

July - 22

## TNPSC BITS

- ❖ As per the amended Tamil Nadu Legislative Assembly Rules, the sittings of the Tamil Nadu Assembly will henceforth commence at 9.30 a.m. instead of 10 a.m.
  - The extension of the proceedings beyond the official hours of business is allowed with the consent of the Speaker.
- ❖ A Book “Power Within”: A Landmark Book on Leadership” was authored by Dr. R Balasubramaniam.
- ❖ BTS member Jin carried the Olympic flame through Paris as the first torchbearer for the 2024 Paris Olympics.
- ❖ The Asian Development Bank (ADB) has approved a loan of USD 240.5 million to finance rooftop solar systems in India to expand energy access through renewable energy.

## TAMIL NADU

### Puthiya Bharatha Ezhutharivu Thittam 2022-2027



- ❖ The School Education department has identified over six lakh illiterate people over the age of 15 across Tamil Nadu.
- ❖ It has begun classes to provide basic literacy education for them this year under the New India Literary Programme (NILP) or Puthiya Bharatha Ezhutharivu Thittam 2022-2027.
- ❖ Krishnagiri district has recorded the maximum number of illiterates at 61,622.



- ❖ The department plans to strategically take steps to declare districts with over 90% literacy as 100% literate districts soon.
- ❖ Thoothukudi, Kanyakumari and nine others district's literacy rate is about 94-98%.

## **NATIONAL**

### **Operation Nanhe Farishtey**

- ❖ A total of 84,119 children were rescued by the Railway Protection Force (RPF) under "Operation Nanhe Farishtey" in the last seven years.
- ❖ This Operation dedicated to rescuing children in need of care and protection across various Indian Railway Zones.
- ❖ In the first five months of 2024 alone, the RPF has already rescued 4,607 children.

The children rescued  
under 'Operation  
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Nanhe

Farishtey is a mission dedicated to rescuing children in need of care and protection across various Indian Railway zones.

### **Business Advisory Committee 2024**

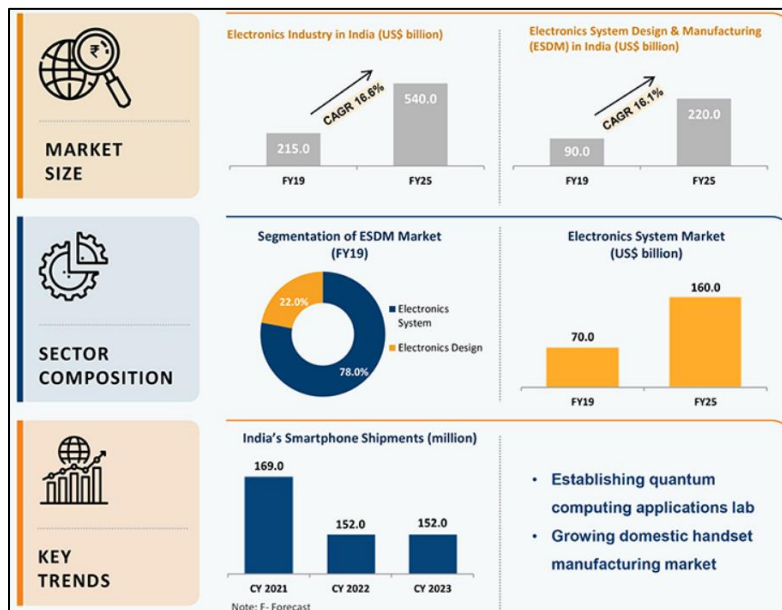
- ❖ Six new bills, including the one to amend the disaster management law, will be presented during the Monsoon Session of Parliament.
- ❖ Lok Sabha Speaker Om Birla also constituted the Business Advisory Committee (BAC), which decides the parliamentary agenda.
- ❖ This committee fixes up and controls the time and handles the routine of discussion in both houses of the parliament.

- ❖ It has been composed of a total number of 26 members, of which 15 members are participants of the “Lok Sabha” and the rest 11 members belong from the “Rajya Sabha”.

Members of the Business Advisory Committee	
The Speaker has nominated following members to the Business Advisory Committee w.e.f. 18 July, 2024:-	
1.	Shri Sudip Bandyopadhyay
2.	Shri P.P. Chaudhary
3.	Shri Lavu Sri Krishna Devarayalu
4.	Dr. Nishikant Dubey
5.	Shri Gaurav Gogoi
6.	Dr. Sanjay Jaiswal
7.	Shri Dileshwar Kamait
8.	Shri Bhartruhari Mahtab
9.	Thiru Dayanidhi Maran
10.	Shri Baijayant Panda
11.	Shri Arvind Ganpat Sawant
12.	Shri Kodikunnil Suresh
13.	Shri Anurag Singh Thakur
14.	Shri Lalji Verma

## ECONOMY

### India's Electronic Manufacturing target 2030

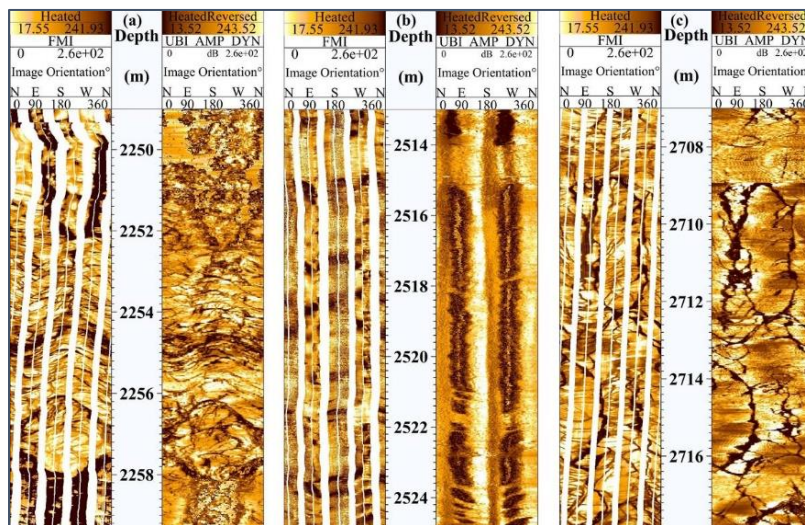


- ❖ The government has set a target of reaching \$500 billion worth of electronics production in the country by 2030.
- ❖ 500 billion electronics manufacturing sectors would create 5-6 million jobs.
- ❖ It leads to electronics exports totalling \$240 billion.

- ❖ The current value of India's electronics production stands at an impressive \$101 billion as of FY23.
- ❖ This comprises \$86 billion in finished goods production and \$15 billion in components manufacturing.
- ❖ During the same period, exports totalled \$25 billion.
- ❖ The sector currently generates 1.3 million jobs.

## SCIENCE AND TECHNOLOGY

### Scientific deep-drilling program



- ❖ The Borehole Geophysics Research Laboratory (BGRL) in Karad, Maharashtra, has mandated to execute India's sole scientific deep-drilling programme.
- ❖ The aim is to drill the earth's crust to a depth of 6 km and conduct scientific observations and analysis.
- ❖ This will help to expand the understanding of reservoir-triggered earthquakes in the active fault zone in the Koyna-Warna region of Maharashtra.
- ❖ This region has been experiencing frequent and recurrent earthquakes since the Shivaji Sagar Lake, or the Koyna Dam, was impounded in 1962.

### Weight Loss Drug – Tirzepatide

- ❖ An expert committee of India's drug regulator (Central Drugs Standard Control Organisation - CDSCO) gave the green light to the drug tirzepatide.
- ❖ Tirzepatide is a medication developed by Eli Lilly and Company, primarily used to treat type 2 diabetes.

- ❖ This compound is sold under the brand names Mounjaro for diabetes and Zepbound for weight loss.
- ❖ However, in India, tirzepatide will be imported and marketed for diabetes and not weight loss.
- ❖ Tirzepatide stimulates the release of insulin from the pancreas in response to meals.
- ❖ This helps lower blood sugar levels after eating.
- ❖ It reduces the release of glucagon, a hormone that increases blood sugar levels.
- ❖ Last year, Zepbound, an injectable prescription medicine that fights obesity in adults, was approved by the US Food and Drugs Administration.



## REPORTS AND INDICES

### Kantar's Brand Inclusion Index 2024



- ❖ Google was recognised as most inclusive brand in India as well as globally.

- ❖ Alongside Google, Tata Motors, Amazon, Jio and Apple emerged in the top five winners in India.
- ❖ Category wise, the India top Brand Inclusion Index scorers are - Google (Technology), Tata Motors (Automotive), SBI (Banking), Dove (Skincare).

## STATES

### Maharashtra Special Public Security (MSPS) Act, 2024

**‘Draconian law’**  
Activists claim the Maharashtra Special Public Security Bill loosely defines ‘unlawful activity’, and will be prone to ‘malicious misuse’ by the police

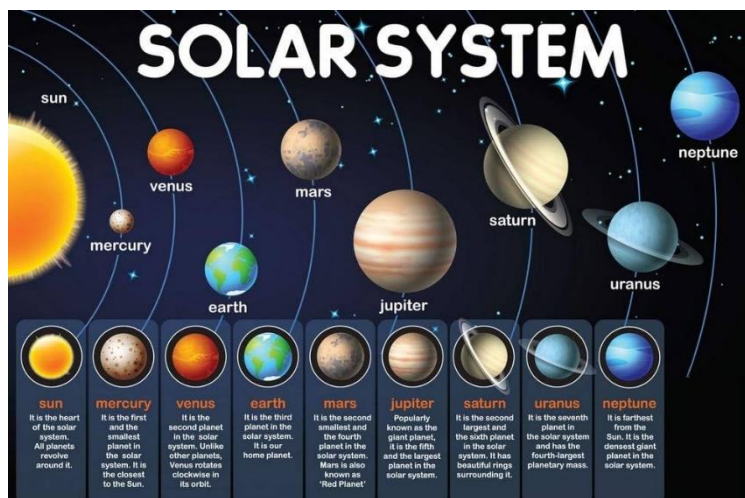
Section	Offence
Section 8 (1)	Up to three-year jail term, ₹3 lakh fine for members of ‘unlawful organisations’
Section 8 (2)	Up to two-year jail term, ₹2 lakh fine for contributing to or harbouring any member of ‘unlawful organisations’
Section 8 (3)	Up to three-year jail term, ₹3 lakh fine for managing or assisting the management of ‘unlawful organisations’
Section 8 (4)	Up to seven-year jail term, ₹5 lakh fine for committing or attempting to commit unlawful activity of ‘unlawful organisations’
Section 9 (2)	If declared unlawful, officials may take possession of the notified place and evict any person found within
Section 10 (1)	If declared unlawful, officials may take possession of all money, securities or assets found in the notified place
Section 16 (1)	All offences are cognisable and non-bailable

- ❖ This act aims to curbing the ‘menace of Naxalism’ in urban areas.
- ❖ The provisions allow the State to declare any organisation as ‘unlawful’ with offences categorised as cognisable and non-bailable.
- ❖ If the proposed legislation is passed, it would allow the State police and security agencies to arrest individuals without a warrant and often without informing them of the charges.
- ❖ The Maoist-hit States of Andhra Pradesh, Telangana, Chhattisgarh and Odisha have already implemented Public Security Acts to prevent unlawful activities.
- ❖ The Unlawful Activities (Prevention) Act, 1967 (UAPA) is invoked in cases related to Naxalism and terrorism.
- ❖ This law empowers the state to classify organisations as ‘unlawful associations.’

- ❖ Both the laws are almost the same.
- ❖ However, in the MSPS Act, an advisory board of three persons who are or have been qualified to be appointed as judges of the High Court shall oversee the confirmation process.
- ❖ But under UAPA, a tribunal led by a High Court judge verifies the State's declaration.

## PERSONALITIES, AWARDS, AND EVENTS

### Missy Elliott's "The Rain" song



- ❖ NASA has sent Missy Elliott's 1997 hit song "The Rain (Supa Dupa Fly)" on an interplanetary journey to Venus, marking a historic first for hip hop.
- ❖ Travelling a staggering 158 million miles at the speed of light, the song reached Venus in just 14 minutes.
- ❖ NASA had previously sent the Beatles' song "Across the Universe" into deep space in 2008 to commemorate the 40th anniversary of its recording.

## IMPORTANT DAYS

### Nelson Mandela International Day 2024 – July 18

- ❖ On his birthday anniversary, this day celebrates the life and legacy of Nelson Mandela.
- ❖ Mandela became the first democratically elected president of the country on May 10, 1994
- ❖ He is referred to as the 'Father of the Nation' in South Africa.

- ❖ Throughout his life, Mandela fought for freedom and justice leading him to his imprisonment for 27 years.
- ❖ He was awarded the Nobel Peace Prize in 1993 for his contributions.
- ❖ In 1990, Indian government awarded Bharat Ratna to him.
- ❖ This year's theme is 'Combating poverty and inequality is in our hands.'

On **June 12, 1964**, **Nelson Mandela** received a **life sentence** for sabotaging South Africa's apartheid govt

## THE PRICE HE PAID

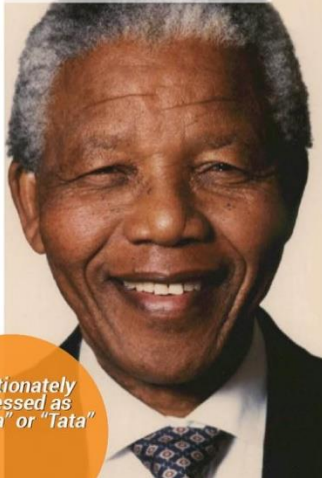
**"I went for a long holiday for 27 years"**

*"In those early years, isolation became a habit"*

*"Prison life is about routine: each day like the one before; each week like the one before it"*

Awarded the Nobel Peace Prize in 1993, he became the first president of post-apartheid South Africa

Affectionately addressed as "Madiba" or "Tata"



## MISCELLANEOUS

### Largest coal mines in India

### This is India's Power Play

Two of the World's Five Largest Coal Mines Now in India

Both produce over **100 MILLION TONS** of coal annually

Accounting **10%** OF INDIA'S TOTAL coal production.



- ❖ The Chhattisgarh-based South Eastern Coalfields Limited's (SECL) Gevra and Kusbunda coal mines have secured the 2<sup>nd</sup> and 4<sup>th</sup> spots in the list of the world 10 largest coal mines.





- ❖ These two mines produce more 100 million tons of coal annually accounting for about 10 per cent of India's total coal production.
- ❖ Black Thunder Mine of USA topped in the list.

