

September - 09

## TNPSC BITS

- ❖ Trilliant Networks, Inc., an American company that deals with advanced metering infrastructure and smart grid, among others, is set to invest ₹2,000 crore in Tamil Nadu.
- ❖ Assurant, a Fortune 500 Insurance and Finance company, will be setting up its first Global Capability Centre (GCC) in Chennai.
- ❖ The Ministry of Women and Child Development won the National Award for e-Governance 2024 (Gold) for the Poshan Tracker initiative.
- ❖ Siddhartha Agarwal became the oldest (49) Indian swimmer to swim across the English Channel (between England and France).
- ❖ Anuya Prasad from Jaipur of Rajasthan won the gold medal in the women's air pistol event at the World Deaf Shooting Championship in Hannover, Germany.
- ❖ R Vithya Ramraj from Tamilnadu smashed PT Usha's 39-year-old record in the women's 400m hurdles with a time of 53.23 sec at the 63rd National Open Athletics Championships, held at Bengaluru.
- ❖ Sharath Kamal from Tamilnadu was named the first Indian ambassador of the International Table Tennis Federation (ITTF) Foundation.
- ❖ Vaccine maker Bharat Biotech International Ltd launched Hillchol (BBV131), a novel single-strain oral cholera vaccine (OCV).

## TAMIL NADU

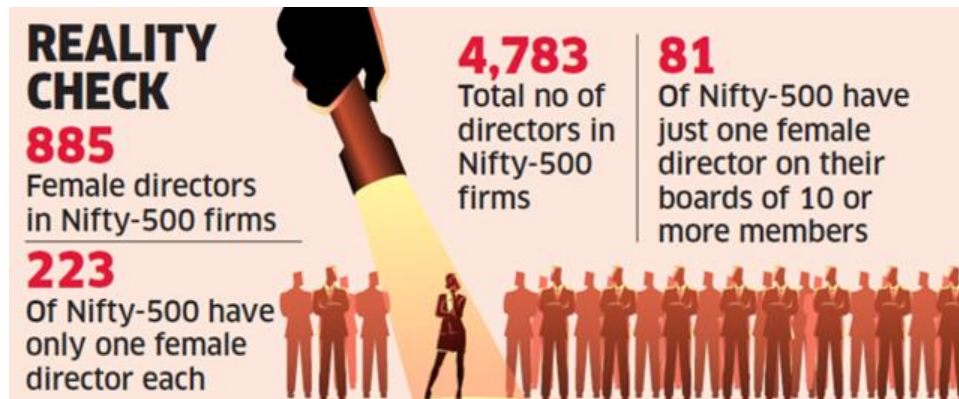
### New Policy for Wind Power Projects 2024

National Institute of Wind Energy has estimated repowering potential of the country to be 25,406 MW. In this Tamil Nadu's share is 7,386.5 MW.	
Below 0.5 MW	1,181 MW
0.5 to 1 MW	2,919 MW
1 to 1.5 MW	1,813 MW
1.5 to 2 MW	1,473.5 MW
Total	7,386.5 MW

- ❖ The Tamil Nadu Repowering, Refurbishment & Life Extension Policy for Wind Power Projects – 2024 has been released recently.

- ❖ It aims to encourage developers to replace old wind turbines and promote optimum utilisation of wind energy resources.
- ❖ TN having a substantial renewable energy generation capacity of 22,754 MW as on 30 June, 2024.
- ❖ The Wind energy generation in Tamil Nadu commenced in 1986 with machine capacities ranging from 55 kW to 600 kW.

### **Women directors in active companies – Tamilnadu**



- ❖ The number of women directors in active companies had grown three-fold in the last decade in the country.
- ❖ But in Tamil Nadu, it witnessed a four-fold increase.
- ❖ In Tamil Nadu, there are around 68,000 women directors associated with active companies in August 2024, as against 15,550 in 2014.
- ❖ In India, there are 8.83 lakh women directors associated with active companies in August 2024, compared to 2.58 lakh in 2014.
- ❖ There are two women judges on the Supreme Court Bench.
- ❖ 106 women judges are working in various High Courts.
- ❖ The Madras High Court has 11 women judges.

## **NATIONAL**

### **23<sup>rd</sup> Law Commission of India**

- ❖ The Centre has notified the constitution of the 23<sup>rd</sup> Law Commission.
- ❖ The term of the Commission will be for period of three years till 31st August 2027.
- ❖ The Commission will have a full-time chairperson and four full-time members including a member-secretary.



- ❖ It will identify laws that have become obsolete and can be repealed, carry out audits of laws that affect the poor and give its views on any law.
- ❖ The 23<sup>rd</sup> Commission has been asked to examine the impact of globalisation on food security, unemployment and recommend measures for the protection of the interests of the marginalised.
- ❖ The chairperson and members could be serving judges of the Supreme Court or High Courts or “other category of persons”.
- ❖ Usually, the chairperson of the commission is a retired judge.
- ❖ The 22<sup>nd</sup> Law Commission was chaired by former Karnataka High Court Chief Justice Ritu Raj Awasthi.
- ❖ The 22<sup>nd</sup> Law Commission’s term came to an end on August 31.

## LAW COMMISSION

- › It helps the **government review the functioning of laws**, suggests repealing obsolete legislation, and makes recommendations on matters referred to by the government.

The commission is usually chaired by a **retired judge of the Supreme Court** or a High Court and has legal scholars as members.

- › **Serving judges can also be appointed** to the commission, according to the notification on the appointment of the new panel.

## SCIENCE AND TECHNOLOGY

### Metal-Organic Framework

- ❖ Researchers have developed a bunch of electrochemical and optical biosensors based on nano polymers multifunctional Metal-organic framework (MOF) and 2-dimensional (2D) materials.
- ❖ These are the uniform structured porous materials suitable for the solid-phase extraction.
- ❖ 2D materials are a class of nanomaterials defined by their typical and unique property of being hardly one- or two-atom thick.
- ❖ They both possess several unique features that should project them as better alternatives as sensors, than other nanomaterials.

- ❖ Both MOFs and 2D class of materials are known for their large surface area, functionality, and optoelectronic properties.



### Operation Bhediya – Uttar Pradesh



- ❖ The Uttar Pradesh state government has given the nod to shoot the man-eating wolf/wolves at sight in Bahraich.

- ❖ The state government has also declared it a 'Wildlife Disaster' affected area.
- ❖ The state government has launched 'Operation Bhediya' to address the issue comprehensively.
- ❖ Under this operation, drone cameras and thermal drone mapping techniques are being used by the Forest Department to catch the wolves.
- ❖ The Chief Wildlife Warden can allow hunting of a Schedule I wild animal if it poses a danger to humans by issuing a written order explaining the reasons.

## STATES

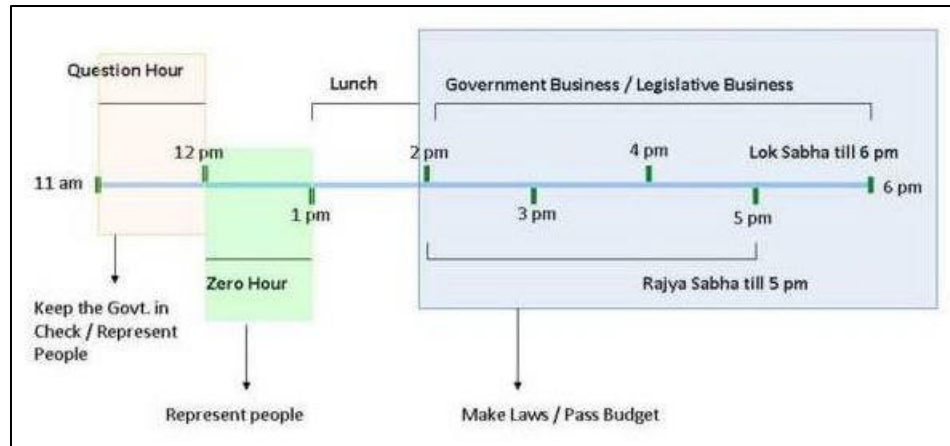
### Saoras tribe - habitat rights



- ❖ Saora tribals of Gajapati district getting habitat rights over their ancestral lands In Odisha.
- ❖ Thus, Odisha has become the only state in the country to provide such rights to the highest number of particularly vulnerable tribal groups (PVTGs).
- ❖ Saoras have become the fifth tribal group in the state to get the rights that allow them to protect and preserve natural entities, sacred sites and places of religious and spiritual importance located within their habitat.

- ❖ 128 villages in the Gajapati district are inhabited by Saora tribe.
- ❖ Habitat rights are given to PVTGs under section 3(1) (e) of The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006.
- ❖ Madhya Pradesh has also given habitat rights to Bharia PVTG and Chhattisgarh government to Kamar and Baiga PVTGs.

## Zero Hour - Himachal Pradesh



- ❖ Zero Hour would be introduced for the first time in the Himachal assembly after framing standard operating procedures (SOPs).
- ❖ Only urgent issues of public interest which cannot be listed or are not listed under the rules can be raised during the Question Hour.
- ❖ But the Speaker has the discretion to allow any issue and giving the reply immediately is also not binding.
- ❖ Zero Hour proves that the Speaker is neutral and does not act under the pressure of the government.
- ❖ Zero Hour, which traditionally lasts for half an hour, it should be used exclusively for matters of urgent public importance.

## SPORTS

### Paralympics 2024 – Final Update

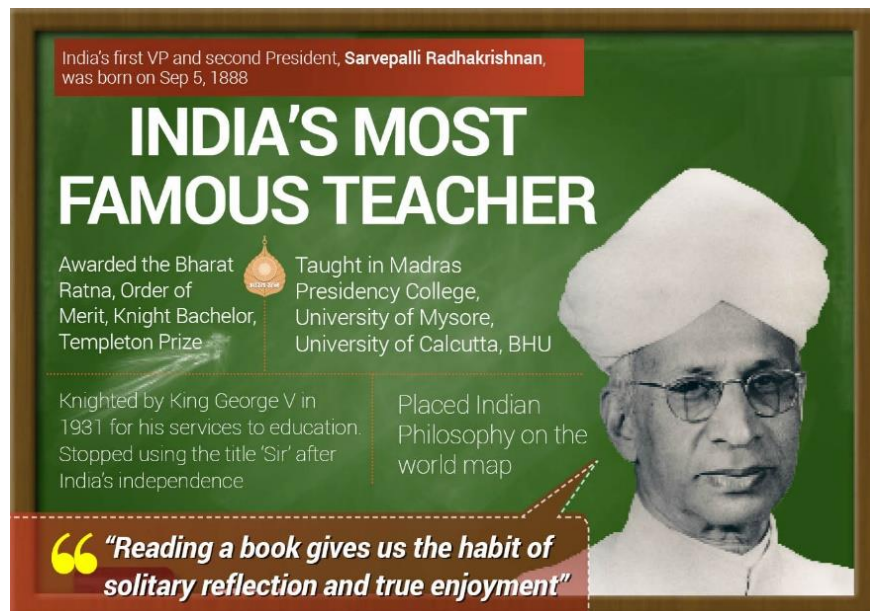
- ❖ Harvinder Singh (Haryana) scripted history by becoming the first Indian archer to clinch a gold at the Paralympics.
- ❖ World champion shot-putter Sachin Sarjerao Khilari (Maharashtra) has won the silver medal at the Paralympics.

- ❖ Sumit Antil (Haryana) becomes the first Indian man and second from the country to successfully defend a Paralympic title by winning gold.
- ❖ Deepthi Jeevanji (Telangana) has bagged the 16th medal for India as she won the bronze in the women's 400m T20 final.



## IMPORTANT DAYS

### National Teachers Day 2024 - September 05



India's first VP and second President, Sarvepalli Radhakrishnan, was born on Sep 5, 1888

# INDIA'S MOST FAMOUS TEACHER

Awarded the Bharat Ratna, Order of Merit, Knight Bachelor, Templeton Prize

Taught in Madras Presidency College, University of Mysore, University of Calcutta, BHU

Knighted by King George V in 1931 for his services to education. Stopped using the title 'Sir' after India's independence

Placed Indian Philosophy on the world map

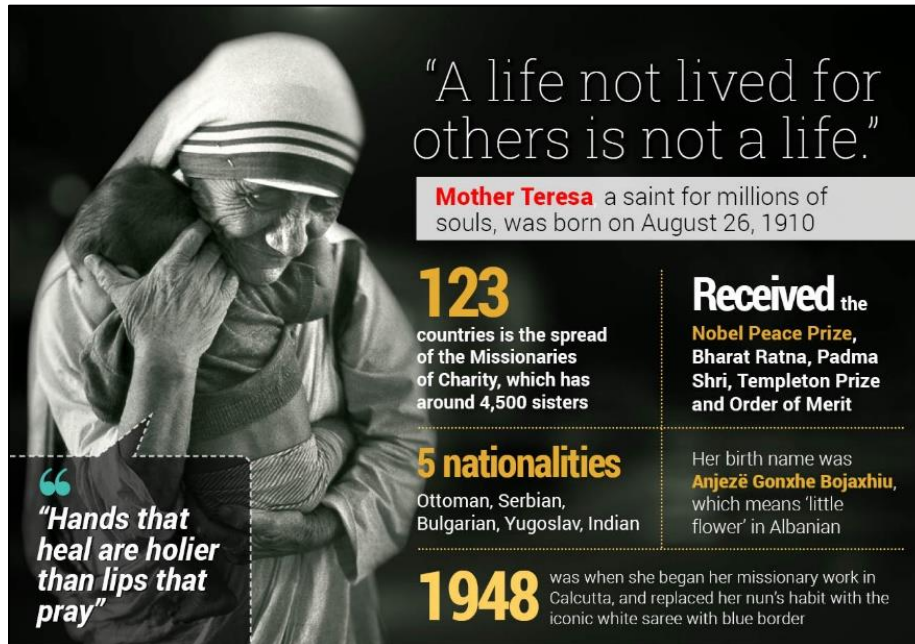
**“Reading a book gives us the habit of solitary reflection and true enjoyment”**

- ❖ It aims to honour educators and recognise Teachers significant contributions in empowering and educating society.
- ❖ This date also marks the birth anniversary of Dr Sarvepalli Radhakrishnan.
- ❖ He was the second President of India and a renowned scholar and philosopher.
- ❖ The first Teachers' Day was observed on his 77th birthday in 1962.

- ❖ President of India Droupadi Murmu conferred the National Teachers' Award 2024 to 82 selected awardees in New Delhi.

### International Day of Charity 2024 - September 05

- ❖ This International Day is marked in the memory of Mother Teresa.
- ❖ It aims to raise awareness among individuals, NGOs and stakeholders about the importance of participating in charitable activities.
- ❖ It serves as a valuable opportunity to unite people in support of charity events and contribute to the welfare of the most vulnerable members of society.
- ❖ Mother Teresa, renowned Nobel Peace Prize winner, passed away on September 5, 1997.



**"A life not lived for others is not a life."**

**Mother Teresa** a saint for millions of souls, was born on August 26, 1910

**123** countries is the spread of the Missionaries of Charity, which has around 4,500 sisters

**Received** the **Nobel Peace Prize, Bharat Ratna, Padma Shri, Templeton Prize and Order of Merit**

**5 nationalities** Ottoman, Serbian, Bulgarian, Yugoslav, Indian

Her birth name was **Anjezë Gonxhe Bojaxhiu**, which means 'little flower' in Albanian

**1948** was when she began her missionary work in Calcutta, and replaced her nun's habit with the iconic white saree with blue border

**"Hands that heal are holier than lips that pray"**

