

February - 04

## TNPSC BITS

- ❖ The Chief Electoral Officer of Meghalaya was selected for a Special Award for Information Technology applications in the state's Elections.
  - It was given by the Election Commission of India (ECI), for the National Best Electoral Practices Awards-2020.
- ❖ According to a report by Brand Finance, Tata Consultancy Services (TCS) has been ranked third most-valued IT services brand globally.
  - After TCS, Accenture and IBM follow the list.
- ❖ Bharti Airtel become the country's first telecom operator to successfully demonstrate live fifth-generation (5G) service.
  - It will be demonstrated over a commercial network in Hyderabad city.
- ❖ India received the third consignment containing three Rafale fighter jets on January 27.

## NATIONAL

### World's Fastest-growing Mature Tech Ecosystem

- ❖ Bengaluru has been designated as the fastest-growing mature technology ecosystem in the world since 2016.
- ❖ This report has been prepared by London & Partners
- ❖ It analysed the data from Dealroom.co to determine the rankings.



- ❖ London has secured the second spot on the list.

- ❖ Munich, Berlin, and Paris have been ranked 3rd, 4th, and 5th respectively.
- ❖ Mumbai has attained the 6<sup>th</sup> spot in the report.
- ❖ Bengaluru has also been placed in the 6<sup>th</sup> position for tech venture capitalist (VC) investments in the world.
- ❖ Shanghai has topped this global list of tech venture capitalist (VC) investments.

### **Virtual Intelligence Tool - Tejas**

- ❖ National Informatics Centre Services Inc (NICS) celebrated its 25<sup>th</sup> years of the establishment.
- ❖ On that occasion, virtual intelligence tool 'Tejas' is launched by Electronics, Information Technology, and Communications Ministry.
- ❖ It will extract important information from data.
- ❖ It will help in improving policy decisions and efficiency of government's services.
- ❖ It will also be ensuring the proper delivery of citizen-centric services.
- ❖ 'Work from Anywhere' portal was also launched along with Tejas.
- ❖ This portal allows employees to access applications like mail, e-office, calendar, and other departmental application from anywhere.
- ❖ NICS is working under the National Informatics Centre.



**TEJAS**  
A business analytics tool

TEJAS is developed through the collaborative effort of NIC and NICS (CEDA) to maximise the potential of data in improving efficiency, drive innovation & maintain competitive advantage.

**Advantages of TEJAS:**

- It provides State-of-the-art and powerful data analysis for officials to design analytical reports and turns data into accurate analysis and smart visualizations.
- It can be connected virtually to any data source, blend and prepare that data in a drag-and-drop environment and create clean datasets for further exploration and analysis.

Source: NICS/Twitter

## **INTERNATIONAL**

### **New Variant Assessment Platform**

- ❖ The United Kingdom has launched a New Variant Assessment Platform.

- ❖ It is the UK's world-leading genomics expertise.
- ❖ It will be offered to countries with fewer resources for identifying new variants of the COVID-19 virus.
- ❖ The platform will directly work on samples provided by other countries or will provide expert advice as necessary.
- ❖ Countries, where an existing channel is not available with the UK, can apply for assistance by contacting the WHO.

### **International Conference on Gender Equality**

- ❖ The second edition will explore ways to strengthen the economic potential of women and transgenders to equip them as sustainable entrepreneurs.
- ❖ The focal theme of the event will be 'Gender in Sustainable Entrepreneurship and Social Business: The Mediating Role of Empowerment'.
- ❖ It is being organized in collaboration with the UN Women (part of UN).



### **Indo-French Year of the Environment**

- ❖ Union Environment Minister Prakash Javadekar has launched the Indo-French year of Environment along with his French counterpart.
- ❖ It will be based on 5 major themes over the period 2021-2022
  - Climate change,
  - Environmental protection,
  - Sustainable urban development,
  - Biodiversity conservation, and

- The development of renewable energies and energy efficiency.



## ECONOMY

### World Economic Outlook 2021

#### Latest World Economic Outlook Growth Projections

(real GDP, annual percent change)	ESTIMATE	PROJECTIONS	
	2020	2021	2022
<b>World Output</b>	-3.5	5.5	4.2
<b>Emerging Markets and Developing Economies</b>	-2.4	6.3	5.0
Emerging and Developing Asia	-1.1	8.3	5.9
China	2.3	8.1	5.6
India	-8.0	11.5	6.8
ASEAN-5	-3.7	5.2	6.0
Emerging and Developing Europe	-2.8	4.0	3.9
Russia	-3.6	3.0	3.9
Japan	-5.1	3.1	2.4
United Kingdom	-10.0	4.5	5.0
Canada	-5.5	3.6	4.1
Other Advanced Economies	-2.5	3.6	3.1

- ❖ International Monetary Fund (IMF) has released the “World Economic Outlook, 2021” report.
- ❖ As per this report, India’s economy will expand by 11.5 percent in 2021.
- ❖ Previously it was predicted 8.8 percent growth.
- ❖ The growth has been predicted to be 6.8 percent for the year 2022.

- ❖ The economic growth of the world is projected at 4.2 percent in 2022.
- ❖ India will emerge as the only key nation to record double-digit growth.
- ❖ India will also reclaim the status of the world's fastest-growing major economy.

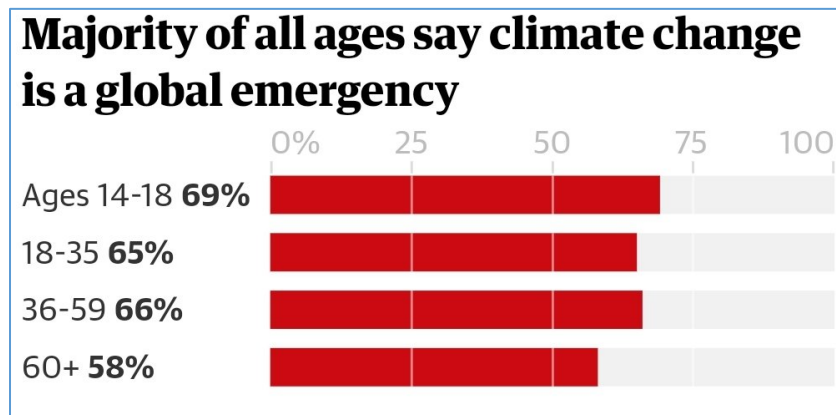
## SCIENCE AND TECHNOLOGY

### NASA Re-discovers 'Lost Galaxy'

- ❖ Hubble Space Telescope of NASA captured the images of the NGC 4535.
- ❖ It is also known as the "Lost Galaxy".
- ❖ This Galaxy was discovered in 1785 by William Herschel.
- ❖ William Herschel found the planet Uranus.
- ❖ The galaxy is located about 50 million light-years from Earth.
- ❖ It is one of the largest of some 2,000 galaxies in the Virgo Cluster.

## ENVIRONMENT

### UN Global Climate Survey



- ❖ United Nations has released its biggest ever opinion poll on climate change.
- ❖ It is called "UN Global Climate Survey".
- ❖ The United Nations Development Programme (UNDP) conducted the "Peoples' Climate Vote" for 1.2 million people from 50 countries to prepare this report.

### Key Findings

- ❖ Two-thirds of people think it is a "global emergency".
- ❖ 69% of people aged 14-18 said there is a climate emergency.
- ❖ 58% of those above 60 agreed with it.

- ❖ 65% in favour of renewable energy in US, 76% in Australia and 51% in Russia.
- ❖ The conservation of trees gets 60% support in Brazil while 57% in Indonesia.

## **STATES**

### **School of Public Health - Rajasthan**

- ❖ Rajasthan has launched a new School of Public Health.
- ❖ The school was launched to make the policy intervention to build the public health capacity and skills.
- ❖ It will also help in bridging the gaps between education and practices in Rajasthan.
- ❖ The school has been named after the Indian Institute of Health Management Research (IIHMR).

### **1<sup>st</sup> state with 2 Expressway airstrips**

- ❖ In Uttar Pradesh, a new 3,300-metre-long airstrip has been constructed near Kurebhar on Purvanchal Expressway.
- ❖ With this new airstrip, Uttar Pradesh has become the first state in India having two airstrips on expressways.
- ❖ Uttar Pradesh also has an airstrip on Lucknow-Agra Expressway.
- ❖ Airstrips on expressways are designed to facilitate emergency landing and take-off of fighter planes.

