

January - 21

## TNPSC BITS

- ❖ National Award for e-Governance 2020-21 (Silver) was recently conferred to Mon District Administration of Nagaland.
  - This award was presented at 24th National Conference on e-Governance at Hyderabad with the adoption of Hyderabad Declaration on e-governance.

## NATIONAL

### Indian Army's New Combat Uniform

- ❖ The Indian Army is to provide new uniforms to more than 12 lakh military personnel.
- ❖ Unlike the old uniform, the new uniform has a combat T-shirt underneath.
- ❖ The previous uniform has been in use since 2008.
- ❖ The new uniform is made of light, sturdy, and more breathable fabric.
- ❖ The cotton to the polyester ratio of the fabric is 70:30.
- ❖ As compared to the old uniform, the new uniform is 15% lighter and 23% stronger.



### Chips to Start-up (C2S) Programme

- ❖ Under the “Chip to Start-up (C2S) Programme”, the central government is seeking applications from 100 start-ups, MSMEs, R&D organizations and academia.
- ❖ It aims to train 85,000 engineers in very-large-scale integration (VLSI) and embedded system design areas.



- ❖ The C2S programme will result in the development of 175 ASICs (application-specific integrated circuits), IP core repository and working prototypes of 20 systems on chips (SoC), for a period of five years.
- ❖ It will be a step towards leapfrogging in Electronics System Design & Manufacturing (ESDM) space by infusing the culture of SoC/System Level Design at the Bachelors, Masters and Research levels.

MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA

Digital India

75 Azadi Ka Amrit Mahotsav

## CALL FOR PROPOSALS FOR CHIPS TO STARTUP (C2S) PROGRAMME

Aims to train 85,000 number of high-quality & qualified engineers in VLSI/Embedded System Design domain & much more

**FOR ACADEMIA, R&D ORGANISATIONS, STARTUPS, MSMES**

Last Date - January 31, 2022

The poster features a central graphic of a glowing blue microchip with intricate circuit patterns and light rays emanating from its edges, set against a dark blue background.

### **India-China Trade in 2021**

- ❖ The trade between India and China was around 125 billion USD in 2021.
- ❖ India's imports from China stood at 100 billion USD.
- ❖ Most of the import demands were in machinery.
- ❖ India faced a trade deficit of 69.4 billion USD with China in 2021.
- ❖ This was 22% higher than the trade deficit faced in 2019.
- ❖ In 2021 alone, the total imported goods from China exceeded the total trade between the countries.
- ❖ In 2021, the major Indian exports to China were cotton, iron ore, and raw material-based goods.

- ❖ Electrical machinery, mechanical machinery, medical supplies such as oxygen concentrators, active pharmaceutical ingredients, semiconductor devices, electrical batteries.



### **Climate Hazards and Vulnerability Atlas of India**

- ❖ The scientists of CRS have created a climate hazard and vulnerability atlas of India.
- ❖ CRS is Climate Research and Services and it operates under India Meteorological Department (IMD).
- ❖ The scientists created the map based on 14 extreme weather events.
- ❖ They also considered the risks and threats imposed by these 14 weather events on the local population and their economy.
- ❖ Here 'local' pertains to district and not state or village.

### **Flipkart - New Startup Programme**



- ❖ LEAP is the new start-up programme of Flipkart.
- ❖ It is also called Leap Ahead.

- ❖ It aims to help startups in India.
- ❖ Under this LEAP programme, Flipkart is to implement two programmes.
- ❖ They are FLIN and FLA.
- ❖ FLIN is Flipkart Leap Innovation Network.
- ❖ FLA is Flipkart Leap Ahead.
- ❖ It will invest in startups focusing on cutting edge technologies.

## Open Data Week

- ❖ The Open Data Week was launched by the Ministry of Housing and Urban Affairs.
- ❖ The week is celebrated between January 17, 2022, and January 21, 2022.
- ❖ It encourages promoting innovation in the urban ecosystem of the country.
- ❖ During the celebration of the week, the ministry of housing and urban affairs published high-quality blogs and data sets about smart cities.
- ❖ The data are to be published in an open data portal.

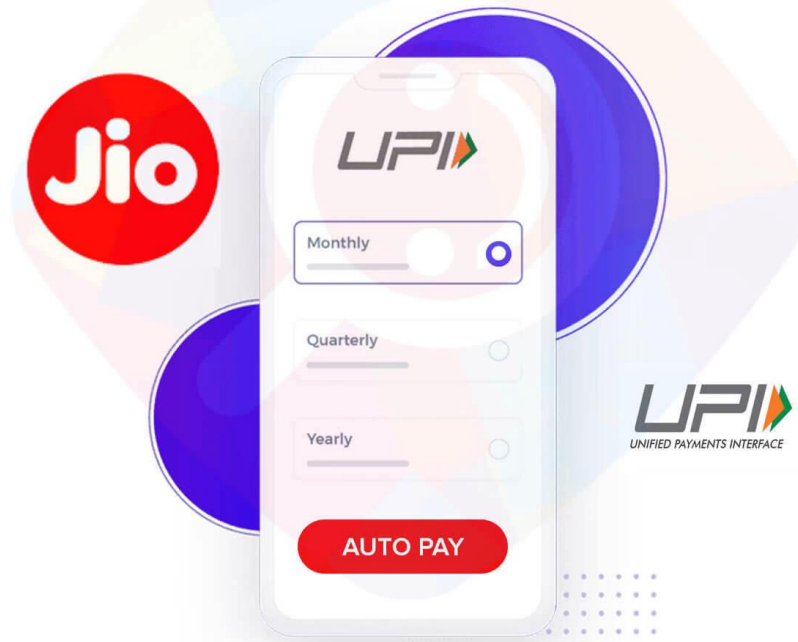


## UPI AUTOPAY - JIO

- ❖ The National Payments Corporation of India (NPCI) and Reliance Jio have announced that UPI AUTOPAY has now been introduced for the telecom industry with Jio.
- ❖ It is the first player in the telecom industry to go live with the unique e-mandate feature that was launched by NPCI.
- ❖ Using the UPI AutoPay launched by NPCI, customers can now enable recurring e-mandate using any UPI application for recurring payments such as mobile bills, electricity bills, EMI payments, etc.

- ❖ For recharge amounts up to Rs 5,000, customers do not have to enter the UPI PIN on the execution of the recharge.

Reliance Jio has rolled out  
**a new UPI Autopay feature**  
for its prepaid plan users.



## INTERNATIONAL

### The Enigma

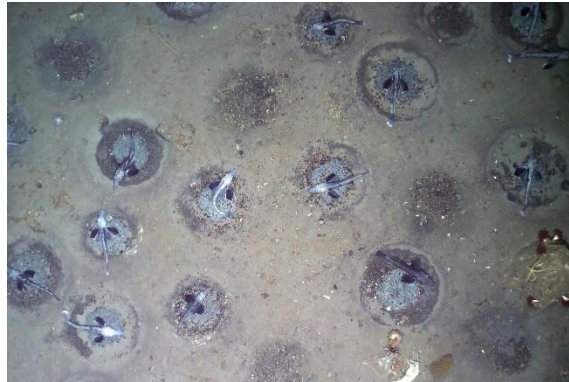


- ❖ A 555.55-carat black diamond called “The Enigma” was unveiled in Dubai.
- ❖ It was unveiled by auction house Sotheby’s.



- ❖ After a tour in Dubai, the diamond will also be taken to Los Angeles before it will go under auction in London in February 2022.
- ❖ Number five has an important significance to the diamond because it has 55 facets.

### **Icefish breeding colony**



- ❖ Deep-sea scientists have found an icefish breeding colony in the Weddell sea of Antarctica.
- ❖ The scientific name of the icefish is *Neopagrtopsis ionah*.
- ❖ The species was discovered in February 2021.
- ❖ However, their breeding nests were discovered recently.

### **New Capital of Indonesia**



- ❖ The Indonesians are moving to new capital due to climate change.
- ❖ It is East Kalimantan.
- ❖ It is now called 'Nusantara'.
- ❖ Earlier, Jakarta was the capital of Indonesia.

- ❖ Jakarta is sinking in the Java Sea and highly polluted with dense population.

## SCIENCE AND TECHNOLOGY

### Asteroid 1994 PC1

- ❖ The asteroid 1994 PC1 passed by earth on January 18, 2022.
- ❖ It passed by at a distance of 1.2 million miles.
- ❖ It is also known by the name “7482”.
- ❖ Its length is more than one kilometre.
- ❖ It is a stony asteroid.
- ❖ It is put under the category of the potentially hazardous asteroid and also under the near-earth object category.



## STATES

### Guru Ravidas Jayanti



- ❖ The Guru Ravidas Jayanti is celebrated on Magh Purnima, that is, on the new moon day of the Magh month.
- ❖ It is celebrated all over India.
- ❖ Ravidas was a social reformer and a spiritual man.

- ❖ He is popular mainly for his work against casteism.
- ❖ Ravidas was a contemporary saint to Saint Kabir.
- ❖ The Election Commission of India recently postponed the assembly elections in the state of Punjab due to Ravi Das Jayanti.
- ❖ According to the new schedule, the elections are to be held on February 20.

## **PERSONALITIES, AWARDS, AND EVENTS**

### **Best National Costume award**



- ❖ India's Navdeep Kaur has won the award for the Best National Costume at the prestigious Mrs. World 2022 pageant in Nevada, Las Vegas.
- ❖ She is the winner of Mrs. India World 2021, and she was representing the country at Mrs. World 2022.
- ❖ Navdeep hails from a small town near Odisha's Steel City, Rourkela.
- ❖ The "avant-garde" outfit was inspired by Kundalini Chakra.
- ❖ It "symbolizes the movement of energy in chakras of the body from the base to the spine up through the crown".

