

June - 28

## TNPSC BITS

- ❖ The National Commission for Women has constituted a three-member inquiry committee, led by NCW member Khusbhu Sundar to inquiry into Kallakurichi hooch tragedy.
- ❖ TN Forest Department has identified 40 existing trek routes in Tamil Nadu, and will soon launch a website to book treks.
- ❖ South India's only high-altitude sports training centre was inaugurated at a height of 2,240 metres above the mean sea level in Udhagamandalam.
- ❖ January 25 would be observed as 'Tamil Mozhi Thiyagigal Naal' (Tamil language martyrs' day) from 2025.
- ❖ June 3, the birth anniversary of former Chief Minister M. Karunanidhi, would be celebrated as 'Semmozhi Naal Vizha'.
- ❖ The Kerala Assembly has unanimously adopted a resolution urging the Centre to officially change the state's name to 'Keralam'.
- ❖ Lt Gen NS Raja Subramani is set to be the next Vice Chief of Army.
- ❖ The World Refrigeration Day is celebrated every year on June 26 to increase public awareness of the refrigeration, air conditioning, and heat pump industries.

## TAMIL NADU

### **New schemes for SC/ST women in Tamilnadu**

- ❖ TN Govt announced in the Assembly that ₹20 crore would be set aside to enable landless SC/ST women who work as agricultural labourers to buy land.
- ❖ Each eligible candidate can obtain a maximum subsidy of ₹5 lakh or 50% of the land value.
- ❖ ₹70 crore will be used to build 4,500 housing units for tribal communities who currently do not own housing.
- ❖ Approach roads for tribal neighbourhoods will be built at a cost of ₹50 crore.
- ❖ Hostels with modern facilities would be built in Sivaganga, Erode, Virudhunagar and Cuddalore districts for students from Scheduled Caste and Scheduled Tribe communities at a cost of ₹15 crore.
- ❖ A centralised kitchen would be set up at a cost of ₹9 crore under 'Amudha Surabi' scheme in Tiruchi, Madurai and Coimbatore.

- ❖ The Government would organise a 'Lifestyle Festival' to celebrate the culture, traditions, literary works, linguistic-based patriotism of the SC/ST communities.
- ❖ 'Skill vouchers' would be given to SC/ST students who performed well in higher education.

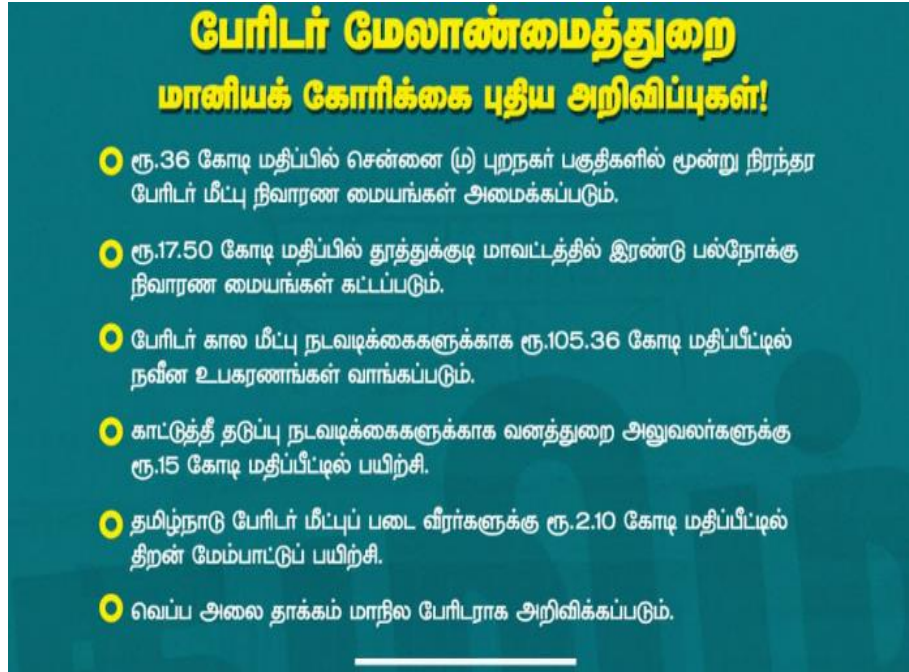


**ரூ.20 கோடி ஒதுக்கீட்டில்**

**நன்னிலம் மகளிர் நில உடைமைத் திட்டம்**

- ❖ விவசாயத் தொழிலாளர்களாக உள்ள ஆதிதிராவிடர் மற்றும் பழங்குடியின மக்களை நில உடைமையாளர்களாக உயர்த்தி சமூக நீதியை நிலை நாட்ட இத்திட்டம் வகுக்கப்பட்டுள்ளது.
- ❖ மகளிரின் பெயரில் செயல்படுத்தப்படும்.
- ❖ விவசாய நிலம் வாங்க நிலத்தின் சந்தை மதிப்பில் 50% அல்லது அதிகப்படும் ரூ.5 இலட்சம் மானியம் வழங்கப்படும்.

### Permanent disaster rescue and relief centers



**பேரிடர் மேலாண்மைத்துறை மானியக் கோரிக்கை புதிய அறிவிப்புகள்!**

- ❖ ரூ.36 கோடி மதிப்பில் சென்னை (ம) புறநகர் பகுதிகளில் மூன்று நிரந்தர பேரிடர் மீட்பு நிவாரண மையங்கள் அமைக்கப்படும்.
- ❖ ரூ.17.50 கோடி மதிப்பில் தூத்துக்குடி மாவட்டத்தில் இரண்டு பல்நோக்கு நிவாரண மையங்கள் கட்டப்படும்.
- ❖ பேரிடர் கால மீட்பு நடவடிக்கைகளுக்காக ரூ.105.36 கோடி மதிப்பீட்டில் நவீன உபகரணங்கள் வாங்கப்படும்.
- ❖ காட்டுத்தீ தடுப்பு நடவடிக்கைகளுக்காக வனத்துறை அலுவலர்களுக்கு ரூ.15 கோடி மதிப்பீட்டில் பயிற்சி.
- ❖ தமிழ்நாடு பேரிடர் மீட்புப் படை வீரர்களுக்கு ரூ.2.10 கோடி மதிப்பீட்டில் திறன் மேம்பாட்டுப் பயிற்சி.
- ❖ வெப்ப அலை தாக்கம் மாநில பேரிடராக அறிவிக்கப்படும்.

- ❖ The State government of Tamilnadu would set up three permanent disaster rescue and relief centres at a cost of ₹36 crore in Chennai and its suburban areas.

- ❖ Two multi-purpose relief centres will be constructed in Thoothukudi district at a cost of ₹17.50 crore.
- ❖ Govt would also establish 1,000 centres that would warn people about natural disasters such as flash floods and landslides, rough sea conditions, and water release from dams.

### **Culling of wild boars**



- ❖ The Tamil Nadu government has decided to allow culling of wild boars that cause distress to farmers in farmland close to forest areas.
- ❖ The areas adjacent to reserve forests would be divided into three zones
  - Zone A (within one kilometre from forest limits);
  - Zone B (one to five kilometres); and
  - Zone C (beyond five kilometres).
- ❖ Shooting of wild pigs will not be allowed within five kilometres from the reserve forest

## **NATIONAL**

### **“One Week One Theme” (OWOT) Campaign**

- ❖ The Union government has inaugurated the “One Week One Theme” (OWOT) campaign.

- ❖ It will be highlighting India's recent achievements in various fields of science and technology.

S.No.	Thematic Areas	Organizing Week
1	Energy and Energy Devices	24 – 28 June 2024
2	Chemicals (including Leather) and Petrochemicals	15 - 20 July 2024
3	Aerospace, Electronics, and Instrumentation & Strategic Sectors	2 - 30 August 2024
4	Civil Infrastructure and Engineering	2 - 6 September 2024
5	Agri, Nutrition & Biotech	21 - 26 October 2024
6	Healthcare	11 - 15 Nov 2024
7	Mining, Minerals, Metals and Materials	25 - 30 November 2024
8	Ecology, Environment, Earth & Ocean Sciences and Water	10- 17 December 2024

### **BIS Standards for EV**



- ❖ The Bureau of Indian Standards (BIS) has introduced two new standards: IS 18590: 2024 and IS 18606: 2024.
- ❖ These standards aim to address the safety concerns associated with the powertrains and batteries of electric vehicles across various categories.
- ❖ The newly introduced standards are tailored to ensure that the critical components of EVs, particularly the powertrain, adhere to stringent safety requirements.

## **INTERNATIONAL**

### **America - 'microschools' boom**

- ❖ America is witnessing a 'microschools' boom even with 7 students.

- ❖ Microschools are small private institutions that serve a median of 16 children and offer full-time, part-time or hybrid instruction.
- ❖ These schools are often open four or five days per week, with full-time teachers, set curricula and sometimes even standardised tests.
- ❖ The National Micro schooling Centre estimates there are 95,000 microschoools and home-schooling pods nationwide, serving more than 1 million students.



## ENVIRONMENT

### New plant species in Andaman and Arunachal



- ❖ The Indian botanists have discovered two new species of plants from two biogeographic hotspots of the country the Andaman and Nicobar Islands and Arunachal Pradesh.
- ❖ The aerial stem-parasitic flowering plant species *Dendrophthoe longensis* are discovered from the Long Islands of middle Andamans.

- ❖ The other discovery is a new herbaceous plant species - *Petrocosmea arunachalense* from Arunachal Pradesh

### **World's 1st Asian King vultures' conservation Centre**

- ❖ Uttar Pradesh will soon have the world's first conservation and breeding centre for Asian king vulture in Maharajganj.
- ❖ This is the world's first centre for breeding and conservation of Asian king vulture, also called red-headed vulture.
- ❖ It has been listed as critically endangered in the IUCN of Nature's red list since 2007.
- ❖ The facility aims to improve the population of the species.




### **STATES**

#### **65 percent quota of Bihar**

- ❖ The Patna High Court set aside the amendments passed by the Bihar legislature in 2023 to increase the reservation from 50% to 65% in educational institutions and government jobs.
- ❖ The Bihar Government has increased the reservation of Backward Classes (BC), Extremely Backward Classes (EBC), Scheduled Caste (SC) and Scheduled Tribe (ST).

- ❖ Together with the 10% of EWS quota, the Bill had pushed reservation in Bihar to 75%, well past the 50% ceiling set by the Supreme Court.

<p><b>RESERVATION: A VEXED ISSUE</b></p> <p><b>OPTIONS BEFORE GOVT</b></p> <ul style="list-style-type: none"> <li>» Filing a review petition</li> <li>» Challenging the Patna HC verdict in Supreme Court</li> <li>» Accepting the verdict</li> </ul>		 <p><b>PATNA HIGH COURT + पटना उच्च न्यायालय</b></p>	
<p><b>OF CASTE SURVEY &amp; QUOTA POLITICS</b></p> <ul style="list-style-type: none"> <li>Following the survey, the then Nitish Kumar-led Grand Alliance govt issued gazette notifications on November 21 last year, raising the quota for deprived castes from 50% to 65% in state govt jobs and educational institutions</li> </ul>		<ul style="list-style-type: none"> <li>The court held the quota hike as "ultra vires" and violative of the Supreme Court's verdicts. "These two amended laws violate the equality clause envisaged under Articles 14, 15, and 16 of the Constitution of India," the court said</li> <li>The high court's verdict as sparked political debate over the non-inclusion of the two recently enacted laws aimed at increasing quotas in the Ninth Schedule of the Constitution to protect them from judicial scrutiny</li> </ul>	
<p>The quota hike was based on the comprehensive survey of castes, which provided a fresh estimate of the population of SCs, STs, OBCs, and EBCs in Bihar</p>		<ul style="list-style-type: none"> <li>The 50% ceiling on reservations was introduced by the Supreme Court in its landmark 1992 decision in Indra Sawhney v Union of India to ensure "efficiency" in administration. The only exception was the 10% quota for the EWS introduced in 2019</li> <li>As the Bihar govt weighs its options and the political debate continues, it is crucial to ensure that any decision taken upholds the principles of social justice, equality, and inclusive development</li> </ul>	

## Reviving KGF Gold Mining



- ❖ The Karnataka government has cleared a proposal of the Centre for reviving gold mining and auctioning of 13 tailing dumps spread over 1,003.4 acres at Kolar Gold Fields (KGF).

- ❖ As much as 33 million tonnes of tailing dumps (extraction waste) is estimated to be lying at the 13 tailing dumps at KGF.
- ❖ It is estimated that one tonne of dump yields one gram of gold on processing.
- ❖ Bharat Gold Mines Limited, a PSU established in 1972 under the Department of Mines with its office at KGF, was closed due to economical unviability in 2001.

## IMPORTANT DAYS

### International MSME Day 2024 - June 27

- ❖ This day celebrates these enterprises and recognize their importance, shed light on their contributions, and promote their growth and sustainability.
- ❖ The first MSME Day was celebrated on June 27th, 2017.
- ❖ MSMEs account for 90% of businesses, 60 to 70% of employment and 50% of GDP worldwide.
- ❖ The theme for 2024 is 'MSMEs and the SDGs.'



### National Statistics Day 2024 - June 29


- ❖ June 29 is the birth anniversary of Professor Mahalanobis.
- ❖ He invented a formula called 'Mahalanobis Distance,' which is used in the field of classification and cluster analysis.
- ❖ This day recognises the contributions made by Prasanta Chandra Mahalanobis in the fields of statistics and economic planning.



- ❖ He was part of the first planning commission of India and was instrumental in establishing the Indian Statistical Institute (ISI) in 1931.

Indian scientist & statistician Prasanta Chandra Mahalanobis was born on June 29, 1893

## MAN WHO DISCOVERED MAHALANOBIS DISTANCE



Remembered for discovering Mahalanobis distance, a measure for comparing distance between two data sets

Established <b>Indian Statistical Institute</b> in Calcutta & <b>Central Statistical Organization (CSO)</b> to coordinate statistical activities in India	As a member of the Planning Commission, <b>helped formulate India's strategy for Industrialization</b> in the second five-year plan.
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Honoured with the **PADMA VIBHUSHAN** in 1968

Through fractile graphical analysis, helped **compare the socioeconomic conditions** of different groups of people

*In 1949, was appointed as the honorary statistical adviser to the govt of India*

