

December - 02

TNPSC BITS

- ❖ The famous Chinara boat race 2024 was organised in J&K's Dal Lake by the Indian Army.
- ❖ The 6th meeting of ASEAN-India Trade in Goods Agreement Joint Committee held in New Delhi.

TAMIL NADU

Milk production in 2023 – Tamilnadu

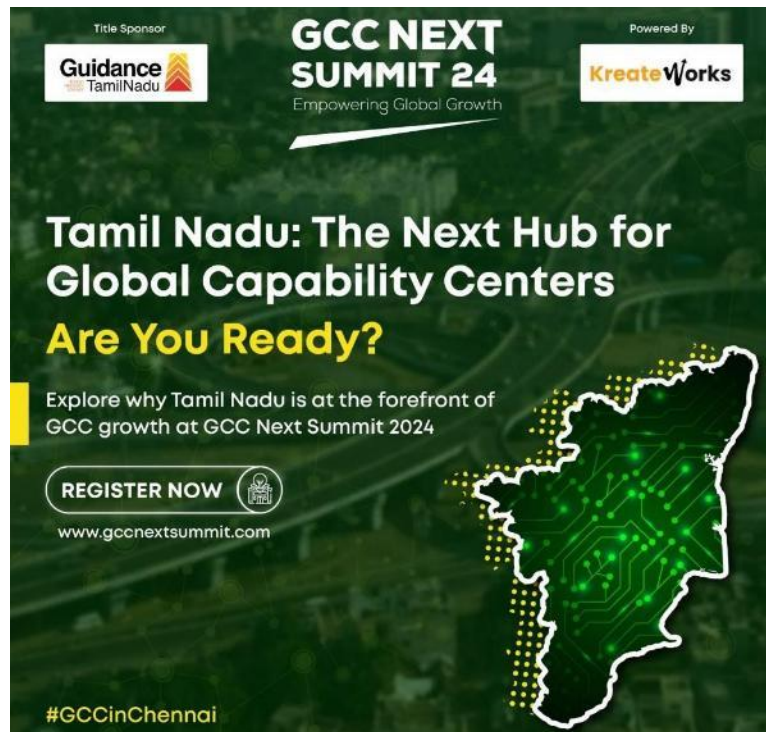


- ❖ The state's milk production has been consistently increasing, with a notable rise from 7.742 million tonnes in 2017 to 10.317 million tonnes in 2023,
- ❖ Tamil Nadu's milk production was 7.742, 8.362, 8.759 million tonnes from 2017 to 2020.
- ❖ Now it has increased to 9.790, 10.107, 10.317 million tonnes in 2021-2023, respectively.
- ❖ The per capita availability of milk was 316 grams per day in 2019-2020.
- ❖ It has increased to 369 grams in 2022-23.

GCC Next Summit 2024

- ❖ The Global Capability Centres (GCCs) Next Summit was held in Chennai.
- ❖ It was organised by Guidance Tamil Nadu and Kreateworks.

- ❖ Out of the 1,800 GCCs in India, nearly 300 are in Tamil Nadu.
- ❖ The state host about 10% of India's GCCs.
- ❖ But the state is yet to excel in terms of Global Capability Centres (GCCs).



Snakebite data in Tamil Nadu

- ❖ Snakebite is the “poor man’s disease” disproportionately affecting the country’s most vulnerable populations.
- ❖ Common krait, Indian cobra, Russell’s viper, and saw-scaled viper are collectively known as the “big four.”
- ❖ These snakes are responsible for approximately 90% of snakebite cases in India.
- ❖ Under the new regulation, all hospitals — public and private — are now required to report snakebite cases to the State health authorities.
- ❖ Till June this year, 7,300 snakebite cases were reported in Tamil Nadu and 13 people have died.
- ❖ The number was 19,795 cases with 43 deaths last year and 15,120 cases with 17 deaths in 2022.
- ❖ A study based on the Million Death Study (2001–2014) estimated that nearly 58,000 people die from snakebites each year — much higher than official figures reported by hospitals.

- ❖ Karnataka became the first State to declare snakebites a notifiable disease earlier this year
- ❖ Tamil Nadu also declared snakebite envenoming a notifiable disease under the Tamil Nadu Public Health Act of 1939.
- ❖ The Indian government introduced the National Action Plan for Prevention and Control of Snakebite Envenoming (NAPSE).
- ❖ Already WHO has launched a global strategy to control snakebite-induced deaths and disabilities.
- ❖ The national action plan aims to halve snakebite deaths by 2030 through a One Health approach.

WHAT THE NUMBERS SAY

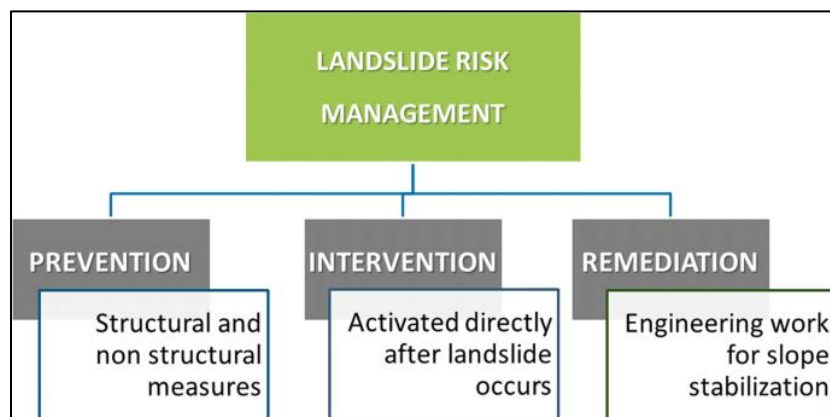
Snake bites cases and deaths from 2020 to 7 Nov 2024

Year	2020	2021	2022	2023	2024 *
Cases	21,698	7,281	15,120	19,795	13,518
Death	-	0	17	43	21

*(Till 7 Nov 2024)

NATIONAL

National Landslide Risk Mitigation project



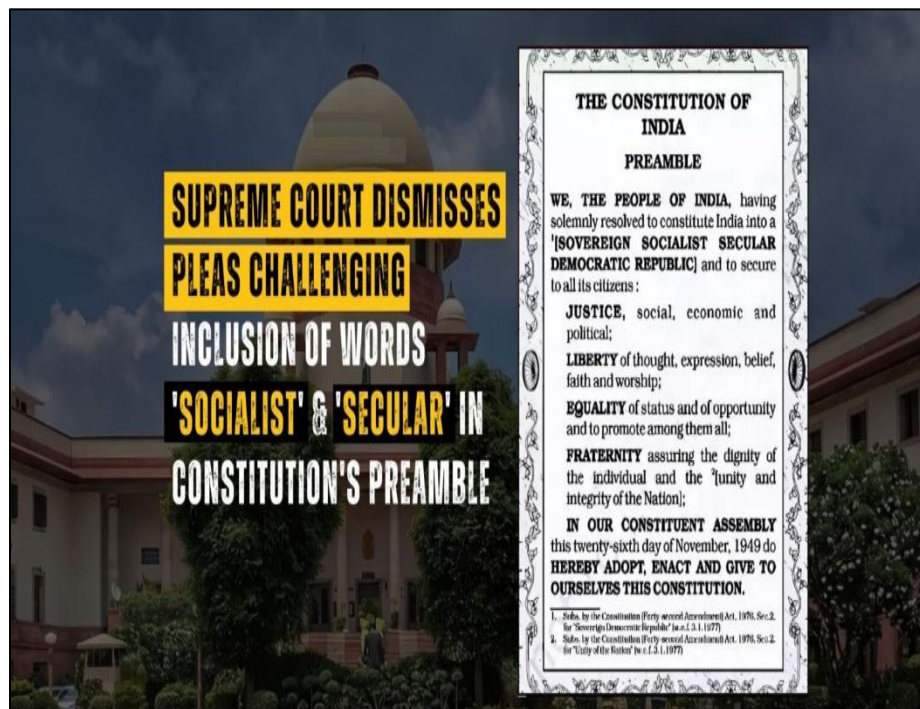
- ❖ The Centre has approved the National Landslide Risk Mitigation project in 15 States at a total cost of Rs. 1000 crore.
- ❖ The committee has approved Rs. 139 crores for Uttarakhand, Rs. 139 crores for Himachal Pradesh, Rs.378 crore for eight North East States, Rs.100 crore for

Maharashtra, Rs.72 crore Karnataka, Rs. 72 crores for Kerala, Rs.50 crore for Tamil Nadu and Rs.50 crore for West Bengal.

- ❖ It also approved Rs.1115.67 crore for disaster mitigation and capacity building projects for various states.

SC on Preamble

- ❖ The Supreme Court upheld the insertion of the words 'socialist' and 'secular' in the Preamble of the founding document.
- ❖ These words are inserted through the Constitution (Forty-Second Amendment) Act, 1976 (42nd Amendment) by Parliament during the Emergency period.
- ❖ 42nd Amendment is often referred to as a 'mini-constitution'.
- ❖ It is because of the sheer number of changes introduced, also this Amendment greatly expanded the powers of the Centre.
- ❖ In July 2020, a Supreme Court advocate by the name of Dr. Balram Singh filed a petition challenging the inclusion of the words 'socialist' and 'secular' in the Preamble of the Constitution.



National Mission on Natural Farming

- ❖ The Union Cabinet approved the launching of the National Mission on Natural Farming (NMNF) as a standalone Centrally Sponsored Scheme.


- ❖ The scheme has a total outlay of Rs.2481 crore (Government of India share – Rs.1584 crore; State share – Rs.897 crore) till the 15th Finance Commission (2025-26).
- ❖ NMNF aims at promoting NF practices for providing safe & nutritious food for all.
- ❖ The Mission is designed to support farmers to reduce input cost of cultivation and dependency to externally purchased inputs.

National Mission on Natural Farming

Cabinet approves National Mission on Natural Farming (NMNF) as a standalone Centrally Sponsored Scheme under the Ministry of Agriculture & Farmers' Welfare

Salient features

- Mission to promote natural farming in mission mode across the country
- Total outlay of **Rs.2481 crore** (Government of India share – **Rs.1584 crore** and States' share – **Rs.897 crore**)
- To be implemented in **15,000 clusters in Gram Panchayats**, which are willing, & reach **1 crore farmers** and initiate **Natural Farming in 7.5 lakh Ha area**
- Preference to be given to areas having prevalence of practising **NF farmers, SRLM / PACS / FPOs, etc**

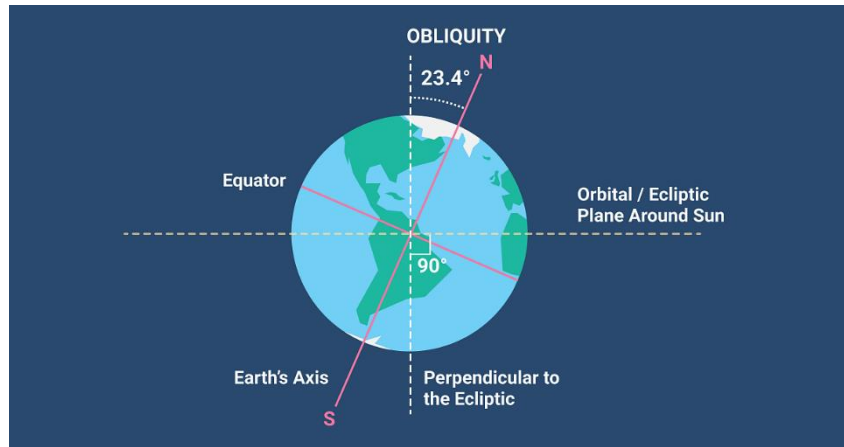


INTERNATIONAL

Changes in Tilt of Earth's Axis

- ❖ The Earth has tilted 31.5 inches east in just 17 years.
- ❖ The redistribution of groundwater has the largest impact on the drift of the rotational pole.
- ❖ It also has contributed to a sea level rise of about 0.24 inches and altered the distribution of Earth's mass

- ❖ Between 1993 and 2010, scientists estimate 2,150 gigatons of groundwater were pumped and shifted globally.
- ❖ Earth tilt is the angle between the planet's rotational axis and its orbital axis.



Operation Tamarisk

see through walls

the man from **U.N.C.L.E.**

SPY PEN

FOR REAL UNDERCOVER OPERATORS
You can now keep constant check on anything that happens all around you, regardless of walls, floors, or ceilings. SPY-PEN penetrates solid barriers, makes any wall an open door. Yes, it even lets you look DOWN into rooms beneath you. We will let your own imagination trigger all the possible uses SPY-PEN has for you.

A PRECISION INSTRUMENT
SPY-PEN was developed by the German Secret Service during World War II and is being used by Interpol Agents today. Now an even more precise and improved model is being offered the public by the man from U.N.C.L.E. SPY-PEN has three precision ground optical quality lenses, not just two like competitive models, to afford an extreme wide angle field that lets you even see objects standing by the very wall through which you are observing.

PHOTOGRAPH THROUGH WALLS
SPY-PEN lenses have such sharp delineation that you can photograph right through it, sharply recording everything in the viewed area, all four walls, floor, and ceiling. Nothing escapes SPY-PEN.

BUILT-IN SECRET DRILL
Included in the SPY-PEN'S case is a secret drill that will attach to half the case and allow you to drill holes un-noticed even by people standing by the wall being penetrated. SPY-PEN needs only the smallest peep hole to put an entire room under surveillance.

CONVERTS TO POWERFUL TELESCOPE
Only SPY-PEN lets you close in telescopically on any item of interest. No other device has both these features, wide angle secret vision and close-up inspection.

CLIPS TO YOUR POCKET
SPY-PEN looks like an ordinary fountain pen in your pocket. Even if seen it will not be suspected as the incredible instrument with such amazing powers of penetration.

COMPLETE WITH SIMPLE HOW-TO-USE INSTRUCTION BOOKLET



ORDER COUPON

Hidden Devices Dept. P.H.192
Box 47 Northridge, Calif.

Yes, I would like to order the amazing "SPY-PEN." If I'm not 100% satisfied with my "SPY-PEN" after the ten-day free trial I may return same for refund.

Please send me "SPY-PEN(S)"

I enclose cash, check or money order.
 1 For \$4 ☐ 2 For \$7 ☐ No C.O.D.'s
 3 For \$10 ☐ 6 For \$19 ☐ Please
 Please rush, I enclose extra .50c.

Name _____
 Address _____
 City _____ State _____
 Calif. residents add 4% Sales Tax

XR

- ❖ It was a Cold War-era operation.
- ❖ Operation Tamarisk involved agents from the U.S., U.K., and France.

- ❖ They got many evidences from garbage left behind by Soviet troops stationed in East Germany.
- ❖ Discarded items included food scraps, letters, military documents, and even used toilet paper.
- ❖ Intelligence agents found sensitive information scattered among trash heaps.
- ❖ In some cases, agents retrieved items from hospital waste bins, where discarded limbs provided clues about the types of shrapnel and injuries Soviet soldiers suffered, particularly from their involvement in the war in Afghanistan.
- ❖ In 1948, the U.S. pilot Gail Halvorsen dropped candy from his plane for children in Berlin during the Berlin Airlift, earning the nickname “The Candy Bomber”.

ENVIRONMENT

Rare Imperial Eagle in Kerala

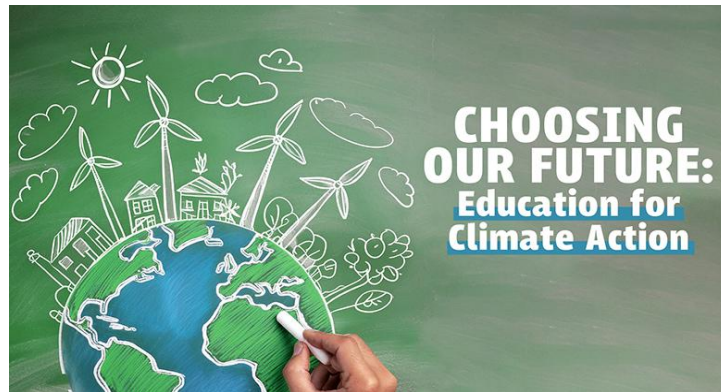
- ❖ The Birdwatchers have spotted the rare eagle, scientifically known as *Aquila heliaca*, from the kole fields.
- ❖ The Imperial Eagle was last reported in Kannur in 2003.
- ❖ It breeds in southeastern Europe, and west and central Asia.
- ❖ During the winter season, they migrate to regions in northeastern Africa, the West Asia, and parts of southeast Asia.
- ❖ IUCN lists the Imperial Eagle as a species with a potential risk of extinction.



Education for Climate Action' report

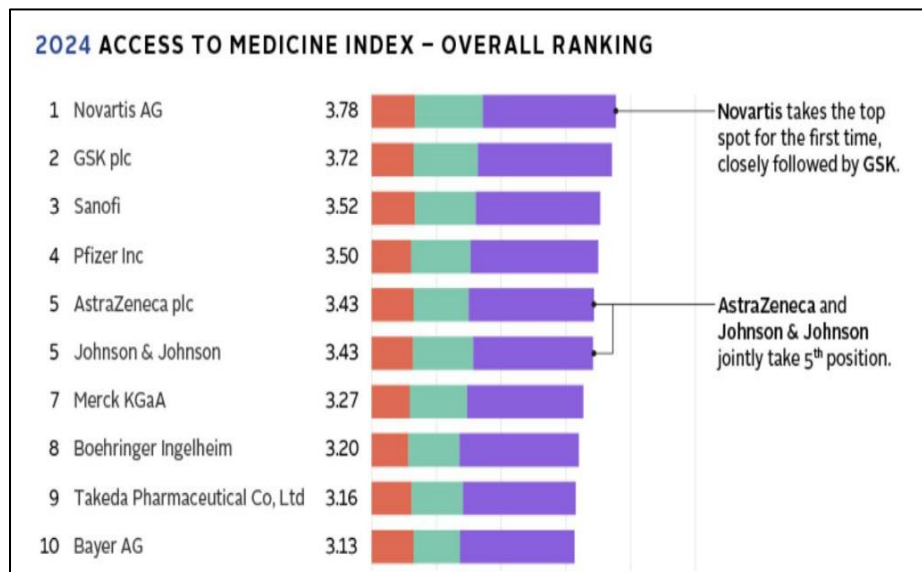
- ❖ The World Bank Group recently released the ‘Choosing Our Future: Education for Climate Action’ report.

- ❖ The Climate change induced heat and extreme weather events are significantly disrupting learning and emphasizes that education system can empower, equip, and skill young people for climate mitigation and adaptation.
- ❖ The Countries lost on average 11 days of instruction per year in affected schools due to climate-related school closures.
- ❖ The Climate change awareness is still at only about 65% in low- and middle-income countries.
- ❖ The Global green transitions would require skilled workers for an estimated 100 million new jobs.



REPORTS AND INDICES

Access To Medicine Foundation 2024 Index Report



- ❖ It is evaluating 20 leading pharmaceutical companies on their efforts to expand access to their products in low- and middle-income countries (LMIC).

- ❖ Overall industry performance has declined since the 2022 Index.
- ❖ 61 per cent of the products assessed still lacking access strategies for low-income countries, compared with 65 per cent in the 2022 Index.
- ❖ Only 43 per cent of clinical trials take place in the 113 LMICs.

MISCELLANEOUS

India's busiest airport 2024



- ❖ In the financial year of 2024, the Indira Gandhi international airport, serving the national capital region of Delhi, handled more than 73.67million passengers.
- ❖ The Kempegowda International Airport (KIA) in Bengaluru has emerged as India's third-busiest airport for international passenger traffic after Mumbai.
- ❖ It surpasses Chennai and Kochi in October 2024.
- ❖ In domestic passenger traffic, Bengaluru remains third after Delhi and Mumbai.

New Pterosaur Species - Japan

- ❖ The first pterosaur specimen was found in Japan derives from the Yezo Group in Hokkaido.
- ❖ The newly-identified species was a member of Quetzalcoatlinae, a subfamily of the pterosaur family Azhdarchidae.
- ❖ Pterosaurs were highly successful flying reptiles that lived between 210 and 65 million years ago.

- ❖ They were the Earth's first flying vertebrates, with birds and bats making their appearances much later.

