

July - 23

## TNPSC BITS

- ❖ Indian astrophysicist Prahlad Chandra Agrawal has been awarded the COSPAR Harrie Massey Award 2024 at the 45th COSPAR Scientific Assembly in Busan, South Korea.
- ❖ Palakkad based Sri Kurumba Educational and Charitable Trust, has been honoured with the “Best Child and Women Development Initiatives of the Year 2024”.
- ❖ Union govt announced the theme of India Mobile Congress (IMC) 2024 as “The Future is Now.”
- ❖ The Indian men's national football team remained at 124<sup>th</sup> place in the latest FIFA rankings.
- ❖ The President of the European Commission, Ursula von der Leyen, was re-elected and will serve for another five years.
- ❖ Rwanda’s President Paul Kagame has been re-elected to a fourth term in office with more than 99 percent of the vote.

## TAMIL NADU

### Tamil Nadu Day 2024



- ❖ After Indian Independence on 15 August 1947, the Madras Presidency became the Madras Province.

- ❖ As a result of the States Reorganisation Act, 1956, the state's boundaries were re-organized following linguistic lines.
- ❖ Tamil Nadu was created on 1 November 1956 with the name Madras State.
- ❖ On July 18, 1967, a resolution moved by former Chief Minister C.N. Annadurai was adopted by the State Assembly to rename the then Madras Presidency as Tamil Nadu.

## NATIONAL

### India-Taiwan MRA for Organic Products

- ❖ An agreement between India and Taiwan to facilitate trade in organically-produced goods, including tea and medicinal plants, has come into force.
- ❖ The Mutual Recognition Agreement (MRA) will ease the export of organic products by avoiding dual certifications.
- ❖ The implementing agencies for the MRA are India's Agricultural and Processed Food Products Export Development Authority (APEDA) and Taiwan's Agriculture and Food Agency.



### 4th ICCPR Human Rights Review

- ❖ India successfully concluded its fourth periodic review by the UN Human Rights Committee under the International Covenant on Civil and Political Rights (ICCPR).
- ❖ The Committee reviews report of all countries by conducting periodic reviews and make observations and recommendations.

- ❖ India became a party to the ICCPR in 1979 and has undergone three such reviews so far, the last being in 1997.



## INTERNATIONAL

### UN Water Convention 2024

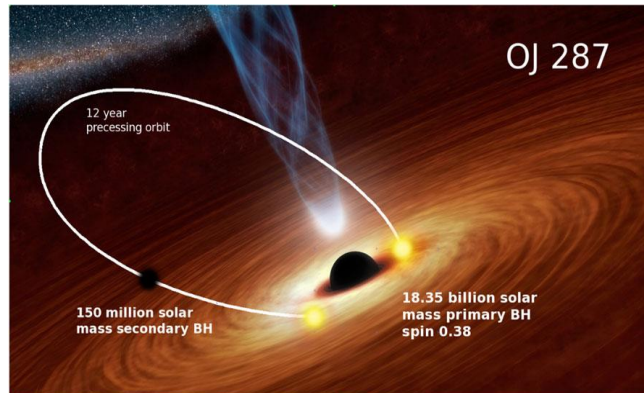


- ❖ Ivory Coast has joined the United Nations Water Convention, becoming the 10th African nation to do so.
- ❖ It is now the 53rd Party (country) to the 1992 UN Water Convention.

- ❖ This convention is also known as the Convention on the Protection and Use of Transboundary Watercourses and International Lakes.
- ❖ The Convention was initially established as a regional framework for the pan-European region.
- ❖ In 2016, it is opened to all UN Member States but India is not a Party to Convention.
- ❖ This Convention is a unique legally binding instrument promoting sustainable management of shared water resources, the implementation of the SDG, the prevention of conflicts, and the promotion of peace and regional integration.

## SCIENCE AND TECHNOLOGY

### OJ 287 and Black Hole Pairs



- ❖ A new study carried out by a group of 32 scientists from 10 countries spotted the smaller black hole of a pair establishing the 'sight' of an orbiting blackhole for the first time.
- ❖ Researchers have already confirmed the theory that there are two black holes at the centre of the four billion light years distant galaxy OJ 287.
- ❖ The galaxy called OJ 287 is located billion light years away.
- ❖ In 2021, Researchers also have found indirect evidence that a very massive black hole in OJ 287 is orbiting a giant black hole 100 times its size.

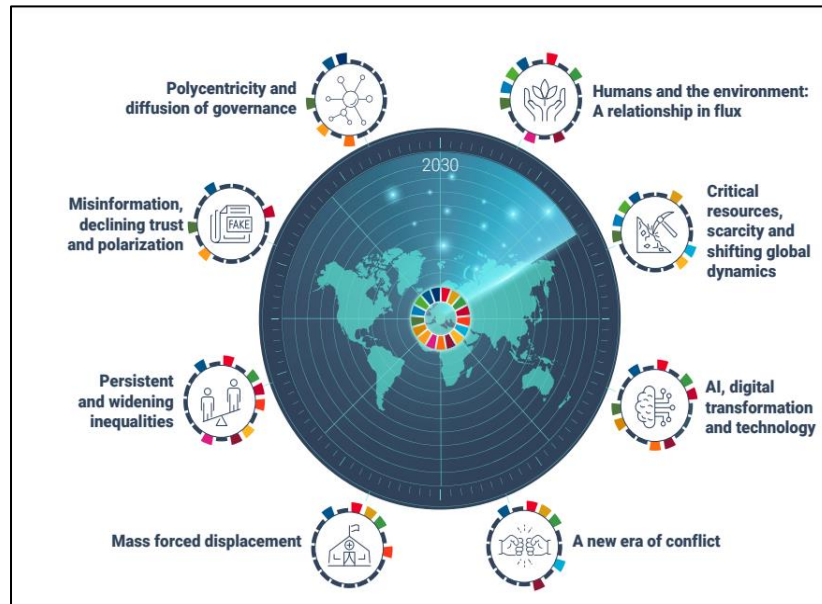
## REPORTS AND INDICES

### UNEP Foresight Report 2024

- ❖ Recently, the UNEP released a report titled "Navigating New Horizons: A Global Foresight Report on Planetary Health and Human Wellbeing, 2024".



- ❖ 85% of the 169 SDG targets are off track and 37% of the targets have shown no progress.
- ❖ Human activities are predicted to affect over 90% of land by 2050.
- ❖ Up to 46% of species may face extinction.
- ❖ Global temperatures are projected to rise 2.1-3.9°C by 2100.
- ❖ There are over 8.89 billion mobile subscriptions, with around 5.6 billion users owning a device.
- ❖ 1.5% of the global population is forcibly displaced, nearly double the number from a decade ago.
- ❖ Environmental migrants could be 25 million-1 billion by 2050.
- ❖ The global inequality is worsening, with the top 10% holding over 75% of wealth, while the bottom 50% own just 2%.




## STATES

### **Geological Links with Gondwana Supercontinent**

- ❖ Scientists unearthed new findings shedding light on an ancient link between the Indian subcontinent and Antarctica.
- ❖ Their research provides strong evidence of a collision between India and East Antarctica over a billion years ago.
- ❖ They uncovered a hidden ridge beneath the Darsi and Addanki regions of Andhra Pradesh.

- ❖ This ridge is attributed to the historic collision, suggesting a tilting of the Cuddapah basin towards the south.

<b>AP RIDGE ATTRIBUTED TO CONTINTAL COLLISION</b>	
<ul style="list-style-type: none"> <li>● Supercontinent Gondwana includes present-day South America, Africa, Arabia, Madagascar, India, Australia &amp; Antarctica</li> </ul>	
<ul style="list-style-type: none"> <li>● Antarctica &amp; India were once single large landmass that broke apart 1.5 billion years ago, say geologists</li> </ul>	<ul style="list-style-type: none"> <li>● Proterozoic Cuddapah Basin played key role in geodynamic evolution of India-East Antarctica terrain</li> <li>● This period extended from 2.5 billion years ago to 542 million years ago</li> </ul>

## PERSONALITIES, AWARDS, AND EVENTS

### SVANidhi Scheme awards 2024



- ❖ Madhya Pradesh has secured the first place under the 'Best Performing State' category in the PM SVANidhi scheme.

- ❖ This micro-credit scheme for urban street vendors provides collateral-free loans up to Rs 50,000.
- ❖ Assam has been ranked second in the 'Best Performing States- Innovation and Best Practices Award' category.
- ❖ In the 'Best Performing ULBs - Loan Performance with mega and million plus cities' category, the Municipal Corporation of Delhi (MCD) has received the first place.
- ❖ It is followed by the Bruhat Bengaluru Mahanagara Palike (BBMP) and the Ahmedabad Municipal Corporation.
- ❖ The awards in the National Urban Livelihood Mission (DAY-NULM) were also announced.
- ❖ Kerala tops the chart in the category of 'Systematic Progressive Analytical Real Time Ranking (SPARK)', followed by Uttar Pradesh and Rajasthan.

## IMPORTANT DAYS

### CSIR - CRRI foundation Day 2024 - July 16



- ❖ The Council of Scientific and Industrial Research CSIR-Central Road Research Institute (CRRI) celebrated its 73rd Foundation Day.
- ❖ The idea for CRRI was first discussed at the 1943 conference of Chief Engineers in Nagpur, Maharashtra.



- ❖ It was later approved by the CSIR General Body in March 1950, under the guidance of Sir Shanti Swaroop Bhatnagar, on 16 July 1952.

## MISCELLANEOUS

### **Bhojshala-Kamal Maula Mosque complex – Madhya Pradesh**



- ❖ The Archaeological Survey of India submitted its scientific survey report on the disputed Bhojshala-Kamal Maula Mosque complex.
- ❖ The ASI report suggests that Bhojshala was once a significant educational center, established by King Bhoj.
- ❖ The Hindu community considers Bhojshala, a 11th-century monument, as a temple of Vagdevi (Goddess Saraswati).
- ❖ The Muslim side calls it Kamal Maula Mosque.
- ❖ For the last 21 years, the Hindus are allowed to worship in the Bhojshala while Muslims are allowed to offer namaz at the place.
- ❖ Sufi saint Maula Kamaluddin Chishti was a disciple of Nizamuddin Auliya.
- ❖ He preached here for around 40 years around 1291.

