

November - 12

TNPSC BITS

- ❖ Kerala bagged the prestigious Global Responsible Tourism Award 2023, for its sustainable and women-inclusive initiatives successfully promoted by the state's Responsible Tourism Mission.
- ❖ Adani Green Energy Ltd (AGEL) has become India's largest green energy company as it reached the 8.4 gigawatt (GW) installed capacity mark.
- ❖ Legacy Iron Ore Limited, a subsidiary of National Mineral Development Corporation (NMDC) will commence its mining operation at the Mount Celia gold project located in western Australia.
- ❖ Chile has become the 95th member of the International Solar Alliance (ISA).
- ❖ November 9 is celebrated as Uttarakhand State Foundation Day or Uttarakhand Divas every year.
 - On November 9, 2000, Uttarakhand became India's 27th state, carved out of the hilly regions of undivided Uttar Pradesh.

NATIONAL

Krishi 24/7



- ❖ The Department of Agriculture and Farmers Welfare (DA&FW) in collaboration with Wadhvani Institute for Artificial Intelligence (Wadhvani AI) developed Krishi 24/7.

- ❖ This is the first-ever AI-powered solution for automated agricultural news monitoring and analysis, with support from Google.org.
- ❖ Krishi 24/7 will aid DA&FW to identify relevant news, generate timely alerts, and take prompt action to protect farmers' interests and promote sustainable agricultural growth through improved decision-making.

INTERNATIONAL

New session of the Britain's parliament



- ❖ King Charles III Tuesday gave the United Kingdom's first King's Speech in more than 70 years.
- ❖ He outlined the legislative agenda scheduled by Prime Minister Rishi Sunak for the next parliamentary session.
- ❖ The last session of Parliament opened in May 2022, when Boris Johnson was the prime minister of the UK and Queen Elizabeth II sat on the throne.

Treaty of Conventional Armed Forces

- ❖ NATO announced the formal suspension of a key Cold War-era security treaty in response to Russia's pullout from the deal.
- ❖ Most of NATO's 31 allies have signed the Treaty of Conventional Armed Forces in Europe.
- ❖ It is aimed at preventing Cold War rivals from massing forces at or near mutual borders.

- ❖ It was signed in November 1990 at Paris, but not fully ratified until two years later.
- ❖ Russia's foreign ministry also announced last week that Moscow had finalised its withdrawal.



SCIENCE AND TECHNOLOGY

High energy X-ray glimpse of solar flares

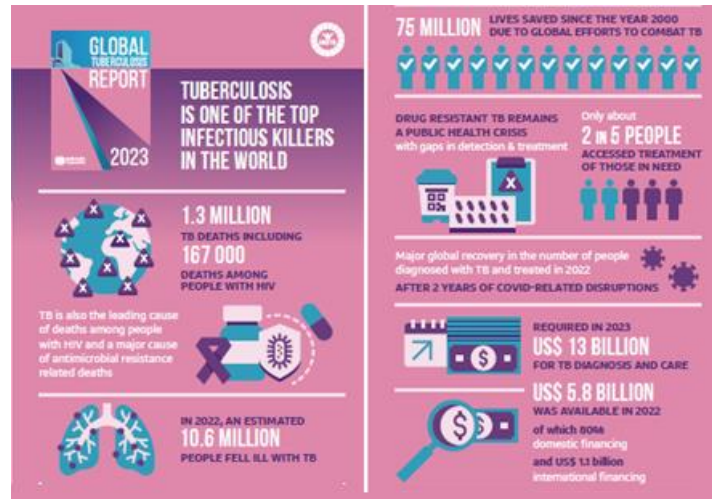


- ❖ India's solar mission spacecraft, Aditya-L1 captured the first high-energy X-ray glimpse of solar flares.
- ❖ The High Energy L1 Orbiting X-ray Spectrometer (HEL1OS) on board Aditya-L1 spacecraft has recorded the impulsive phase of solar flares.
- ❖ The instrument is set to monitor the Sun's high-energy X-ray activity with fast timing and high-resolution spectra.
- ❖ A solar flare is a sudden brightening of the solar atmosphere.

- ❖ Flares produce enhanced emission in all wavelengths across the electromagnetic spectrum – radio, optical, UV, soft X-rays, hard X-rays and gamma-rays.

REPORTS AND INDICES

WHO Global report on TB 2023



- ❖ India accounted for the highest number of tuberculosis (TB) cases in the world in 2022.
- ❖ It represents a staggering 27 percent of the global burden.
- ❖ From 192 countries and areas, 7.5 million people were diagnosed with TB in 2022.
- ❖ Overall, 30 high burden TB countries accounted for 87 per cent of the world's TB cases in 2022.
- ❖ Among the top eight high burden countries, Indonesia (10%), China (7.1%), the Philippines (7. %), Pakistan (5.7%), Nigeria (4.5 %), Bangladesh (3.6%), and the Democratic Republic of Congo (3.0%) are included.
- ❖ India recorded 2.8 million (28.2 lakh) TB cases in 2022, with a case fatality ratio of 12 per cent.

QS Asia University Rankings 2024

- ❖ Asia by Quacquarelli Symonds (QS) is out and it features 148 Universities from India.
- ❖ In Asia, overall list has 856 Universities being listed in total.
- ❖ The Indian Institute of Technology Bombay (IIT Bombay) grabbed the top spot in India with the 40th position.



- ❖ It is followed by IIT-Delhi at the 46th position and IIT-Madras at the 53rd position.
- ❖ Vellore institute of technology (163), Bharathiyar University (171), Anna university (179) are got place from Tamil Nadu.
- ❖ With 148 universities in the ranking list, India also becomes the country in Asia with the highest number of universities being featured.
- ❖ It is surpassing China with 133 and Japan with 96 universities.
- ❖ IIT Bombay also secured the 149th position in the QS World University Ranking 2024.

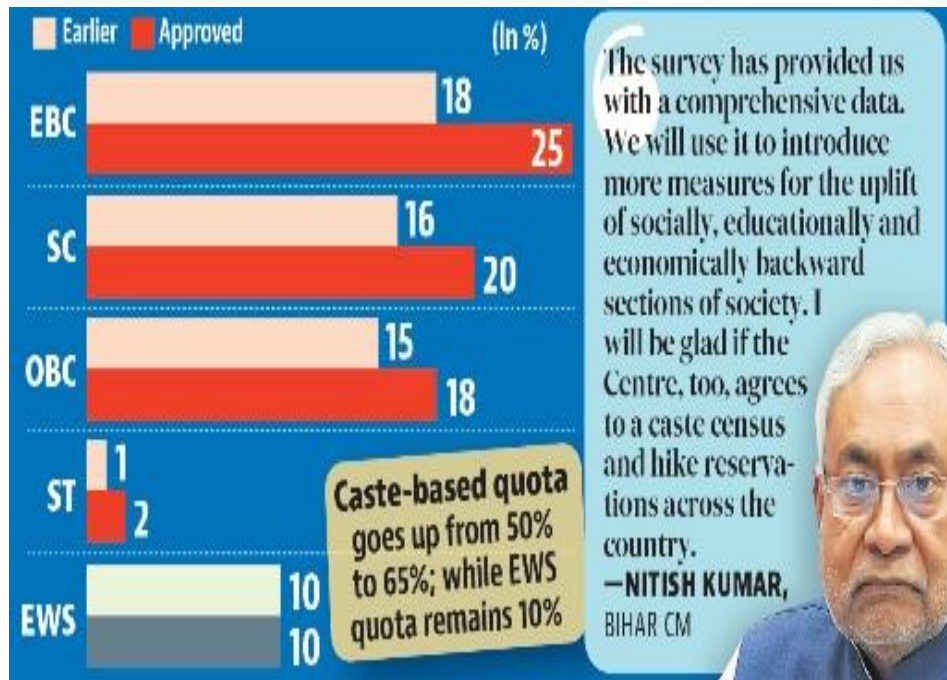
Indian Universities in QS World University: Asia 2024 - Top 200					
2024	2023	Change	QS WUR	Institution	Location
40	40	0	149	Indian Institute of Technology Bombay (IITB)	Mumbai
46	46	0	197	Indian Institute of Technology Delhi (IITD)	Delhi
53	53	0	285	Indian Institute of Technology Madras (IITM)	Chennai
58	52	6	225	Indian Institute of Science	Bangalore
59	61	2	271	Indian Institute of Technology Kharagpur (IIT-KGP)	Kharagpur
63	66	3	278	Indian Institute of Technology Kanpur (IITK)	Kanpur
=94	85=	9	407	University of Delhi	Delhi
111	124=	13	364	Indian Institute of Technology Guwahati (IITG)	Guwahati
116	114	2	369	Indian Institute of Technology Roorkee (IITR)	Roorkee
117	119	2	606	Jawaharlal Nehru University	Delhi
149	185=	36	777	Chandigarh University	Chandigarh
163	173	10	888	Vellore Institute of Technology (VIT)	Vellore
=171	205=	34		Bharathiar University	Coimbatore
=179	185=	6	427	Anna University	Chennai
186	200=	14	1100	Amity University	Noida
=187	181	6	847	University of Calcutta	Kolkata
=199	207=	8	1084	Banaras Hindu University	Varanasi

STATES

Increasing reservation ratio

- ❖ The Reservation Amendment Bill, seeking an increase in reservations in government jobs and educational institutions in Bihar, was passed recently.
- ❖ It aims to raise quotas for Other Backward Classes, Scheduled Castes and Scheduled Tribes in the state.
- ❖ This will increase reservations for the SC, ST, OBC and Extremely Backward Classes, to 65 per cent in the state.
- ❖ This is increase from the 50 per cent ceiling set by the Supreme Court.
- ❖ Currently, there is 18 per cent reservation for EBCs, 12 per cent for OBCs, 16 per cent for SCs, 1 per cent for STs and 3 percent for women from backward classes in Bihar in state jobs and educational institutions.

- ❖ The new proposal is SC- 20%, ST - 2%, OBC and EBC- 43%.



GPS tracker anklets



- ❖ In a first, Jammu and Kashmir Police have introduced GPS tracker anklets to monitor the terror-accused people on bail in the union territory.
- ❖ With this, the J&K police department became the first in India to be using GPS tracker anklets.

- ❖ The GPS tracker anklet is already in use in Western countries such as the USA, United Kingdom, South Africa, Australia, and New Zealand.
- ❖ They used this to track the movement of accused persons on bail, parole, and house arrest and accordingly de-congests prisons to a large extent.

IMPORTANT DAYS

National Legal Services Day 2023 - November 09

- ❖ This day marks the adoption of the Legal Services Authorities Act 1987.
- ❖ It was officially enacted on the same date in 1995.
- ❖ This day serves to raise awareness about the availability of free legal aid for all citizens, regardless of their background or identity.



World Usability Day 2023 - November 09

- ❖ Every year on the second Thursday of November, the world observes World Usability Day.
- ❖ The goal of this day is to bring together various communities that can work together to make the world a better place to live.
- ❖ This day also focuses on the responsibility of every user to demand better quality products.



❖ Theme for 2023 is 'Collaboration and Cooperation'.

