

# Daily Current Affairs

 Date : 16 October, 2025



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## RAJASTHAN



### Viksit Rajasthan@2047: Vision Document



#### Why in News?

- Union Home and Cooperation Minister Amit Shah released the "Viksit Rajasthan@2047" vision document on October 13, 2025.



#### Key Points:

- This vision document is in line with the vision of making India a developed nation by the year 2047.
- It is noteworthy that the Rajasthan Cabinet approved the "Viksit Rajasthan@2047" vision document for economic prosperity, sustainable development, and inclusive progress on August 23, 2025.
- **Four Pillars of Inclusive Development:** This vision document of the Rajasthan Government is based on four key themes and 13 sectors.

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| S. No. | Key Theme                                                      | Dimensions                                                                                               |
|--------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1.     | Public Welfare and Social Empowerment                          | Agriculture-food systems, health, education, social inclusion.                                           |
| 2.     | Accelerated Development, Prosperity, and Employment Generation | Development of new opportunities in industrial, mining, and tourism sectors.                             |
| 3.     | Future-Oriented Rajasthan                                      | Basic infrastructure, water security, environmental sustainability, climate resilience.                  |
| 4.     | Enabling Policy, Finance, and Governance                       | Rural and urban development, effective governance, digital services, strengthening financial management. |

## Vision Document Goals:

- **Economic Growth:** To make Rajasthan a \$350 billion economy by 2030 and a \$4.3 trillion economy by 2047. To increase exports five times its current level.
- **Agricultural Productivity:** To increase agricultural productivity by 40 percent by 2047 through climate-resilient and technology-based farming.
- **Health:** To achieve universal health access, reduce maternal mortality to 15 per 100,000 live births, reduce infant mortality to less than 10 per 1,000 live births, and increase life expectancy to 77 years.
- **Educational Development:** To develop an education and knowledge-based economy, implement a skill-based education system, establish computer-equipped smart schools, and achieve 100% school enrollment by 2047.

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- **Women Empowerment:** To increase women's workforce participation to more than 60 percent.
- **Energy:** To make the state self-reliant in the energy sector and increase renewable energy production from 33 gigawatts to 290 gigawatts.

## Implementation:

- This vision document has been prepared by the Rajasthan Institute for Transformation and Innovation (RITI) in accordance with the guidelines of NITI Aayog.
- **State-Level Steering Committee:** Chaired by the Chief Secretary of Rajasthan.
- Nodal departments have been designated, dividing 45 departments into 13 sectors, and Project Management Units (PMUs) have also been established at the departmental level.

## Facts for Prelims:

### India's Goals for a Developed India @ 2047:

- **Economic Development:** To achieve a sustained GDP growth rate of 7-8 percent annually.
- **Social Equity:** To eradicate poverty, ensure universal healthcare, and provide quality education.
- **Global Competitiveness:** To position India among the top three global economies.
- **Environmental Sustainability:** To achieve net-zero emissions by 2070 and adopt renewable energy.
- **Industrial Modernization:** To promote manufacturing to contribute 25 percent to GDP under Make in India.

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## Organic Food Market and Agricultural Knowledge Stream 2.0



### Why in News?

- Recently, the 'Organic Food Market' was inaugurated by Agriculture and Horticulture Minister Dr. Kirodi Lal Meena at the State Institute of Agricultural Management Institute, Durgapura (Jaipur).



### Key Points:

- This is the first organic food market in the state established by the Rajasthan government.
- In this market, the government will provide coarse grains, including organic wheat, pulses, fruits, vegetables, milk, yogurt, ghee, oil, and spices to the public.
- Related Department:** Department of Agricultural Marketing, Rajasthan.
- Objective:** To connect organic farming producers in the state with consumers and provide certified organic products to consumers.
- An organic food market is a market where food products grown without the use of chemical fertilizers, pesticides, or other artificial substances are sold.

### Other important points:

- Krishi Gyan Dhara 2.0:** The state government is implementing the Krishi Gyan Dhara 2.0 program to disseminate and promote agricultural technical information and departmental schemes using modern information technology and social media.
- To make the Krishi Gyan Dhara program more interactive and effective, the Krishi Gyan Dhara 2.0 version was launched as a pilot project in March 2025. It will be officially launched on October 16, 2025.

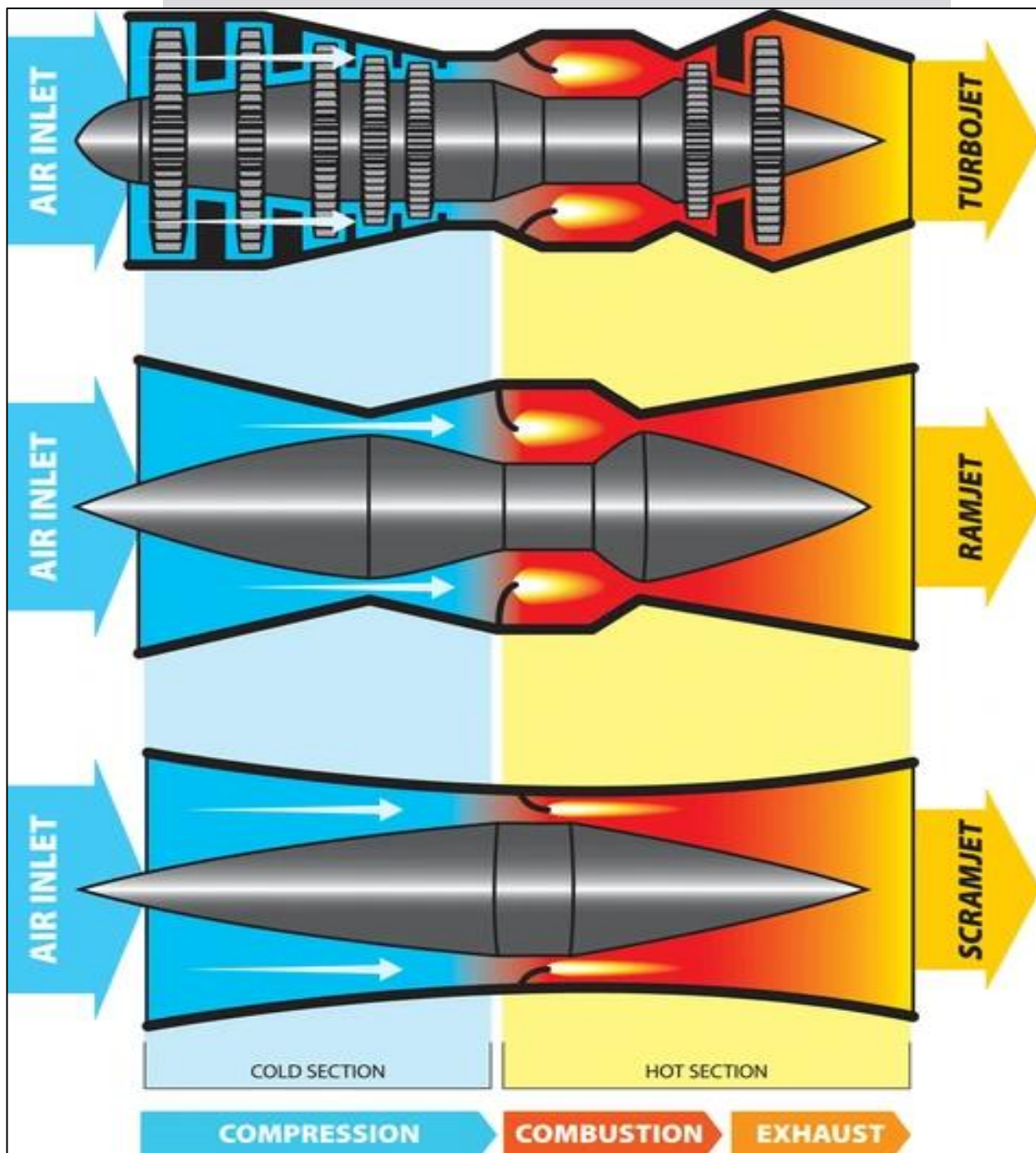
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## IIT Jodhpur develops 'Scramjet Engine'



### Why in News?

- Recently, the Indian Institute of Technology (IIT) Jodhpur developed a 'Scramjet Engine' and the technology to bring a rocket back to its launch pad from space.



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## Key Points:

- This breakthrough was achieved by the Institute's Department of Mechanical Engineering under the leadership of Associate Professor Dr. Arun Kumar.

## Scramjet Engine:

- A scramjet is an advanced version of a ramjet engine that can operate efficiently at hypersonic speeds.
- It operates at hypersonic speeds and allows for supersonic combustion. Therefore, it is known as a supersonic combustion ramjet or scramjet.
- A scramjet engine uses hydrogen as fuel and atmospheric oxygen as an oxidizer.
- Ramjet-powered vehicles operate at speeds ranging from approximately Mach 3 to 6 while Scramjet vehicles can operate at speeds up to Mach 15.

## Other important points:

- **Industry 4.0 Centre of Excellence:** IHub Drishti Foundation (IIT Jodhpur) will establish a Centre of Excellence for Industry 4.0 Technologies in collaboration with SMC India.
- **Anand Rathi Tinkering Lab (ARTL):** Recently, a state-of-the-art Anand Rathi Tinkering Lab (ARTL) has been established at IIT Jodhpur.
- **Professor Dr. Yogeshwar Nath Mishra:** Honored at the Zee Gulf Green Summit and Awards 2025 held in Dubai for his work in laser diagnostics for clean combustion.



## NEWS IN SHORTS ⚡

| S. No. | News                                                                                                                                                                                                                                                                                                                                                  |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | <p><b>Mansukh Ranwan Memorial Garden</b></p> <ul style="list-style-type: none"><li>Recently, Sanjay Sharma, Minister of Forest and Environment and Minister in Charge of Sikar District, inaugurated the Mansukh Ranwan Memorial Garden dedicated to educationist Mansukh Ranwan at the Government Science College, Sabalpura (Sikar).</li></ul>      |
| 2.     | <p><b>1st Archery Premier League</b></p> <ul style="list-style-type: none"><li>Recently, Rajasthan's Rajputana Royals team won the 1st Archery Premier League (APL) title by defeating Prithviraj Yoddha in a shoot-off.</li></ul>                                                                                                                    |
| 3.     | <p><b>Ironman Spain 2025 Challenge Contest</b></p> <ul style="list-style-type: none"><li>Abhin Luhadia from Jaipur recently completed the Ironman Spain 2025 Challenge Contest held in Barcelona, Spain.</li><li>In this contest, he completed three different stages: a 3.86 km sea swim, a 180.2 km cycle, and a 42.195 km full marathon.</li></ul> |
| 4.     | <p><b>Krishna Verma: Gold Medal at Indo-Nepal Youth Championship</b></p> <ul style="list-style-type: none"><li>Recently, Krishna Verma of Sikar won the gold medal in the 60 kg category in the boxing event of the Indo-Nepal Youth Championship held in Pokhara, Nepal.</li><li>He faced Pathaonk of Bangkok in the final.</li></ul>                |

5.

## **Rajasthan Kesari Wrestling Dangal**

- Held in Kota.
- For the first time, freestyle, Greco-Roman, and women's wrestling were held simultaneously.
- Players who win the Rajasthan Kesari title will receive a monthly pension of ₹10,000.

6.

## **Advika Sharma**

- Advika Sharma of Bhilwara won two gold and one bronze medals at the Yonex-Sunrise Rajasthan State Sub-Junior Under-15 Badminton Championship held in Jodhpur.
- Advika will represent Rajasthan in the national competition to be held in Bhubaneswar from December 1 to 6, 2025.

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CIVIL SERVICES



### Codex Committee on Spices and Culinary Herbs (CCSCH)



#### Why in News?

- Recently, the eighth session of the Codex Committee on Spices and Culinary Herbs began in Guwahati.



#### Key Points:

- It is a subsidiary committee of the Codex Alimentarius Commission (CAC). Its objective is to develop standards for spices and food-related herbs in line with globally accepted standards.
- It is part of the joint FAO/WHO Food Standards Programme.
- The Committee was established in July 2013 at the 36th meeting of the Codex Alimentarius Commission in Rome.
- India is the host country of this Committee. Its secretariat is managed by the Spices Board in Kochi.



## INTERNATIONAL



### India-Mongolia Diplomatic Relations



#### Why in News?

- India-Mongolia celebrated 70 years since the establishment of diplomatic relations. The two countries also celebrated the 10th anniversary of their strategic partnership. Several important Memorandums of Understanding (MoUs) were signed during the Mongolian President's visit to India.



#### Key Points:

##### Key Agreements Signed



- Development Cooperation:** Both countries reiterated their commitment to the Mongol Oil Refinery Project. This project is being implemented with a US\$1.7 billion line of credit from India.
- Cultural Relations:** A Memorandum of Understanding was signed between the Ladakh Autonomous Hill Development Council and Mongolia's Arkhangai Province.

- **Spiritual Cooperation:** India will send sacred relics of Sariputra and Maudgalyayana, two disciples of Lord Buddha, to Mongolia. It will also assist in digitizing Mongolia's 1 million ancient Buddhist manuscripts. India will also establish spiritual ties between Nalanda University and Gandan Monastery.

- **Other:**

- Providing free e-Visas to Mongolian citizens.
- Enhancing trade through the capabilities of ports in third countries.
- Strengthening cooperation in the uranium supply chain and critical minerals.

## Importance of Mongolia for India

- **Strategic Importance:** Mongolia's strategic location is crucial for India in enhancing regional stability and geopolitical balance.
- **International and Development Cooperation:** Both countries are committed to a free, open, and rules-based Indo-Pacific, as well as cooperation in multilateral forums.
- **Energy and Economic Partnership:** Mongolia has vast reserves of coking coal, which could prove useful for India's steel industry.

## India-Mongolia Relations

- **Bilateral Relations:** Diplomatic relations were established in 1955. A strategic partnership was established in 2015.
- **Economic Relations:** Total bilateral trade stood at US\$110.8 million.
- **Military cooperation:** Military exercises – Nomadic Elephant and Khan Quest.



## ECONOMIC SCENARIO

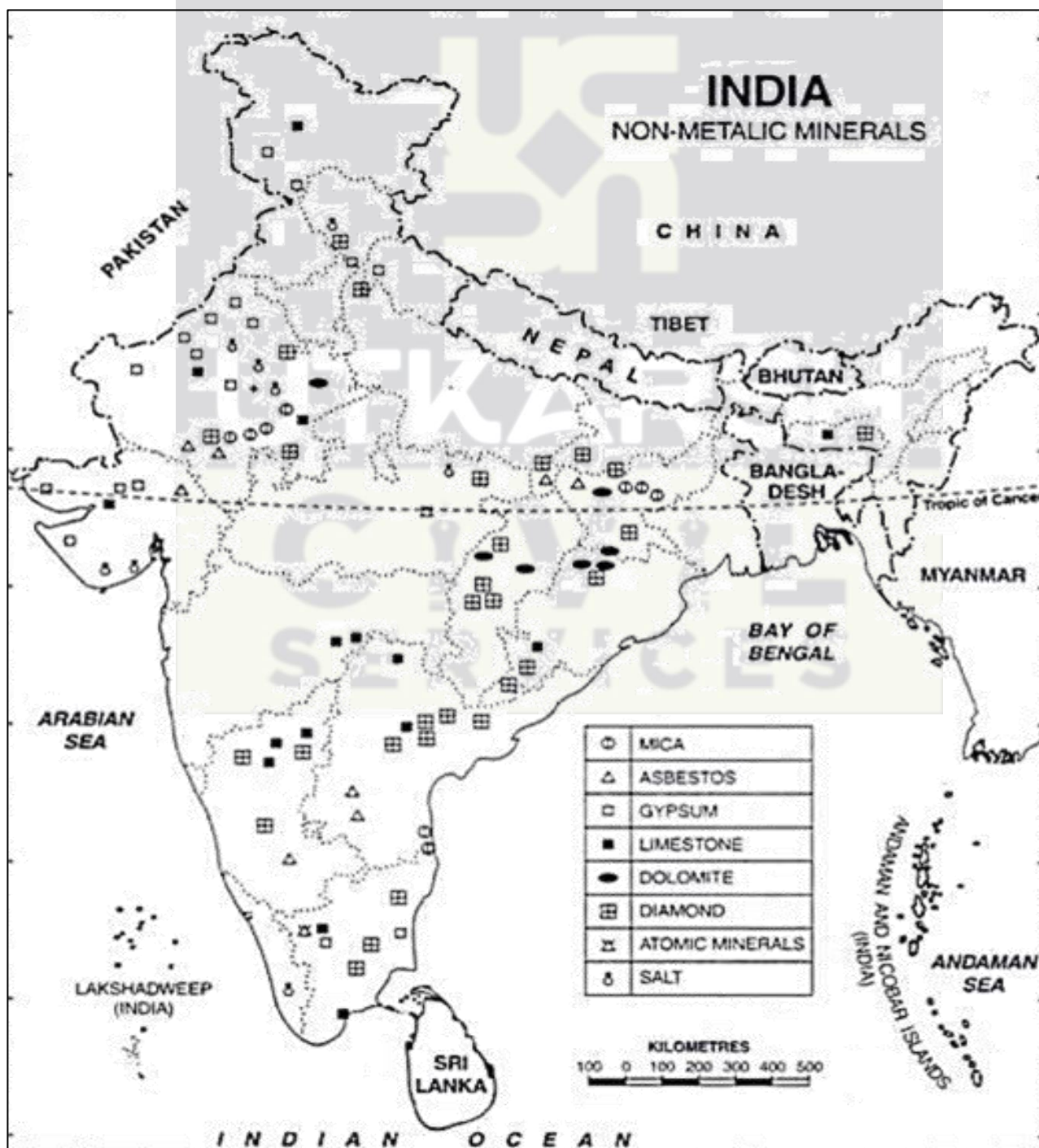


### Major and Minor Minerals



#### Why in News?

- The Union Ministry of Mines classified limestone as a major mineral.

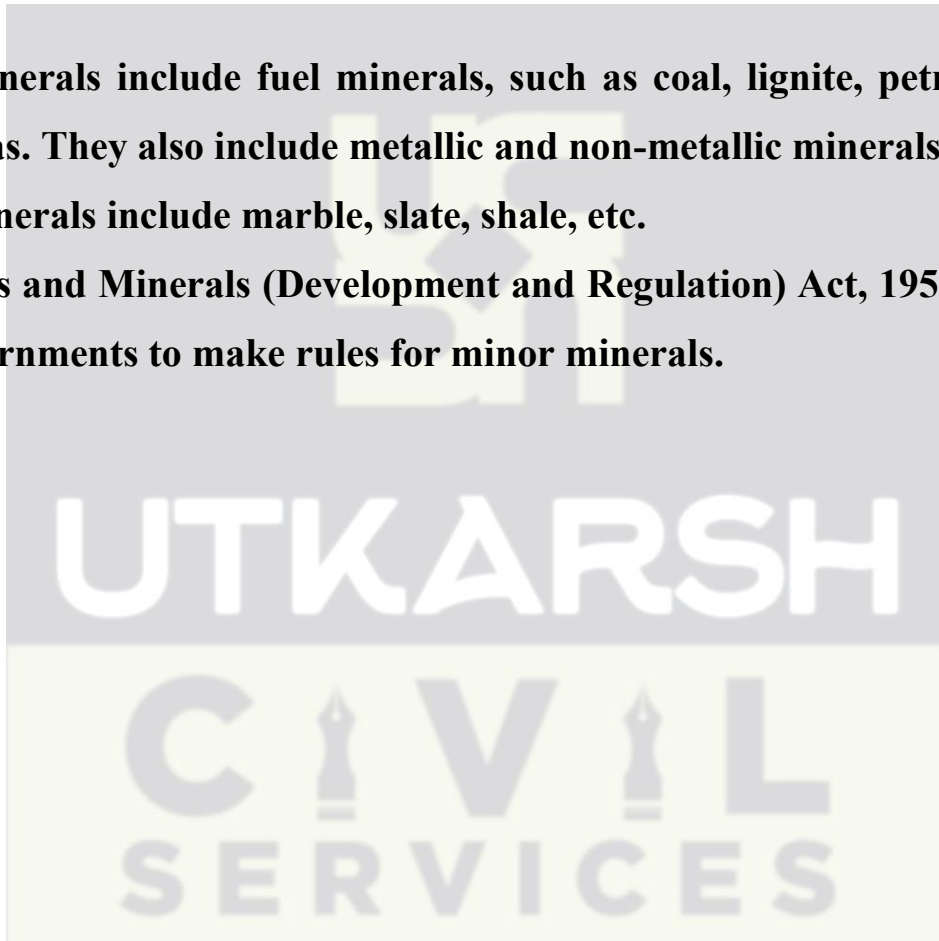




## Key Points:

### Major and Minor Minerals:

- Under the Mines and Minerals (Development and Regulation) Act, 1957, minerals are broadly divided into two categories: major minerals and minor minerals.
- Major minerals include fuel minerals, such as coal, lignite, petroleum, and natural gas. They also include metallic and non-metallic minerals.
- Minor minerals include marble, slate, shale, etc.
- The Mines and Minerals (Development and Regulation) Act, 1957 empowers state governments to make rules for minor minerals.





## INDEXES AND REPORTS

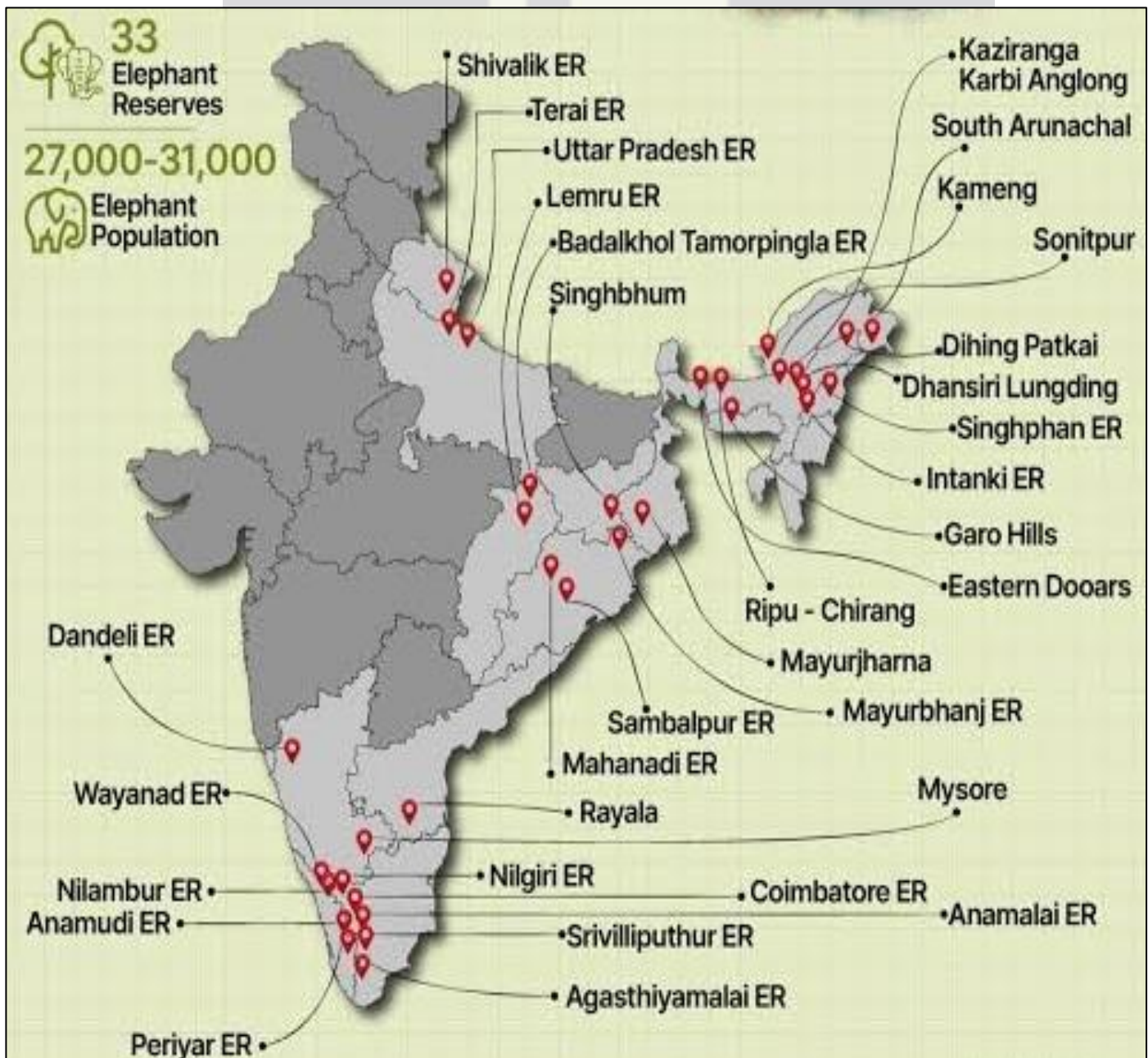


### Status of Elephants in India



#### Why in News?

- The Status of Elephants in India, DNA-based Synchronous All India Population Estimates (SAIEE) 2021-25 report was released.





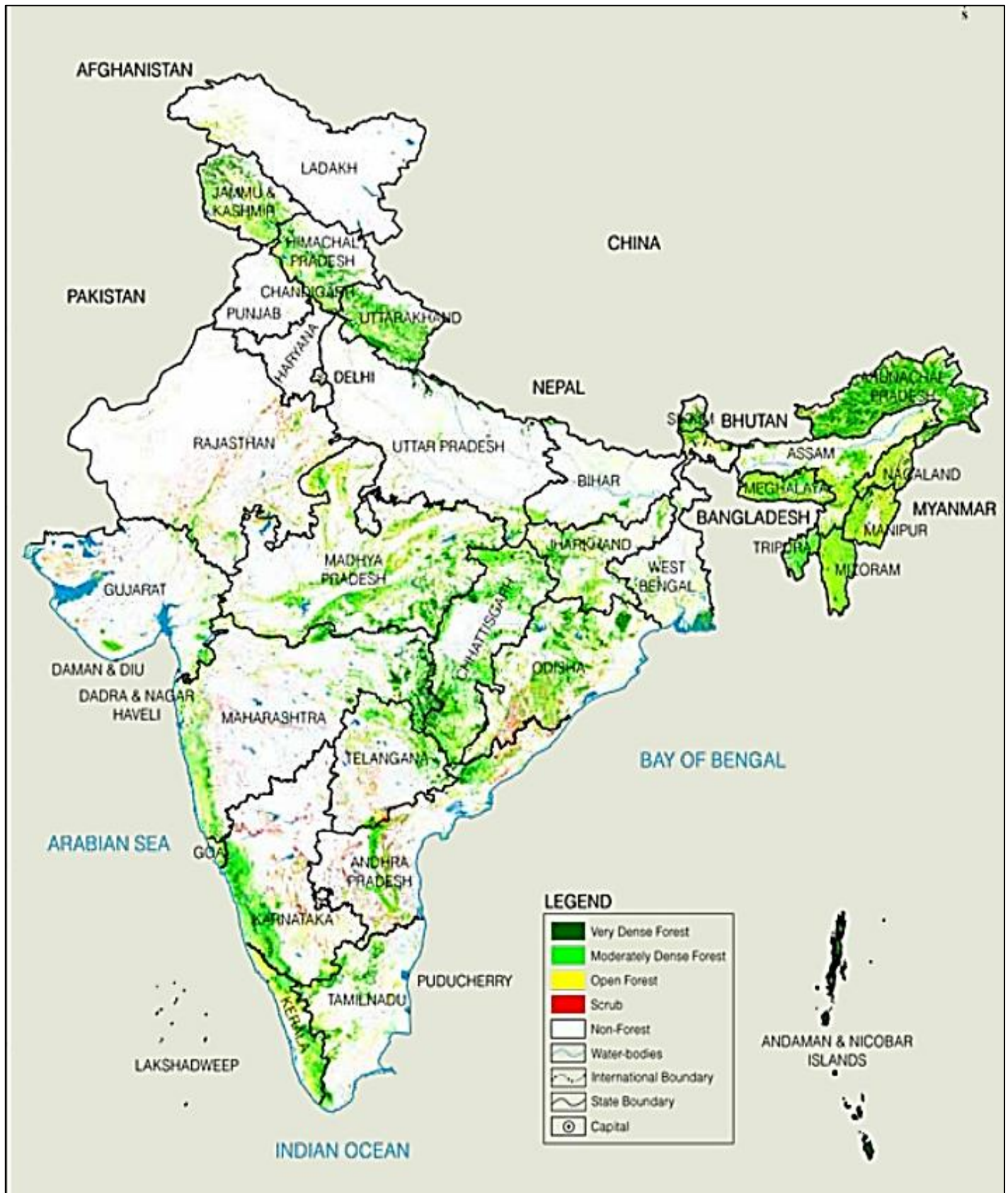
## Key Points:

- SAIEE is the first DNA-based census of elephants in India. This census was conducted by the Wildlife Institute of India under the aegis of Project Elephant of the Ministry of Environment, Forest and Climate Change.
- According to this, the total population of Asian elephants is 22,446. India has the highest number of Asian elephants living in forests, accounting for approximately 60% of the global population.
- Among the states, Karnataka has the highest number of Asian elephants, followed by Assam, Tamil Nadu, and Kerala.
- **Recommendations:** Recommendations include strengthening forest corridors and connectivity, habitat restoration, necessary improvements in conservation strategies, and mitigation of development projects.

## Asian Elephant

- It is the largest land mammal on the Asian continent. It is found in dry to humid forests and grasslands across 13 countries.
- It lives in groups with complex social structures, led by the oldest female elephant.
- It has the longest gestation period of any mammal, at 22 months.
- **Conservation status:**
  - o **IUCN Red List:** Endangered.
  - o **Wildlife Protection Act 1972:** Listed in Schedule I.
  - o **CITES:** Listed in Appendix I.

## Forest Declaration Assessment 2025 Report



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## Key Points:

- This report was released by Forest Declaration Assessment.
- **Deforestation Rate:** 8.1 million hectares of forest were lost in 2024, which is 63% higher than the level required to achieve the goal of halving deforestation by 2030.
- **Flaws in Financial Flows:** The ratio between harmful subsidies and green subsidies is 200:1. This reflects the extremely low amount of green subsidies compared to harmful subsidies.

## Main Causes of Deforestation

- **Sustainable Agriculture:** Cultivation of oil palm, cocoa, horticulture, nuts, rubber, seasonal crops, and pastureland has been found to be responsible for approximately 86% of deforestation.
- **Mining Sector:** Globally, approximately 77% of mines are located in less than 50 km from Key Biodiversity Areas (KBAs).
- **Environmental crime:** Illegal deforestation and timber smuggling generate approximately \$281 billion in illicit income annually.

## Forest Restoration Targets

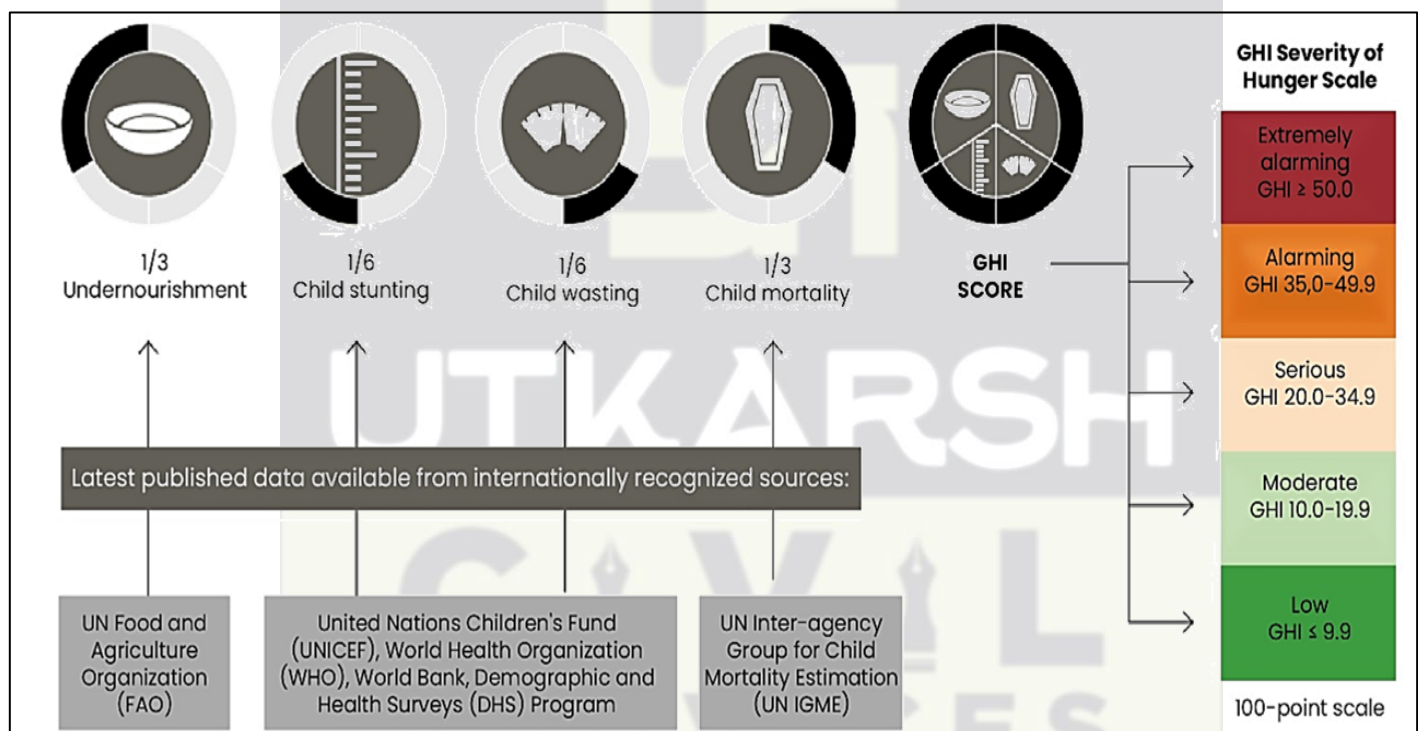
- **Bonn Challenge:** To restore 150 million hectares of degraded and deforested land by 2020 and 350 million hectares by 2030.
- India has pledged to restore 26 million hectares by 2030.
- **Target 2 of the Kunming-Montreal Global Biodiversity Framework (KM-GBF) (2022):** This includes effectively restoring at least 30% of degraded terrestrial, inland water, and coastal and marine ecosystems by 2030.

## The 2025 Global Hunger Index (GHI) Report: 20 Years of Tracking Progress: Time to Recommit to Zero Hunger



### Why in News?

- This report is published by Concern Worldwide, the German agency Welthungerhilfe, and the Institute for International Law of Peace and Armed Conflict (IFHV).



### Key Points:

- Global Hunger Index score has declined significantly since 2016. This halt in progress makes achieving the goal of zero hunger by 2030 difficult.
- India ranks 102nd out of 123 countries on the index. India's GHI score is 25.8, which is classified as 'serious'.

### Factors contributing to hunger:

- Conflict
- Climate change and environmental shocks destroying food systems

- Economic instability, including inflation and currency devaluation
- Decreased humanitarian official development assistance
- Income inequality, etc.

## Global Hunger Index

- It measures and tracks hunger at the global, regional, and national levels.
- The GHI score ranges from 0 to 100, with 0 being the best possible score (zero hunger) and 100 being the worst (extreme hunger).

## Four Indicators of GHI

- **Undernutrition:** Inadequate calorie intake.
- **Child stunting:** Children under 5 years of age who are underweight for their age.
- **Child wasting:** Children under 5 years of age who are underweight for their height.
- **Infant mortality rate:** Related to Children who die before their fifth birthday.

## World Economic Outlook Report



### Why in News?

- According to the IMF's World Economic Outlook report, India's GDP growth rate for 2025-26 will be 6.6%. It was previously estimated at 6.4%.



### Key Points:

- According to the report, India's growth rate will be 6.2% in 2026-27.
- Global economic growth is projected to decline from 3.3% in 2024 to 3.2% in 2025 and 3.1% in 2026.
- **Issuer:** International Monetary Fund (IMF)
- **Purpose:** This report provides analysis and projections of the world economy for the near and medium term.
- This report is typically released twice a year, with updates issued in between.





## IMPORTANT PORTALS AND APPS



### Legal Information Management and Briefing System (LIMBS)



#### Why in News?

- The Union Ministry of Law and Justice launched the Live Cases Dashboard under the Legal Information Management and Briefing System (LIMBS).



#### Key Points:

- This dashboard will provide real-time data visualization of cases filed in courts. This will ensure speedy decision-making and better coordination between various ministries.
- LIMBS is a web-based case monitoring system.
- It is an online tool through which cases filed in courts can be monitored at any time in a transparent, effective, and proactive manner until their disposal.



## NEWS IN SHORTS ⚡

| S. No. | News                                                                                                                                                                                                                                                                                                                                |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | <p><b>Operation Chakra V</b></p>                                                                                                                                                                                                                 |
|        | <ul style="list-style-type: none"><li>■ Recently, the Central Bureau of Investigation (CBI) conducted searches in Tamil Nadu, Kerala, and Karnataka under Operation Chakra V.</li><li>■ <b>Objective:</b> To combat cybercriminals and protect citizens from digital exploitation, both domestically and internationally.</li></ul> |