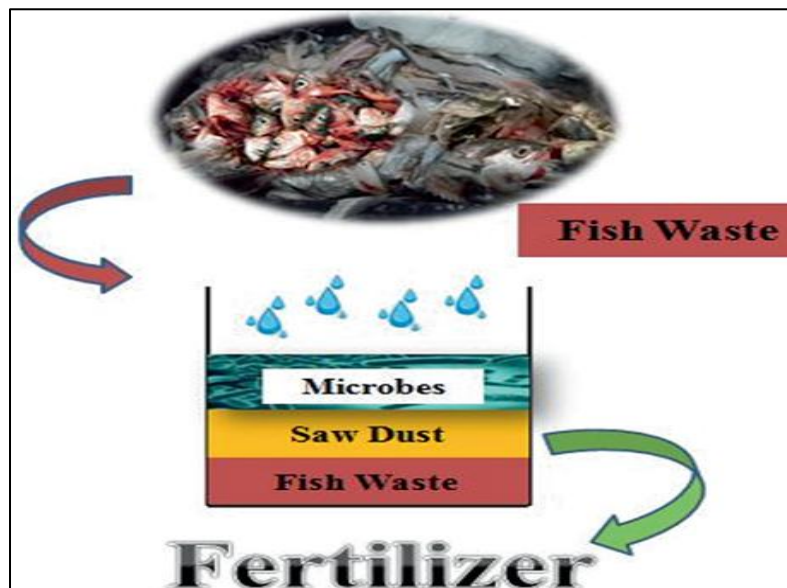
- ❖ Three Indian teenagers—Vivaan Chhawchharia, Ariana Agarwal, and Avyana Mehta (aged 16 years)—won the Earth Prize (Global Winners) for developing Plas-Stick, a biodegradable water filtration innovation.
- ❖ Plas-Stick is a powder made from tamarind seed waste used to remove microplastics from water.
- ❖ It works by attracting microplastic particles and forming clumps that can be removed using a handheld magnet.
- ❖ The method is electricity-free, low-cost, and designed for rural and low-resource areas.

- ❖ The project was developed with support from the Indian Institute of Technology (IIT) Guwahati and has received a US\$12,500 grant.



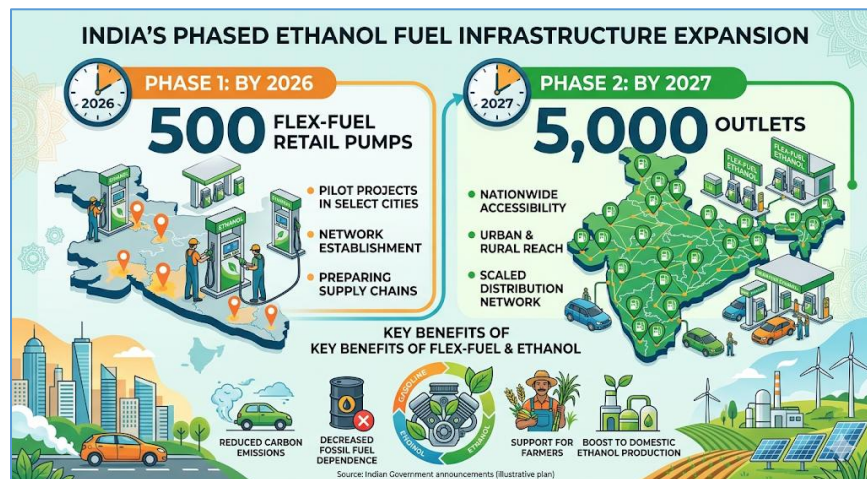
## ENVIRONMENT NEWS

### Fish Waste-Based Biofertilisers



- ❖ Scientists at the Chennai-based ICAR-CIBA (ICAR – Central Institute of Brackish water Aquaculture) have developed two soil-friendly bio fertilisers from fish waste.
- ❖ The two products, CIBA-Plankton Plus and CIBA-Horti Plus, are made entirely from fish market waste.
- ❖ The innovation aims to address fish waste disposal and reduce dependence on chemical fertilisers.
- ❖ India produces about 195 lakh tonnes of fish annually, generating over 60 lakh tonnes of fish waste.
- ❖ Field trials showed that CIBA-Plankton Plus improved fish and shrimp production, increased survival rates, and reduced feed requirements.
- ❖ CIBA-Horti Plus increased potato yields by up to 23.8%, improved soil fertility, and reduced the need for DAP (Diammonium Phosphate) fertiliser.

## Nilgiri Tahr Population Survey 2026



- ❖ The latest synchronised survey found that the population of the Nilgiri Tahr, Tamil Nadu's State animal, has increased to 1,364.
- ❖ The population increased by 4.68% from 1,303 in 2025 and by 32% from 1,031 in 2024.
- ❖ The Nilgiri Tahr is an endemic mountain ungulate found only in the Western Ghats.
- ❖ It is classified as Endangered on the IUCN Red List of Threatened Species.
- ❖ The survey was conducted jointly by the Tamil Nadu Forest Department and Kerala Forest Department under Project Nilgiri Tahr.

