

October - 07

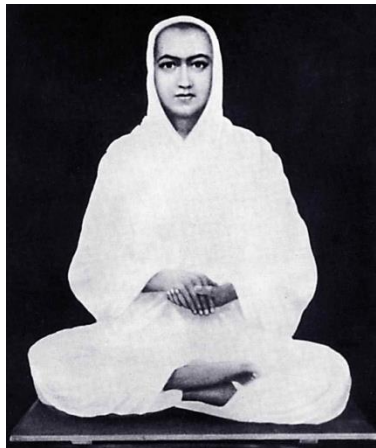
## TNPSC BITS

- ❖ The European Medicines Agency (EMA) approved the booster doses of Pfizer/BioNTech Covid-19 vaccine for people aged 18 and above.
  - As per EMA, an extra dose will be given at least 28 days after the second dose to severely immune-compromised people.

## TAMIL NADU

### Thaniperum Karunai day

- ❖ Tamil Nadu Chief Minister MK Stalin announced that the birth anniversary of 19<sup>th</sup> century saint Vallalar (October 5th) will be celebrated as 'Thaniperum Karunai' (mercy of the Lord) day every year.
- ❖ Thiruvarutprakasa Vallalār Chidambaram Ramalingam, commonly known in India and across the world as Vallalār, Ramalinga Swamigal and Ramalinga Adigal.
- ❖ Vallalar was born in 1823 in Maruthur near Chidambaram in Cuddalore district.
- ❖ He founded 'Sathiya Gnana Sabai' in Vadalur in the Cuddalore district.



### Face recognition software

- ❖ Chief Minister of Tamil Nadu Chief Minister, MK Stalin, launched face recognition software.

- ❖ “Face recognition software” will help the police personnel in comparing the photos of suspects with “data resource”.
- ❖ The data source refers to the photos that have been uploaded in the Crime and Criminal Tracking Network and Systems (CCTNS).

## NATIONAL

### Drone-based vaccine delivery model



The infographic features a blue background with a white and yellow drone flying in the sky. The text is in white and light blue. The 'myGov' logo is in the top right corner. The main headline is 'Game changer in healthcare' followed by '‘i-Drone’ launched for delivering vaccines'. Below this are four bullet points with icons: a drone with a box, a map of India, a rocket, and a location pin. The text for each bullet point is: 'First ‘Make-in-India’ drone used for vaccine delivery', 'Reaching farthest corners of India', 'Boost to world’s largest vaccination drive', and 'To be used currently in Manipur, Nagaland, and Andaman & Nicobar Islands'.

Game changer in healthcare

**‘i-Drone’** launched for delivering vaccines

myGov  
मेरी सरकार

-  First ‘Make-in-India’ drone used for vaccine delivery
-  Reaching farthest corners of India
-  Boost to world’s largest vaccination drive
-  To be used currently in Manipur, Nagaland, and Andaman & Nicobar Islands

- ❖ ICMR’s drone response and outreach (i-Drone) was recently launched in Manipur.
- ❖ This initiative was launched in line with government’s commitment to “Antyodaya in health”.

- ❖ This is for the first time that a 'Make in India' drone has been used in South Asia to transport COVID vaccine over an aerial distance of 15 km.
- ❖ The Delivery is from Bishnupur district hospital to Loktak lake, Karang island in Manipur for administration at the primary health centre.
- ❖ The Road distance between both the locations is 26 kms.

### **Urban Conclave - Lucknow**

- ❖ The Prime Minister, Narendra Modi, inaugurated "Azadi@75 – New Urban India: Transforming Urban Landscape conference-cum-expo".
- ❖ The Foundation stone for 75 Urban Development Projects in Uttar Pradesh under AMRUT Mission and Smart Cities Mission was laid.
- ❖ 75 smart electric buses were flagged off under FAME-II for seven cities.
- ❖ The cities are Lucknow, Varanasi, Kanpur, Prayagraj, Gorakhpur, Ghaziabad and Jhansi.

### **Mahabahu Brahmaputra River Heritage Centre**

- ❖ Vice President M Venkaiah Naidu, inaugurated the Mahabahu Brahmaputra River Heritage Centre in Guwahati in the state of Assam.
- ❖ The centre was originally served as the residence of the British Assistant Commissioner and Collector of Kamrup district.
- ❖ Post-Independence, it continued to be the Deputy Commissioner's Bungalow until 2011.

### **Indian peacekeepers honored**



- ❖ Over 800 Indian peacekeepers serving in the United Nations mission in South Sudan have been honoured with a prestigious UN medal.
- ❖ The Indian peacekeepers have been awarded for their service on the completion of their deployment.

## **INTERNATIONAL**

### **World Expo 2020 - Dubai**

- ❖ The World Expo 2020 has been organised in Dubai in the United Arab Emirates.
- ❖ The main theme of the Dubai Expo 2020 is “Connecting Minds, Creating the Future”.
- ❖ Expo 2020 is the first to be held in the MENA & SA (the Middle East and North Africa & South Asia) region.
- ❖ The theme of the India pavilion at the Expo is “Openness, Opportunity and Growth”.



### **Zircon missile**

- ❖ Russia has successfully test-fired Hypersonic missile from a nuclear submarine for the first time.

- ❖ The missile, named Zircon missile, was launched from the Severodvinsk submarine.
- ❖ It was Zircon's first launch from a submarine.



## **ECONOMY**

### **National Asset Reconstruction Company**

- ❖ The Reserve Bank of India (RBI) granted the licence to the Rs 6,000 crore National Asset Reconstruction Company Ltd. (NARCL).
- ❖ This move will help in starting operations of the bad bank.

- ❖ The NARCL was incorporated in Mumbai in July 2021 after registration with the Registrar of Companies (RoC).
- ❖ The Indian Banks Association has been entrusted with the task to set up the bad bank.



## STATES

### Cultivation of cinnamon

- ❖ The CSIR's Institute of Himalayan Bioresource Technology has introduced cinnamon cultivation in Himachal Pradesh on a pilot basis.
- ❖ With this, HP has become the first state of India to have organized cultivation of cinnamon.
- ❖ True cinnamon or *Cinnamomum verum* is grown mainly in Sri Lanka.
- ❖ Minor producing countries include Seychelles, Madagascar, and India.

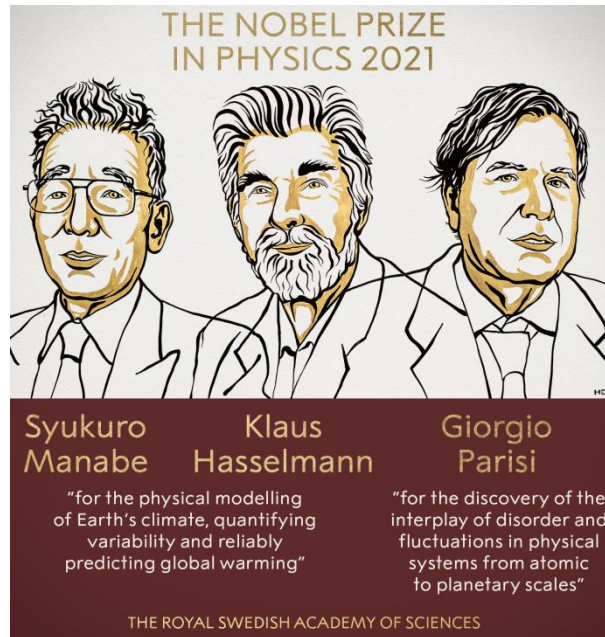
## PERSONALITIES, AWARDS, AND EVENTS

### Nobel Prize in Physics 2021

- ❖ Syukuro Manabe, Klaus Hasselmann, Giorgio Parisi jointly won the 2021 Nobel Prize in Physics.
- ❖ This is for their ground breaking contributions to our understanding of complex physical systems.
- ❖ The Nobel Prize in Physics is awarded by the Royal Swedish Academy of Sciences, Stockholm, Sweden.
- ❖ Syukuro Manabe (Princeton University, USA) and Klaus Hasselmann (Max Planck Institute for Meteorology, Hamburg, Germany) awarded for the physical

modelling of Earth's climate, quantifying variability and reliably predicting global warming".

- ❖ Giorgio Parisi (Sapienza University of Rome, Italy) was awarded for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales.



### **National Service Scheme Awards 2019-2020**

- ❖ The President of India Ram Nath Kovind conferred the National Service Scheme (NSS) Awards for the year 2019-20.
- ❖ The main aim of the NSS awards is to recognize and reward outstanding contributions towards their voluntary service.
- ❖ The National Service Scheme Awards were instituted by the Ministry of Youth Affairs and Sports in 1993-94.
- ❖ It was instituted on the occasion of the Silver Jubilee Year of National Service Scheme.

## **SPORTS**

### **Smriti Mandhana**

- ❖ Smriti Mandhana became the first Indian woman to score a Test hundred on Australian soil.
- ❖ The match was played at the Carrara Oval in Queensland, Australia.

- ❖ She scored 127 runs.



## **Durand Cup**



- ❖ The FC Goa beat Mohammedan Sporting to win their maiden Durand Cup football title, 1-0, in the final.



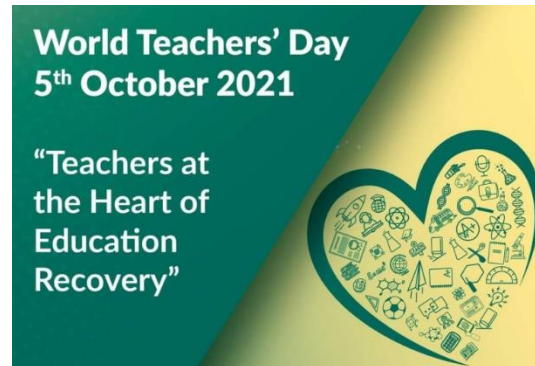


- ❖ The game was held at Vivekananda Yuba Bharati Krirangan, Kolkata.
- ❖ The 2021 Durand Cup was the 130th edition of the Durand Cup.
- ❖ This is the oldest football tournament in Asia.
- ❖ The tournament was held in West Bengal.

## IMPORTANT DAYS

### World Teachers' Day – 05 October

- ❖ World Teachers' Day also, known as International Teachers Day, is held annually since 1994.
- ❖ The Day aims to focus on appreciating, assessing and improving the educators of the world.
- ❖ The Theme for 2021 International Teachers Day is “Teachers at the heart of education recovery”.



### Ganga River Dolphin Day – 05 October

- ❖ The day is observed in India to raise awareness and encourage the conservation of Ganga River Dolphins.
- ❖ It was on this day in 2010, that Ganga Dolphins were declared national aquatic animals.
- ❖ The Gangetic Dolphins are included under the First Schedule of Indian Wildlife (Protection) Act, 1972.
- ❖ They have been declared “Endangered” under IUCN
- ❖ The Vikramshila Ganges Dolphin Sanctuary was established in Bihar.

