

November - 11

TNPSC BITS

- ❖ The Election Commission of India named IAS officer Archana Patnaik as the Chief Electoral Officer (CEO) of Tamil Nadu, replacing incumbent Satyabrata Sahoo.
 - She is the first woman IAS officer to hold the post of the CEO.
- ❖ Arjun Erigaisi has climbed to second in the global chess rankings after his victory over Alexey Sarana at the Chennai Grand Masters 2024.
- ❖ Anil Pradhan from Odisha, was awarded the third Rohini Nayyar Prize for Outstanding Contribution to Rural Development for his work in promoting STEM education among students in rural India.
- ❖ An autonomous surface vessel under 'Sagarmala Parikrama' has completed a 1,500-km voyage from Mumbai to Thoothukudi under without any human intervention.
 - It is first-of-its-kind journey which highlights India's growing expertise in the autonomous maritime technology.
- ❖ A 3rd joint military exercise, AUSTRALIND, was held between India and Australia began in Pune.
- ❖ The Indian Army, Navy and Air Force is conducting a joint Tri-services exercise-Poorvi Prahar in the eastern theatre.
 - In the eastern theatre, the stretches of the Line of Actual Control (LAC) are managed by the armed forces in the states of Sikkim and Arunachal Pradesh.
- ❖ The Australian government will introduce legislation to ban social media use for children under the age of 16.
- ❖ India has officially signed the Host Country Agreement (HCA) with the Global Biofuels Alliance (GBA) for the establishment of the Alliance's Secretariat in India.

TAMIL NADU

Email policy for Tamil Nadu

- ❖ The email policy for Tamil Nadu government employees was unveiled recently.
- ❖ It warns against the emails containing language derogatory to religion, caste and ethnicity, and those containing anti-national messages and obscene material.
- ❖ About 1.10 lakh people are using the official email services of the Tamil Nadu government.

- ❖ Tamil Nadu introduced email services for secretaries and other users within the Secretariat for internal and external communications in 2008.



Snakebite envenomation



- ❖ The Tamil Nadu government has officially declared snakebite envenomation as a notifiable disease under the Tamil Nadu Public Health Act, 1939.
- ❖ Snakebite envenomation is a life-threatening medical condition caused by the venomous snake bites.
- ❖ It is a major health concern in rural and snake-endemic regions.

- ❖ This move is expected to lead to better prevention strategies, reduce mortality rates, and enhance treatment facilities across the state.
- ❖ WHO has recognised snakebite as a global public health issue and launched a strategy to reduce snakebite-induced deaths and disabilities worldwide.

Dugong Conservation Centre 2024

- ❖ The Forest Department has invited bids for the construction of the International Dugong Conservation Centre (IDCC) at Manora, Thanjavur.
- ❖ The IDCC is to be established under the TN-SHORE (Tamil Nadu Sustainably Harnessing Ocean Resources and Blue Economy) initiative.
- ❖ It aims to conserve the “endangered” Dugong species, a marine mammal also known as “sea cow” and its habitat in the Palk Bay.

THE ENDANGERED SEA COW	
	FAMILY Dugongidae, feeding only on seagrass
	➤ Each dugong consumes 30 to 40kg of seagrass a day
	➤ The closest relative of dugong is manatees and elephants
	➤ They grow up to 3m long and weigh 300kg
	➤ They live for more than 70 years but reproduction rate is extremely slow
➤ The gestation is one year and one calf is produced and it spends six years with mother	

Vijayakariskulam excavation

- ❖ Nearly 6000-year-old stones used for making jewellery and hunting tools were found during the third phase of excavation in Vijayakariskulam.
- ❖ It is located near Vembakottai in Tamil Nadu's Virudhunagar district.

- ❖ Recently discovered jasper and sard stones were typically used in making ancient jewellery.
- ❖ Over 2,800 artifacts, including gold and copper coins, broken terracotta figurines, chess pieces, glass beads and circular tokens, have been unearthed so far.



NATIONAL

Three publications of the Supreme Court

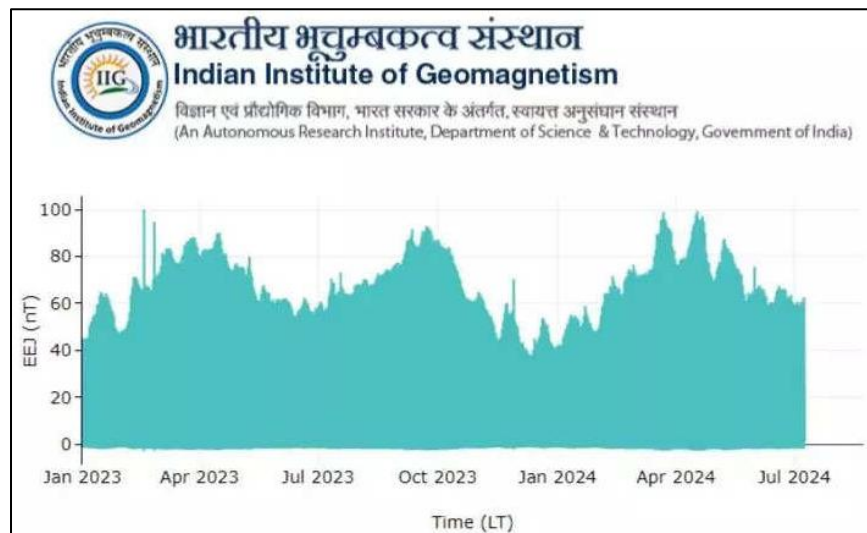


- ❖ The President Droupadi Murmu released three publications of the Supreme Court on the 75 years of the court, prisons in India and legal aid.
- ❖ The publications are titled
 - Justice for Nation: Reflections on 75 years of the Supreme Court of India
 - Prisons in India: Mapping Prison Manuals and Measures for Reformation and Decongestion and

- Legal Aid Through Law Schools: A Report on Working of Legal Aid Cells in India.

Equatorial ElectroJet - Indian Model

- ❖ Earth's geomagnetic equator passes very close to the southern tip of India.
- ❖ There is a unique and very strong current of the order of 100 kA known as Equatorial ElectroJet (EEJ).
- ❖ It flows at around 105-110 km height in the upper atmosphere.
- ❖ Due to this intense current jet, the geomagnetic field near the equator is uniquely enhanced by a few tens to a few hundreds of nano teslas (nT).
- ❖ Measuring this current intensity through the geomagnetic field enhancement provides an important understanding of the variation of ionospheric electric field.
- ❖ The Scientists from Indian Institute of Geomagnetism (IIG) Navi Mumbai, have developed an empirical model that can predict the EEJ current very accurately.
- ❖ It will help to understand the EEJ's impact on orbiting satellite, Global Navigation Satellite System (GNSS)-based navigation/positioning and other satellite communication links as well as electrical power grids.



INTERNATIONAL

The World's Oldest Offshore Oil Platform

- ❖ Neft Daslari lies deep in the Caspian Sea, around 100 kilometres off the coast of Azerbaijan's capital Baku.
- ❖ This world's oldest offshore oil platform is also known as "Oil Rocks".

- ❖ It was constructed in the late 1940s during the Soviet era.
- ❖ Neft Daslari began as a lone drilling rig later grown into an extensive network of oil wells and over 100 miles of bridges.



ENVIRONMENT

Rare Common Cat Snake – Bihar



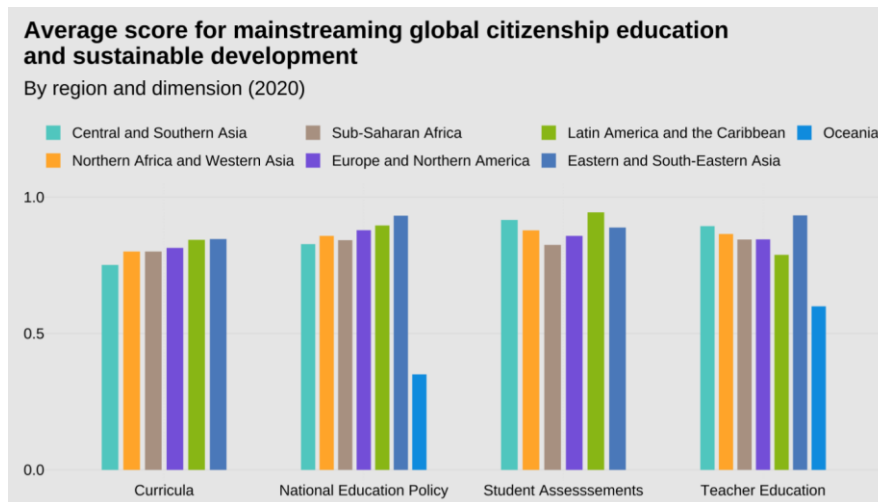
- ❖ The common cat snake, or *Boiga trigonata*, is far less venomous than other snake species and is also considered extremely rare.
- ❖ In Bihar, this elusive snake was discovered in the Valmiki Tiger Reserve, the state's only tiger reserve.
- ❖ Its eyes resemble those of a cat.

- ❖ These snakes are nocturnal, and its venom can be dangerous to creatures such as lizards, frogs, rats, and birds only.

REPORTS AND INDICES

World Education Statistics 2024

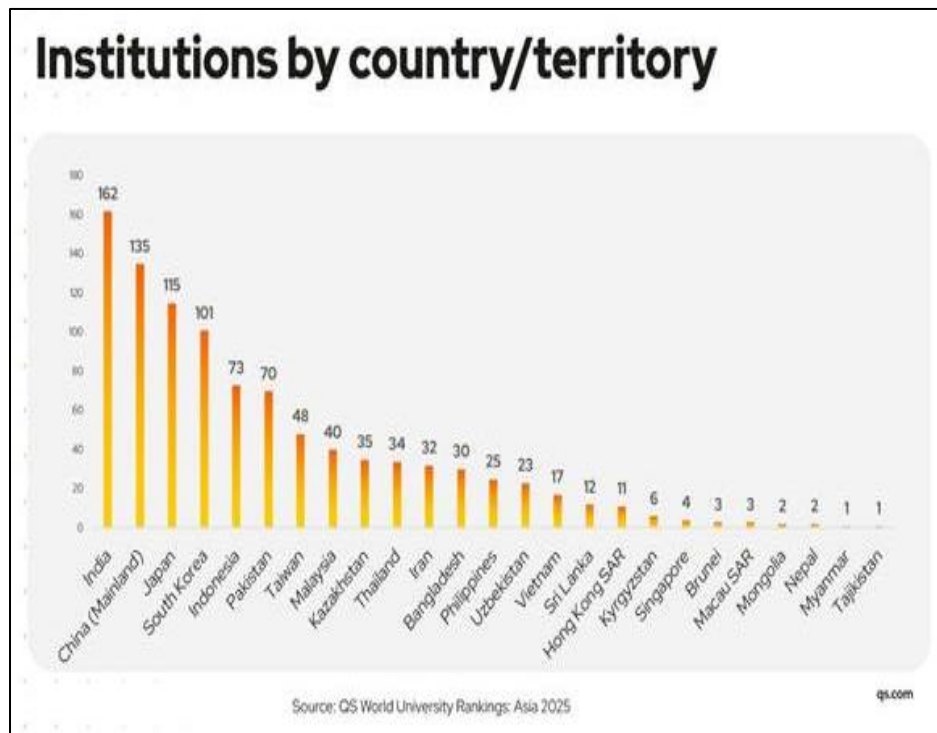
- ❖ UNESCO Institute for Statistics (UIS) released the World Education Statistics-2024.
- ❖ The world average of public expenditure on education has witnessed decline since 2010 i.e. from 13.2% (in 2010) to 12.5% (in 2020).
- ❖ South Asian countries such as Nepal and Bhutan have allocated nearly 4-6% of their GDP to education.
- ❖ India has spent nearly 4.1-4.6% of its Gross Domestic Product (GDP) on education between 2015 and 2024.
- ❖ India's government expenditure on education has fluctuated between 13.5% and 17.2% during the period between 2015 and 2024.
- ❖ India's education expenditure as percentage of GDP in 2022 among Central and Southern Asia is lower only to Bhutan (7.5%), Kazakhstan (7.2%), Maldives (4.7%), Tajikistan (5.7%) and Uzbekistan (5.2%).
- ❖ India's expenditure is higher than countries like Japan and China, compared to the entire Asia region.



QS Asia Rankings 2025

- ❖ This 16th edition includes 984 universities from 25 different higher education systems.

- ❖ India is the most represented nation with 193 institutions on the list—surpassing Mainland China's 135 and Japan's 115.
- ❖ Peking University retains the top position in Asia.
- ❖ It is followed by the University of Hong Kong and the National University of Singapore.
- ❖ IIT Delhi (44) has overtaken the IIT Bombay (48) to become India's top-ranked institution.
- ❖ IIT Madras ranks third in India in 56th position.
- ❖ India's presence in the top 100 includes six universities.



IMPORTANT DAYS

World Radiography Day 2024 – November 08

- ❖ It was commemorating the discovery of x-radiation by Wilhelm Conrad Roentgen.
- ❖ On November 8, 1895, Wilhelm Conrad Roentgen, a German physicist, discovered x-radiations.
- ❖ In 1901, Roentgen was honoured with the Nobel Prize for his discovery.
- ❖ This day recognises and honours the pivotal role of radiographers in the modern healthcare system.

- ❖ The theme for this year is 'Radiographers: Seeing the Unseen'.

World Radiography Day

8 November

World Radiography Day is a global healthcare awareness event observed on the **8th of November** every year to increase public awareness with respect to the vital role of diagnostic imaging, radiation therapy and radiographer play in healthcare management.

MISCELLANEOUS

EdelGive-Hurun India Philanthropy List 2024

Rank	Name	Donation (INR Cr)	Change %	Primary Cause	Company/Foundation
1(-)	Shiv Nadar & family	2,153	5%	Education	Shiv Nadar Foundation
2(+1)	Mukesh Ambani & family	407	8%	Admission for disadvantaged communities	Reliance Foundation
3(+3)	Bajaj family	352	33%	Education for Engineering	Bajaj Group Trust
4(-)	Kumar Mangalam Birla & family	334	17%	Education	Aditya Birla Capital Foundation
5(-)	Gautam Adani & family	330	16%	Education for remote villages	Adani Foundation
6(+2)	Nandan Nilekani	307	62%	Ecosystem Building	Nilekani Philanthropies
7*	Krishna Chivukula	228	New	Education	ASHA Foundation
8(-1)	Anil Agarwal & family	181	-25%	Education	Anil Agarwal Foundation
9(+3)	Susmita & Subroto Bagchi	179	63%	Public Healthcare	Mindtree
10(-)	Rohini Nilekani	154	-10%	Ecosystem Building	Rohini Nilekani Philanthropies

- ❖ Shiv Nadar, founder and chairman of HCL Technologies, topped in the list for the third time in five years.



- ❖ He is contributing Rs 2,153 crore in the fiscal year 2024.
- ❖ In second place on the list is Mukesh Ambani who donated Rs 407 crore.
- ❖ The Bajaj family secured third place with a donation of Rs 352 crore.
- ❖ Gautam Adani made a philanthropic contribution of Rs 330 crore, securing the fifth spot.
- ❖ 18 individuals donate more than Rs 100 crore, a remarkable increase from just 9 in 2019.

