

August - 31

## TNPSC BITS

- ❖ Tamil Nadu Chief Minister laid the foundation for various projects including an ornamental fish complex of international standards at Puzhal Lake, Chennai.
- ❖ Manyachiwadi village in the Patan Taluka of Satara district has become the first 'Solar Village' in Maharashtra.
- ❖ India's indigenous 4.5 generation plus LCA Mark 2 fighter jets are scheduled to commence flights by March 2026, with mass production expected to begin by 2029.
- ❖ Delhi Indira Gandhi International Airport has become the country's first airport to get the net zero carbon emission status under the Airport Council International's accreditation programme.
- ❖ O.P. Jindal Global University (JGU) is set to launch India's first Constitution Museum, marking the 75th anniversary of the adoption of the Constitution of India.
  - The museum is named "The Constitution Academy and The Rights & Freedoms Museum".
- ❖ India annually observes the National Small Industry Day on August 30 to acknowledge the crucial role played by small-scale industries (SSIs) in the nation's economic framework.

## INTERNATIONAL

### Global Development Compact 2024



- ❖ India hosted the third edition of the Global South Summit.


- ❖ The summit was joined by 123 countries including heads of state and government of 21 nations.
- ❖ Indian Prime Minister has proposed the creation of a human-centric "Global Development Compact" for the Global South.
- ❖ It aims to facilitate trade, sharing of technologies and concessional financing based on India's growth journey.
- ❖ The 'Compact' will be in line with the priorities of developing countries even as he urged the Global South to work unitedly in confronting food and energy security crises and the challenge of terrorism and extremism.

## ECONOMY

### Credit Line On UPI

- ❖ PhonePe launched Credit Line on UPI on its platform.
- ❖ It enables consumers availing credit lines from their banks to seamlessly link them to UPI on PhonePe for merchant payments.
- ❖ It provides the flexibility of short-term credit that helps them manage their monthly expenses better.

<b>BUY NOW, PAY LATER</b>	
<ul style="list-style-type: none"><li>➤ Under a credit line, customers get a fixed credit line and pay interest to the bank only to the extent they use their credit limit</li><li>➤ With RBI allowing banks to offer credit lines through UPI, customers can make purchases without immediately seeing any funds</li></ul>	<p>outgo from their accounts</p> <ul style="list-style-type: none"><li>➤ Payments will take place at the end of a cycle and can only be made to shops, with the shopkeeper bearing the cost of credit in terms of fees</li><li>➤ Banks including Axis, HDFC, ICICI, Indian Bank and PNB are live on this product</li></ul>



## SCIENCE AND TECHNOLOGY

### Polaris Dawn Mission 2024

- ❖ SpaceX launched its Polaris Dawn mission with US billionaire Jared Isaacman and three others into space.
- ❖ The mission aims to reach an unprecedented orbital altitude for a commercial flight, potentially ascending 1,400 kilometers above Earth's surface.

- ❖ This would surpass the record set by the Gemini 11 mission and mark the highest Earth orbit flown by humans since the Apollo program.
- ❖ The mission faces unique challenges like, lack of an airlock on the Crew Dragon capsule.
- ❖ This is the company's attempt at the world's first private spacewalk.
- ❖ The 20-minute spacewalk, scheduled for the third day of the mission.
- ❖ It will take place 434 miles (700 km) above Earth.



### **mRNA Lung Cancer vaccine**



- ❖ The phase 1 trial for BNT116 is underway at 34 sites across seven countries, including the UK, US, and Germany.
- ❖ This is the world first mRNA-based lung cancer vaccine, developed by BioNTech.
- ❖ BNT116 aims to enable the immune system to target NSCLC tumour markers, attacking cancer cells while sparing healthy ones.



- ❖ Lung cancer is the top cause of cancer deaths worldwide, accounting for around 1.8 million deaths annually.
- ❖ mRNA (messenger RNA) is a molecule that contains the instructions or recipe that directs the cells to make a protein using its natural machinery.

## REPORTS AND INDICES

### 2024 Hurun India - Most Valuable family businesses

#	FAMILY NAME	VALUE
1.	Ambani Family <small>Reliance Industries</small>	₹25.75 lakh crore
2.	Bajaj Family <small>Bajaj Group</small>	₹7.13 lakh crore
3.	Kumar Mangalam Birla Family <small>Aditya Birla Group</small>	₹5.39 lakh crore
4.	Jindal Family <small>JSW Steel</small>	₹4.71 lakh crore
5.	Nadar Family <small>HCL Technologies</small>	₹4.30 lakh crore
6.	Mahindra Family <small>Mahindra &amp; Mahindra</small>	₹3.45 lakh crore
7.	Dani Family, Choksi Family, and Vakil Family <small>Asian Paints</small>	₹2.71 lakh crore
8.	Premji Family <small>Wipro</small>	₹2.57 lakh crore
9.	Rajiv Singh Family <small>DLF</small>	₹2.04 lakh crore
10.	Murugappa Family <small>Tube Investments of India</small>	₹2.02 lakh crore

- ❖ The Mukesh Ambani-led Ambani Family, with a value of Rs 25,75,100 crore topped the list.
- ❖ It is followed by Niraj Bajaj-led Bajaj Family (Rs 7,12,700 crore) and Kumar Mangalam Birla family (Rs 5,38,500 crore).
- ❖ However, the Adani-led energy conglomerate, with a value of Rs 15,44,500 crore did not feature in the top 10, as it is a first-generation family business.
- ❖ Among other first-generation families' list, Cyrus Poonawalla-led Poonawalla Family featured second with a value of Rs 2,37,100 crore.
- ❖ Divi Family and Reddy Family followed with a value of Rs 91,200 crore and Rs 88,800 crore each.

### Global Property Price Index 2024

- ❖ Mumbai is ranked second in the Knight Frank's Prime Global Cities Index.

- ❖ The city recorded an annual increase in its real estate prices at 13%.
- ❖ Mumbai and New Delhi (3<sup>rd</sup>) have recorded an annual increase in their real estate prices at 13% and 10.6% respectively.
- ❖ Bengaluru has witnessed a modest 3.7% rise.
- ❖ Globally, the capital of Philippines, Manila has topped in the Index with an increase of 26%.

Rank/City		12-month % change	3-month % change
1	PH Manila	26.0	16.4
2	IN Mumbai	13.0	2.5
3	IN Delhi	10.6	0.1
4	US Los Angeles	8.9	3.5
5	US Miami	7.1	1.8
6	KE Nairobi	6.6	2.0
7	ES Madrid	6.4	1.3
8	PT Lisbon	4.7	3.1
9	KR Seoul	4.6	5.0
10	US San Francisco	4.5	4.7

## STATES

### Grazing Corridors Demand of Dhangars

#### WHO ARE THE DHANGARS?

The ST population in Maharashtra was estimated at around 9.35 per cent in the 2011 census, comprising 48 tribes like Bhils, Gonds, Mahadeo Kolis, Pawras, Thakars and Warlis. The Katkaris, Kolams and Madia Gonds are classified as 'primitive tribal groups'

↳ The Dhangars claim to be the descendants of the original pastoral inhabitants of Maharashtra

↳ According to British administrator R.E. Enthoven whose *The Tribes and Castes of Bombay* formed a part of the Ethnographic Survey of India, the Dhangars in the Deccan and Konkan lost their original tribal signification

and came to denote a heterogeneous group of distinct races who were sheep-rearers

↳ King Chhatrapati Shahu of Kolhapur, a Maratha, married his cousin to Yashwantrao Holkar, the crown prince of Indore. The Holkars were Dhangars by caste

↳ Shahu's religious advisor Gundopant Pishwkar (Dhar-

madhikari), however, wrote to him that he had examined a genealogy of the Holkars, which claimed that they were Rathod Kshatriyas. The marriage took place in 1924

↳ The Maharashtra government in May approved a demand to rename Ahmednagar district as Ahilyanagar after warrior-queen Ahilyadevi Holkar of Indore

- ❖ The Dhangar community is a pastoral and nomadic tribal group in Maharashtra.
- ❖ They have intensified their efforts to reclaim traditional grazing lands due the shrinking spaces for their sheep and goats.

- ❖ They are renowned for their migratory shepherding practices and traditionally traverse vast distances to ensure the sustenance of their flocks.
- ❖ Much of their grazing land was lost in 1996 after the state government declared Dnyanganga wildlife sanctuary.
- ❖ The community seeks defined grazing corridors under the Forest Rights Act of 2006.

## **PERSONALITIES, AWARDS, AND EVENTS**

### **National Geoscience Awards – 2023**

- ❖ The National Geoscience Awards (NGA) are prestigious awards instituted by the Ministry of Mines.
- ❖ It aims to recognize and celebrate extraordinary achievements and contributions in the field of geosciences.
- ❖ The awards for 2023 presented to 21 Geoscientists by the President of India.
- ❖ It consists of 12 awards which include 9 individual awards and 3 team awards.
- ❖ The National Geoscience Award for Lifetime Achievement 2023 was bestowed upon Prof. Dhiraj Mohan Banerjee.
- ❖ National Young Geoscientist Award 2023 was presented to Dr. Ashutosh Pandey.



### **Policy Makers' Forum' Summit**

- ❖ The First Policy Makers' Forum was held in New Delhi.

- ❖ During the event, the Indian Pharmacopoeia Online Portal and the Adverse Drug Reaction Monitoring System (ADRMS) software were released.
- ❖ They aim to digitize healthcare standards and improve the safety of medicines.
- ❖ Pharmacopoeia Portal is a new digital resource that makes drug standards easier to access for everyone, both in India and worldwide.
- ❖ The ADRMS will help to keep track of any problems people might have with medicines and medical devices.
- ❖ It's the first system of its kind in the country and allows both regular people and healthcare workers to report issues directly.

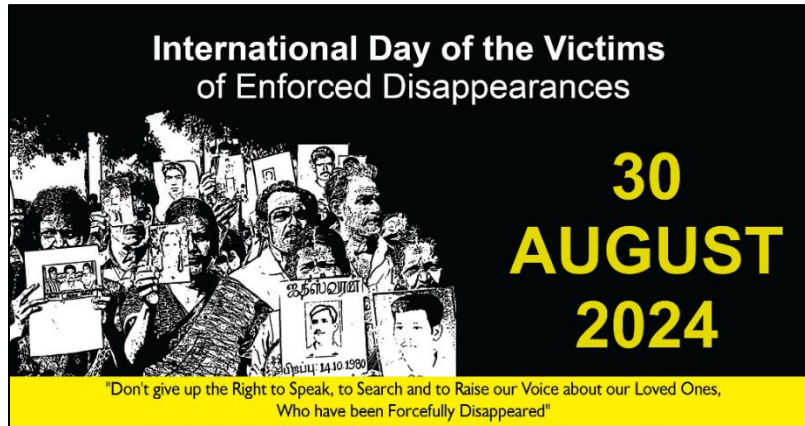


## **IMPORTANT DAYS**

### **International Day of the victims of Enforced disappearance 2024 - August 30**

- ❖ It draws attention to the fate of individuals imprisoned at places and under poor conditions unknown to their relatives and/or legal representatives.
- ❖ The International Convention for the Protection of All Persons from Enforced Disappearance was adopted by the UN General Assembly in 2006.

- ❖ By the end of 2023, more than 239,700 missing persons were registered by the Family Links Network.



### **World Water Week - August 25/29**



- ❖ It aims to be an inclusive, cooperation for people who want to use water as a tool to change the world and promote opportunities for effective water cooperation.
- ❖ It is organized every year since 1991 by Stockholm International Water Institute (SIWI).
- ❖ The theme for 2024 is 'Bridging Borders: Water for a Peaceful and Sustainable Future'.

## **MISCELLANEOUS**

### **Biggest diamond in over a century**

- ❖ The largest diamond found in more than a century has been unearthed at a mine in Botswana.
- ❖ The huge 2,492-carat diamond is the second-biggest ever discovered in a mine.
- ❖ It is the biggest diamond found since 1905.



- ❖ Botswana is the second-biggest producer of natural diamonds behind Russia.

