

July - 27

## TNPSC BITS

- ❖ The United Kingdom is now reporting an outbreak of norovirus.
  - People suffering from norovirus disease can shed billions of virus particles making it is very contagious.
- ❖ The Indian Women's National Football Team Forward, Ngangom Bala Devi has been named as the All-India Football Federation Women's Footballer of the Year 2020-21.
  - Bala currently plays for Rangers Women's FC in Scotland.
- ❖ Senior defender of Indian Football, Sandesh Jhingan was named the AIFF men's Footballer of the Year 2020-21 season.
  - It is the first time that the towering central defender of India has received the AIFF Player of the Year award.

## TAMIL NADU

### Violinist Sikkil R Bhaskaran



- ❖ The Noted Carnatic Classical Violinist 'Kalaimaamani' Sikkil R Bhaskaran passed away.
- ❖ He started learning the Violin at the age of 11 from Thiruvarur Subba Iyer and later trained under Mayuram Govindarajan Pillai.
- ❖ He was an 'A' Grade Artist of AIR.
- ❖ He has served for nearly 2 decades in Chennai radio Station from 1976 to 1994.



## **NATIONAL**

### **Solutions for anti-drone technologies - IIT Kanpur**

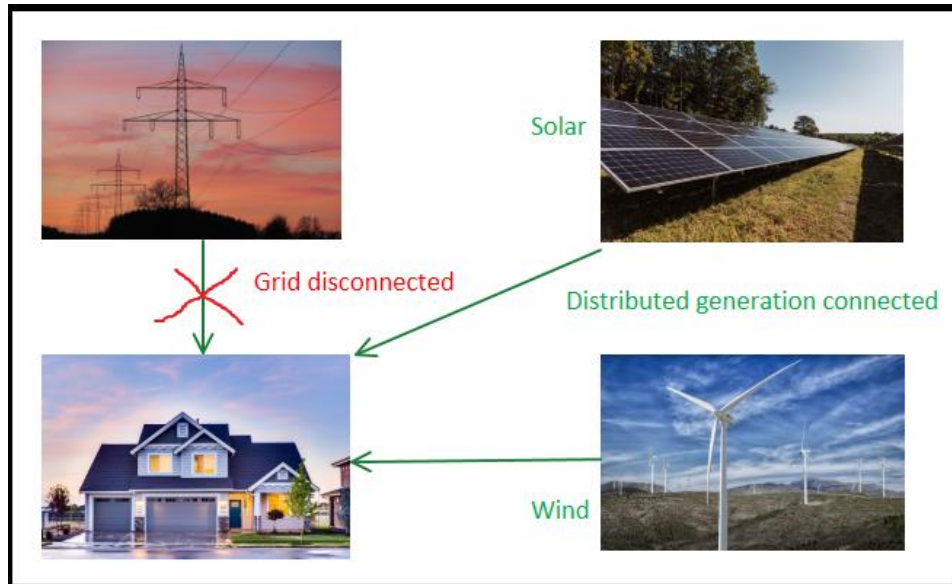
- ❖ The Indian Institute of Technology, Kanpur (IIT-K) launched technology innovation hub to find cyber security solutions for intrusion detection system, anti-drones technologies, cyber physical system and block-chain.
- ❖ IIT Kanpur's C3i hub will focus on safeguarding cyberspace including critical infrastructure.
- ❖ The government is promoting Make-in India cybersecurity solutions to counter rising threats from neighbouring countries, particularly China.

### **'Renewables Integration in India' report**

- ❖ A report named Renewables Integration in India 2021 was jointly launched by NITI Aayog and International Energy Agency.
- ❖ This report is based on the outcome of workshops held in three states along with the Governments of Karnataka, Maharashtra and Gujarat.
- ❖ This is to understand the energy transition challenges which is faced by these renewable-rich states.
- ❖ According to the report, India's power system can efficiently integrate renewables (175 GW by the year 2022 and 450 GW by the year 2030).

### **Power Islanding systems**

- ❖ India plans to create power islanding systems in several cities of the country.
- ❖ This to protect the critical infrastructures from potential attacks on the electricity grid of the nation.
- ❖ Bengaluru and Jamnagar, which has two of India's largest oil refineries are included.
- ❖ Cities such as Mumbai and New Delhi having existing systems are being revamped.
- ❖ The Islanding systems feature generation capacity and can automatically isolate from the main grid during an outage.



## **ARMEX-21**

- ❖ The defence minister Rajnath Singh has flagged in the Indian Army's skiing expedition.
- ❖ It was conducted in the Himalayan mountain ranges.
- ❖ The expedition, called ARMEX-21, was flagged off at Karakoram Pass in Ladakh on March 10 and culminated at Malari in Uttarakhand on July 6 covering 1,660 km in 119 days.
- ❖ The ARMEX-21 was conducted in the mountain ranges of the Himalayan region to promote the adventure activity in the country and the Indian Army.

## **INTERNATIONAL**

### **Report on Drowning Prevention**

- ❖ The World Health Organization launched its first Regional Status Report on Drowning Prevention in the South-East Asia and Western Pacific regions.
- ❖ This report said that nearly two-thirds of all global deaths due to drowning occur in the Asia Pacific region.
- ❖ Drowning is the third leading cause of unintentional injury and death worldwide.
- ❖ It accounts for 7% of all injury-related deaths.
- ❖ On an average, men were more likely to drown than women.



### World's first clean Nuclear Reactor

- ❖ The Scientists of the Chinese government has unveiled plans for an experimental nuclear reactor that does not require water for cooling.
- ❖ This reactor will run on liquid thorium instead of uranium.
- ❖ It is expected to be safer than the traditional reactors.
- ❖ As water is not required by this type of reactor, it will be able to operate in desert regions.
- ❖ A team at the Shanghai Institute of Applied Physics have developed this prototype.

## PERSONALITIES, AWARDS, AND EVENTS

### Bhageerathi Amma passed away

- ❖ Bhageerathi Amma, the oldest woman in India to take the equivalency exams, has passed away recently.
- ❖ She was 107-years-old.
- ❖ Amma, who hailed from the Kollam district of Kerala, decided to continue her education at the age of 105.
- ❖ Amma had quit formal education in class three, when she was 9 years old.
- ❖ The centenarian was felicitated with the prestigious Nari Shakti Puraskar for her exceptional contribution towards women's empowerment.



## SPORTS

### **Mirabai Chanu bags silver**

- ❖ Mirabai Chanu won the silver medal and became the first Indian to win an Olympic medal at the 2020 Tokyo Games in the Women's 49kg category.
- ❖ China's Zhihui Hou won the gold medal in the women's 49-kg weightlifting.
- ❖ She lifted a total of 210 kg.
- ❖ Indonesia's Windy Cantika Aisah won the bronze medal.
- ❖ Chanu managed to lift a total of 202 kg in the women's 49 kg category.
- ❖ She became the second Indian weightlifter after Karnam Malleswari to win an Olympic medal.
- ❖ A new Olympic record was registered by Mirabai Chanu with a successful lift of 115kg in clean and jerk.





### **Sumit Nagal - Third Indian to win Tennis singles at Olympic**

- ❖ Sumit Nagal became only the third Indian tennis player to win a singles men's match at the Olympic Games.
- ❖ He became the first to win for India in 25 years.
- ❖ He edged past Denis Istomin in this match.
- ❖ At the 1996 Atlanta Games, Zeeshan Ali became the first Indian to win a singles match by beating Fernando Meligeni of Brazil.
- ❖ Leander Paes was the second Indian to have gone past the first round.



## **IMPORTANT DAYS**

### **National Parents' Day 2021 - July 25**

- ❖ It is observed on the fourth Sunday of July.
- ❖ This year it will be celebrated on 25 July.
- ❖ The day honours parents and their important role in our lives.
- ❖ President Bill Clinton in 1994 signed a law and a resolution was adopted by the US Congress to establish the fourth Sunday of every July as Parents' Day.

### **International Day for the Conservation of the Mangrove Ecosystem - July 26**

- ❖ The day was adopted by the General Conference of UNESCO in 2015.
- ❖ It aims to raise awareness of the importance of mangrove ecosystems as "a unique, special and vulnerable ecosystem" and to promote solutions for their sustainable management, conservation and uses.



### **Kargil Vijay Diwas - July 26**



- ❖ It is the 22nd anniversary of the Kargil Vijay Diwas.
- ❖ The day marks the victory of Indian soldiers in recapturing the mountain heights that were occupied by the Pakistani Army.
- ❖ Kargil war was declared over on July 26, 1999.
- ❖ The day is observed as 'Kargil Vijay Diwas' to commemorate India's victory.

