

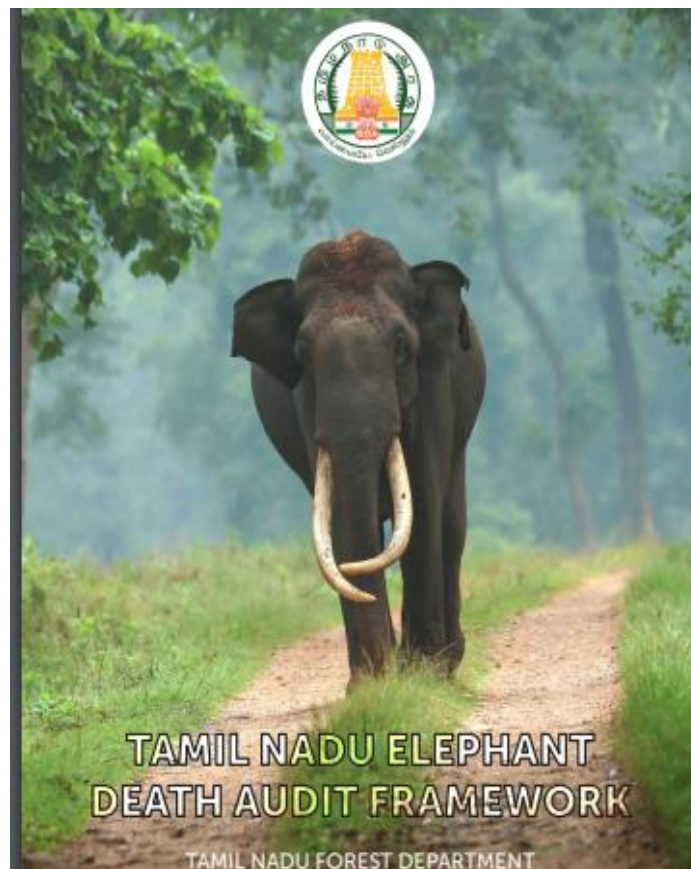
December - 02

## TNPSC BITS

- ❖ The first three of a series of eight anti-submarine warfare shallow water crafts being built by Cochin Shipyard Ltd for the Navy were launched.
  - The ships are to be named as INS Mahe, INS Malvan and INS Mangrol.
- ❖ The 28th conference of Parties or COP-28 member countries agreed to make operational a Loss and Damage (L&D) Fund meant to compensate countries already dealing with climate change.

## TAMIL NADU

### Elephant Death Audit Framework in Tamil Nadu



- ❖ This framework started in the year 2022 by the Forest Department from its Elephant Death Audit Framework.

- ❖ In Tamil Nadu, an elephant has a higher chance of dying of electrocution than of old age and starvation.
- ❖ Data shows that 1,505 elephant deaths have been recorded since 2010 and 159 of them, or 10.5% of all mortalities.
- ❖ Elephants are among the most long-living mammals, with a life expectancy of around 50 years in the wild with a generation length of 22 years.

### **Statue of Iyothee Thass Pandithar**



- ❖ Tamil Nadu chief minister M K Stalin unveiled the statue of anti-caste activist Iyothee Thass Pandithar at Gandhi Mandapam in Chennai.
- ❖ Iyothee Thasar born in then Teynampet-Thousand Lights area in the former Madras Presidency on May 20, 1845.
- ❖ He learned Tamil, English, Pali and Sanskrit.
- ❖ He was the first person who made the words Tamizhan and Dravidan as political identity.
- ❖ Iyothee Thass Pandithar is also known as the “Dravida Peroli” and ‘Father of Social Reforms in South India’.
- ❖ He launched ‘Dravida Pandian’ magazine in 1885 along with John Rathinam and in 1907.
- ❖ He launched ‘Oru Paisa Tamizhan’, a Tamil newspaper.
- ❖ He established the ‘Sakya Buddhist Society’ in Madras in 1898.



- ❖ He also started Dravida Mahajana Sabha in 1891 and Advaidananda Sabha in 1876.

## **NATIONAL**

### **Noida International Airport**

- ❖ IndiGo will be the first airline to start flights from Noida International Airport.
- ❖ It is scheduled to be operational by the end of 2024.
- ❖ The greenfield airport is located in Jewar area of Gautam Buddha Nagar district in western Uttar Pradesh, about 75 km from Delhi.
- ❖ It will be the second international and overall, third commercial airport in the National Capital Region (NCR).



### **6Eskai**

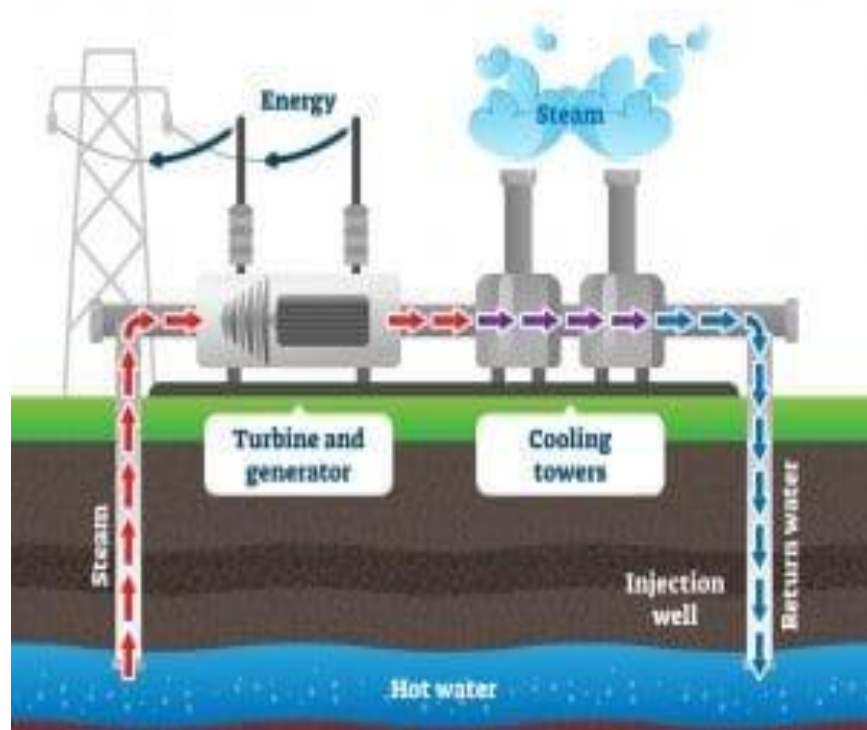


- ❖ IndiGo introduces AI chatbot '6Eskai' to help customers with flight booking.

- ❖ The AI bot boasts an impressive 1.7 trillion parameters, allowing it to answer a diverse range of common questions.
- ❖ It reduces 75% customer service agent's workload showcasing the efficiency and effectiveness of the bot.
- ❖ The bot will use the natural language conversations to guide customer throughout booking journey.

## INTERNATIONAL

### Geothermal Energy Independent Power Producer (IPP)



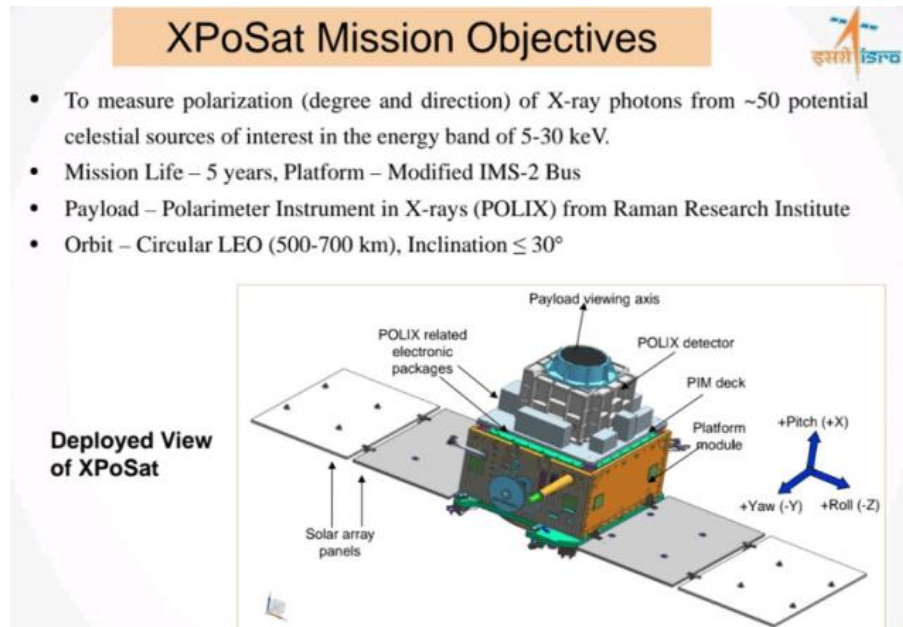
- ❖ Zimbabwe announced to construct its first utility-scale geothermal energy Independent Power Producer (IPP) and support the reduction of greenhouse Gas (GHG) emissions in the country.
- ❖ In 2021, Zimbabwe's total energy generation comprised 29% from non-renewable sources and 71% from renewables.
- ❖ Hydropower is constituting 69% of total energy generation with the largest share.
- ❖ The climate change-induced challenges have led to intensive load shedding and increased reliance on fossil fuels.
- ❖ Zimbabwe is contributing only 0.03% of global greenhouse gas emissions in 2021.

- ❖ It is highly sensitive to extreme climate events and ranks among the top 10 countries most affected by climate change.

## SCIENCE AND TECHNOLOGY

### X-ray Polarimeter Satellite

- ❖ Indian Space Research Organization has announced a plan to launch its first X-ray Polarimeter Satellite (XPoSat) to investigate the polarisation of intense X-ray sources.
- ❖ The mission objectives include the measurement of X-ray polarisation in the energy band of 8-30 keV emanating from X-ray sources and long term spectral and temporal studies of cosmic X-ray sources in the energy band of 0,8-15 keV.
- ❖ This mission live is expected to be approximately five years.



## ENVIRONMENT

### Barda Wildlife Sanctuary

- ❖ After Gir National Park and Sanctuary, the Barda Wildlife Sanctuary (BWLS) is set to become the second home to Asiatic lions.
- ❖ The Gujarat Forest Department presented its proposal to make BWLS the second home to the lions as part of "Project Lion @ 2047".

- ❖ Project Lion is an initiative launched by the Government of India in 2021 to conserve and protect the Asiatic Lion and its habitat.
- ❖ It is situated approximately 15 kilometres from Porbandar and 100 kilometres west of Gir Forest National Park, Gujarat.
- ❖ Previous to its 1979 establishment as a wildlife sanctuary, Barda was a private reserve for Porbandar and Jamnagar.



## IMPORTANT DAYS

### World AIDS Day 2023 - December 01



- ❖ Since 1988, it aims to raise public awareness about Acquired Immuno Deficiency Syndrome.

- ❖ It is a pandemic disease cause due to infection Human Immunodeficiency Virus (HIV) which affects the human immune system.
- ❖ India has about 2.47 million people living with HIV with approximately 66,000 new cases recorded last year.
- ❖ On 1st December, WHO, together with communities and partners will commemorate World AIDS Day 2023, under the theme “Let communities lead”.

### **National Pollution Control Day 2023 - December 02**

- ❖ Every year, National Pollution Control Day is observed on December 2.
- ❖ On December 2 and December 3, 1984, a harmful chemical – Methyl Isocyanate – along other chemicals got released from a pesticide plant, Union Carbide India Limited, in Bhopal, Madhya Pradesh.
- ❖ The MP state government declared 25000 people dead because of the exposure of harmful gases.
- ❖ National Pollution Control Day is celebrated to honour the people who lost their lives due to the unfortunate incident.
- ❖ The theme for National Pollution Control Day 2023 is “Sustainable Development for a Clean and Healthy Planet”.



### **International Day for the Abolition of Slavery 2023 - December 02**

- ❖ Every year on December 2<sup>nd</sup>, the International Day for the Abolition of Slavery draws attention to slavery that still exists in the world.

- ❖ According to the United Nations, slavery traps over 40 million people around the world.
- ❖ On December 2, 1949, the UN adopted the Convention for the Suppression of the Traffic in Persons and the Exploitation of the Prostitution of Others.
- ❖ In 1985, a UN report of the Working Group on Slavery recommended the proclamation of World Day for the Abolition of Slavery on December 2<sup>nd</sup>.
- ❖ By 1995, the world came to know the day as International Day for the Abolition of Slavery.
- ❖ The theme for this year's International Day for the Abolition of Slavery is - Fighting slavery's legacy of racism through transformative education.

