

February - 20

## TNPSC BITS

- ❖ The 23rd edition of the India International Seafood Show (IISS-2023) held in Kolkata.
- ❖ The Ministry of Housing and Urban Affairs recently conducted a two-day Smart city CEO conference at Panaji, Goa.
- ❖ Union Tourism Ministry will organise 1st Global Tourism Investors' Summit in New Delhi to showcase opportunities in the Tourism and hospitality sector.
- ❖ The Election Commission of India hosted the 2<sup>nd</sup> International Conference on the theme 'Use of Technology and Elections Integrity' in New Delhi.

## NATIONAL

### Digital Suraksha campaign

- ❖ Meta has announced its partnership with the Ministry of Electronics and Information Technology commonly known as MeitY for the G20 Stay Safe Online Campaign.
- ❖ In association with the ministry, Meta has launched the #DigitalSuraksha campaign.
- ❖ Meta will create and share resources in multiple Indian languages about how to stay safe online through this Campaign.
- ❖ It aims to raise awareness about how to be safe in the digital world.



### Kavach 2023

- ❖ The ministries of home affairs and education, along with the All-India Council for Technical Education (AICTE), launched Kavach 2023.

- ❖ It is a national level hackathon on cybersecurity.
- ❖ Kavach is being launched to identify innovative concepts and technology solutions for addressing cybersecurity challenges faced by Indian intelligence agencies.



*Accelerating the pace of innovation to strengthen India's Cyber Security Ecosystem*

**कवच**  
**KAVACH**  
**2023**  
साइबर सुरक्षा हैकथॉन  
Cybersecurity Hackathon

A unique initiative  
by  
Ministry of Home Affairs &  
Ministry of Education  
Government of India

16<sup>th</sup> February 2023  
National Media Centre, New Delhi

## 2<sup>nd</sup> Global Hackathon “HARBINGER 2023”



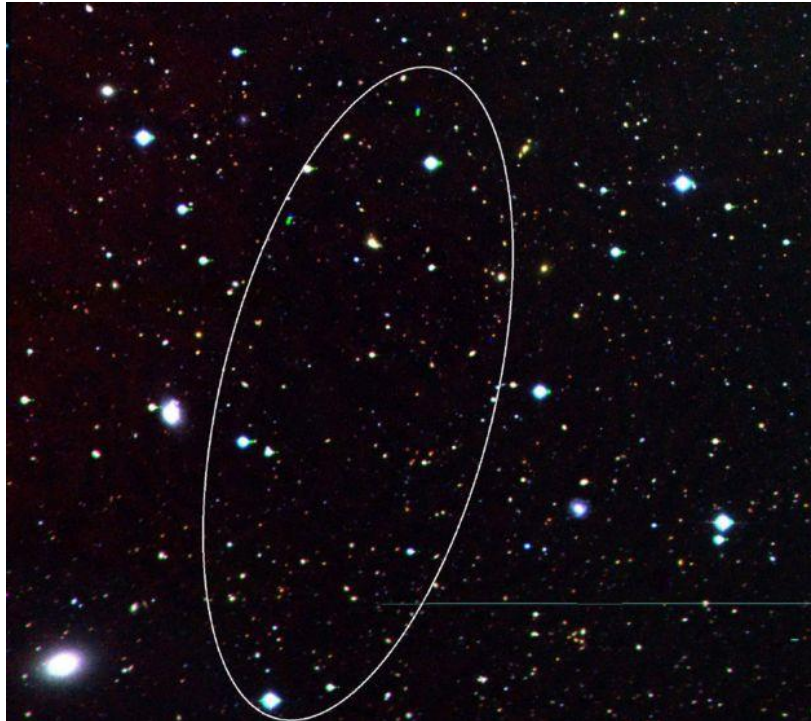
- ❖ The Reserve Bank announced its second global hackathon - 'HARBINGER 2023 - Innovation for Transformation'.
- ❖ Theme of this is 'Inclusive Digital Services'.

- ❖ The first hackathon was announced in November 2021 and results were declared in June 2022.

## SCIENCE AND TECHNOLOGY

### Invisible Galaxy

- ❖ Italian researchers have discovered a Black Galaxy or Invisible Galaxy using ALMA.
- ❖ The young, star-forming galaxy is filled with dust and gas, and formed 2 billion years after the Big Bang.
- ❖ The galaxy is termed invisible because the light emitted couldn't be seen from the earth.
- ❖ However, the presence of the galaxy has been discovered using the gravitational lensing technique.
- ❖ ALMA Stands for Atacama Large Millimetre Array.



### Sniffing robots

- ❖ Scientists from Israel have developed a sniffing robot which is equipped with a biological sensor.

- ❖ The robot uses the antennae of a locust to diagnose disease and improve security checks.
- ❖ Locusts smell with their antennae.
- ❖ The bot can detect even the tiniest particle or an organism in its surrounding.
- ❖ This sniffer can be used to detect drugs and explosives.



### **First hydrogen-powered heavy-duty truck**



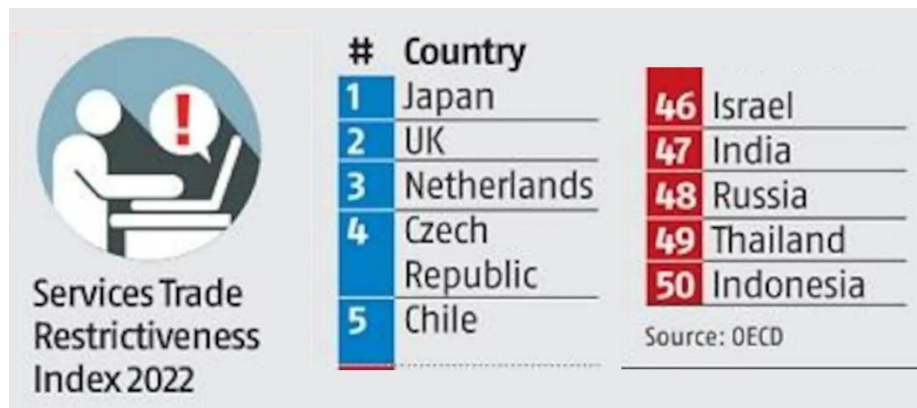
- ❖ India's first Hydrogen Internal Combustion Engine (H<sub>2</sub>-ICE) powered Heavy Duty truck was unveiled recently.
- ❖ The Ashok Leyland's new H<sub>2</sub>-ICE heavy-duty truck range is powered by Hydrogen fuel and is based on its conventional diesel-based combustion engine.
- ❖ It was developed by Reliance in partnership with Ashok Leyland.
- ❖ This would help quicker migration to cleaner energy sources at a relatively lower cost delta.

- ❖ The H<sub>2</sub>-ICE produces nitrogen oxides only if atmospheric hydrogen is used.
- ❖ India includes nitrogen oxides in its pollutant list.
- ❖ There are no sulphur oxides, carbon monoxide, particulate matter, or Hydro carbons emissions in H<sub>2</sub>-ICE.

## REPORTS AND INDICES

### Services Trade Restrictiveness Index (STRI)

- ❖ India stood at 47<sup>th</sup> position in Services Trade Restrictiveness Index (STRI) for the year 2022.
- ❖ This survey was conducted by the Organisation for Economic Cooperation and Development (OECD).
- ❖ Due to Russia-Ukraine war, Russia slipped to 48th position in the index.
- ❖ The STRI indices takes into consideration the government policies in several sectors that define the ease of trading in those sectors and industries.
- ❖ As per the index, zero shows least restriction and one show no restriction.
- ❖ The database also records details based on a Most Favoured Nation basis.



## STATES

### International Craft Summit

- ❖ Odisha Chief Minister Naveen Patnaik inaugurated an 'International Craft Summit' in Jajpur.
- ❖ This is the first-of-its-kind craft summit featuring a confluence of pioneering craftspeople, culture, and art enthusiasts.

- ❖ Four UN agencies and five UNESCO Creative Cities have partnered with the district to realize this ambitious and forward-looking event on behalf of the State Government.



## PERSONALITIES, AWARDS, AND EVENTS

### Ustad Bismillah Khan Yuva Puraskar



- ❖ The award is presented by Sangeet Natak Akademi to artists in the field of dance, music, and drama.
- ❖ 19 artists from North East India won the award.
- ❖ The awards were presented for the years 2019, 2020, and 2021.
- ❖ It is presented annually to artists below the age of 40.
- ❖ Every year, more than 33 artists are presented with the award.
- ❖ The Ustad Bismillah Khan Yuva Puraskar is being presented since 2006.
- ❖ The awards were presented by the Union Minister of Culture and Tourism.

### President's Colour award - Haryana



- ❖ The union home minister presented the award on behalf of the President.
- ❖ President's Colour award was given to the Haryana Police in recognition of its exceptional service.
- ❖ The President's Colour is a special flag given to a military, paramilitary or police unit as a mark of recognition for its services to the nation.

## IMPORTANT DAYS

### International Childhood Cancer Day - February 15

- ❖ The Childhood Cancer International, a federation of numerous parent-founded child cancer support groups, was established that day.
- ❖ In 1994, Childhood Cancer International was founded.

- ❖ The goal of the day is to bring attention to and express support for young people with cancer.
- ❖ The International Childhood Cancer Day campaign will run for three years (2021-2023).
- ❖ “Better Survival” is the slogan for the three-year initiative.



### Financial Literacy Week - February 13/17



The poster for Financial Literacy Week - 2023 is titled 'FINANCIAL LITERACY WEEK - 2023' and 'GOOD FINANCIAL BEHAVIOUR - YOUR SAVIOUR'. It lists several activities: Series of Capacity Building Programmes Involving India's Financial Sector Regulators; National Level Financial Literacy Quiz for Students from Class 6<sup>th</sup> to 12<sup>th</sup>; National Level Webinar on 'Digital Financial Services Day'; Dissemination of Financial Awareness Messages & Short Videos through Digital Platforms; and Financial Education Campaign through workshops. The poster also features the logo for FLW 2023 (Financial Literacy Week) and the dates 13<sup>th</sup> - 17<sup>th</sup> February 2023. The slogan 'Good Financial Behaviour Your Saviour' is written at the bottom.

- ❖ The Reserve Bank of India (RBI) has been conducting this event every year since 2016.
- ❖ It aims to propagate financial education messages on a particular theme among members of public across the country.



- ❖ Financial literacy is the ability to understand and effectively use various financial skills.
- ❖ The theme for this year is “Good Financial Behaviour, Your Saviour”.

## MISCELLANEOUS

### Astronaut training module



- ❖ IIT Madras plans to develop a training module for the Indian Spaceflight Program.
- ❖ This training module will be created on the basis of Augmented Reality (AR)/ Virtual Reality (VR) / Mixed Reality (MR).
- ❖ ISRO and IIT Madras inked a Memorandum of Understanding (MoU) to work together on this Program.

