

# Daily Current Affairs

Date : 03 July, 2025



**CIVIL**  
SERVICES

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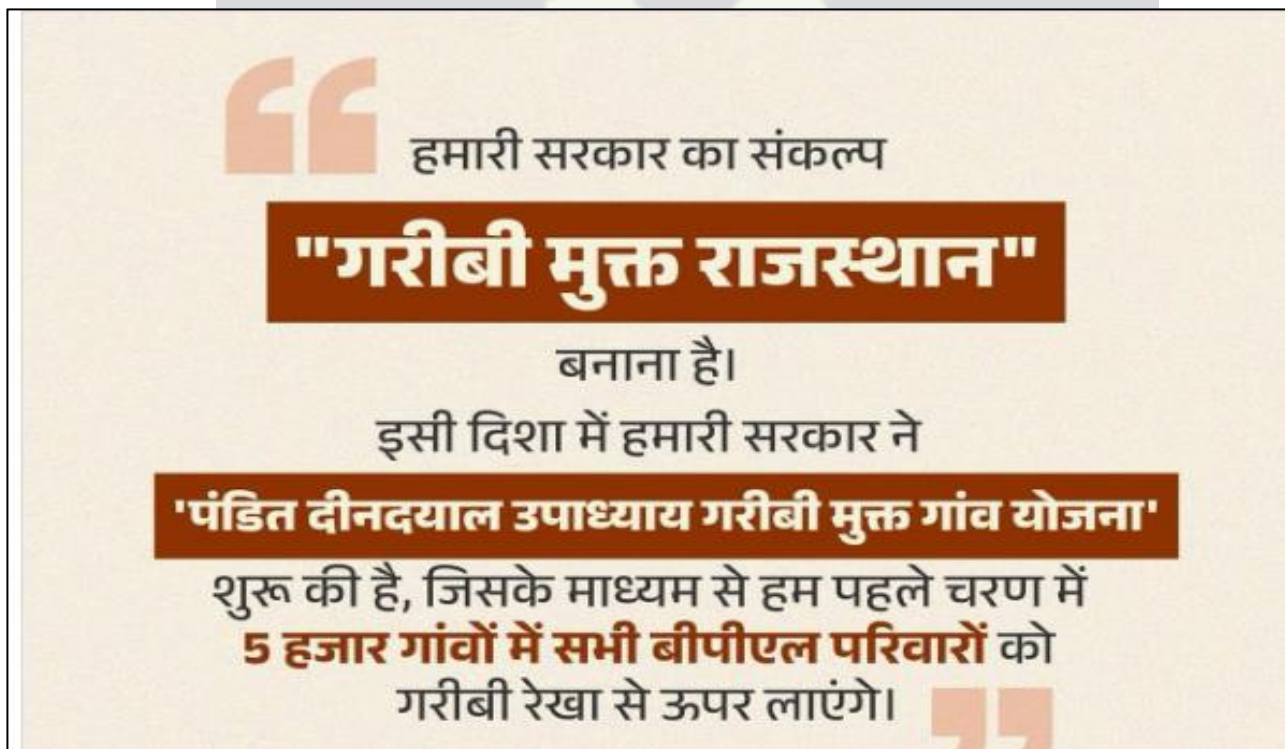
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## Rajasthan

### Pandit Deendayal Upadhyaya Garibi Mukht Gaon Yojana

#### ➔ Why in News?

- Recently, 5,000 villages have been selected in the first phase under the 'Pandit Deendayal Upadhyaya Garibi Mukht Gaon Yojana' by the Rajasthan State Government.



#### ➔ Main Point

- **Aim of the scheme:** To economically empower the BPL (Below Poverty Line) rural families of the state and bring them above the poverty line.
- **Objective of the scheme:** To improve the living standards of the families identified as per the BPL Census 2002 and make them self-reliant.

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- **Expansion:** This scheme will be implemented in all the rural areas of the state.
- **First Phase:** In the first phase of the scheme, a total of 30,631 BPL families have been identified in 5002 villages of the state.

## Main provisions of the scheme:

- A provision of ₹300 crore has been made to provide financial support to the BPL families of the selected 5000 villages.
- Under this scheme, special financial awards will be given as incentives to the districts doing excellent work.
- The districts securing first, second and third positions on the basis of quarterly ranking will be given an amount of ₹50 lakh, ₹35 lakh and ₹25 lakh respectively.
- The state government will give an incentive amount of ₹21 thousand as a mark of respect to the families who come above the poverty line through their own efforts. Along with this, the state government will also provide 'Aatmanirbhar Parivar Card' to these families as an incentive.

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## Rajasthan ranks first in major mineral block auction

### ➔ Why in News?

- Recently, the Rajasthan government started the process of e-auction of 12 blocks of major minerals including lead, zinc, iron ore, limestone, fluorite and copper in the state.



- It is worth noting that in the financial year 2024-25, Rajasthan topped the country with the auction of the maximum 34 major mineral blocks.

### ➔ Main Point

- Out of these 12 blocks, e-auction is being done for mining lease of 1 block of iron and 3 blocks of limestone and for composite license of 8 blocks through the Metal Scrap Trade Corporation Limited (MSTC) portal of the Central Government.

### Auction for Mining Lease:

- **Jaisalmer** – Khabhiya, Khabhiya East, Parewar (Limestone)
- **Kotputli-Behror** – Bagawas (Iron Ore)

### E-Auction of Composite Licence:

- **Jalore** – Chatwara (Fluorite)
- **Bhilwara** – West Samodi (Copper-Lead-Zinc)

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- **Banswara** – Garariya (Manganese)
- **Sawai Madhopur** – Chauth Ka Barwara (Lead-Zinc)
- **Beawar** – Shahpura (Copper Associated Gold), Kuratiyan (Copper)
- **Bhilwara** – Kajlodia Sultangarh (Iron Ore)
- **Rajsamand** – Mojawaton Ka Gurha (Emerald)

## Facts for Prelims:

- **Artificial Intelligence (AI) in Mineral Exploration:** A pilot project will be conducted in Bhilwara, Bharatpur and Chittorgarh for artificial intelligence and machine learning technology for mineral exploration in Rajasthan.

## Rajasthan Mineral Policy 2024

- **Released** – On 04 December, 2024.
- The Rajasthan Mineral Policy 2024 aims to promote sustainable, transparent and responsible mineral development by leveraging the state's abundant mineral resources for economic growth while ensuring environmental protection and community welfare.

## Key Features:

- **Economic Growth and Investment:** To promote mineral-based industries, attract investments and increase the contribution of the sector to the state's Gross State Domestic Product (GSDP).



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- **Employment Generation:** To provide employment opportunities to more than 1 crore people directly and indirectly by the year 2047.
- **Sustainability and ESG Compliance:** To implement zero waste mining, eco-friendly technologies and waste management strategies.
- **Technology Integration:** To ensure transparency by adopting advanced exploration techniques, A.I. based monitoring and digital governance.
- **Illegal Mining Mitigation:** To prevent illegal activities using GPS-based tracking, geo-fencing and real-time monitoring.

## Key Initiatives:

- Increasing mineral extraction from 58 to 70 by 2047.
- Auction of 50 major mineral blocks with pre-determined approval.
- Increasing mining concession area to 2 percent of total state land by 2047.
- Promoting strategic and critical minerals (e.g. lithium, rare earth elements) to support clean energy.
- Setting up a state mining company for value addition and research in mineral resources.

## News in Shorts (Rajasthan)

S. No.	News
1.	<p><b>Heliborne Operation: Pokhran Field Firing Range</b></p>  <p>◆ The high intensity war exercise Heliborne Operation is being organized by the Southern Command of the Indian Army at Pokhran Field Firing Range in Jaisalmer district.</p>
2.	<p><b>Atal Housing Scheme</b></p>  <p>◆ Rajasthan Assembly Speaker Vasudev Devnani and Water Resources Minister Suresh Singh Rawat launched the online application process of Atal Housing Scheme, Chachiawas of Ajmer Development Authority.</p>

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## Ganga, Yamuna, Saraswati Vihar



**JAIPUR DEVELOPMENT  
AUTHORITY**

- ◆ Recently, the lottery was drawn by Jaipur Development Authority (JDA) under the residential plot scheme in the name of Ganga, Yamuna, Saraswati residential areas.
- ◆ The objective of this scheme is to provide housing to the people. A total of 765 residential plots are proposed under this.

## National

### Banakacherla Reservoir Project

#### ➔ Why in News?

- Recently, a new inter-state water conflict has arisen between Telangana and Andhra Pradesh over the Banakacherla Reservoir Project.



#### ➔ Main Point

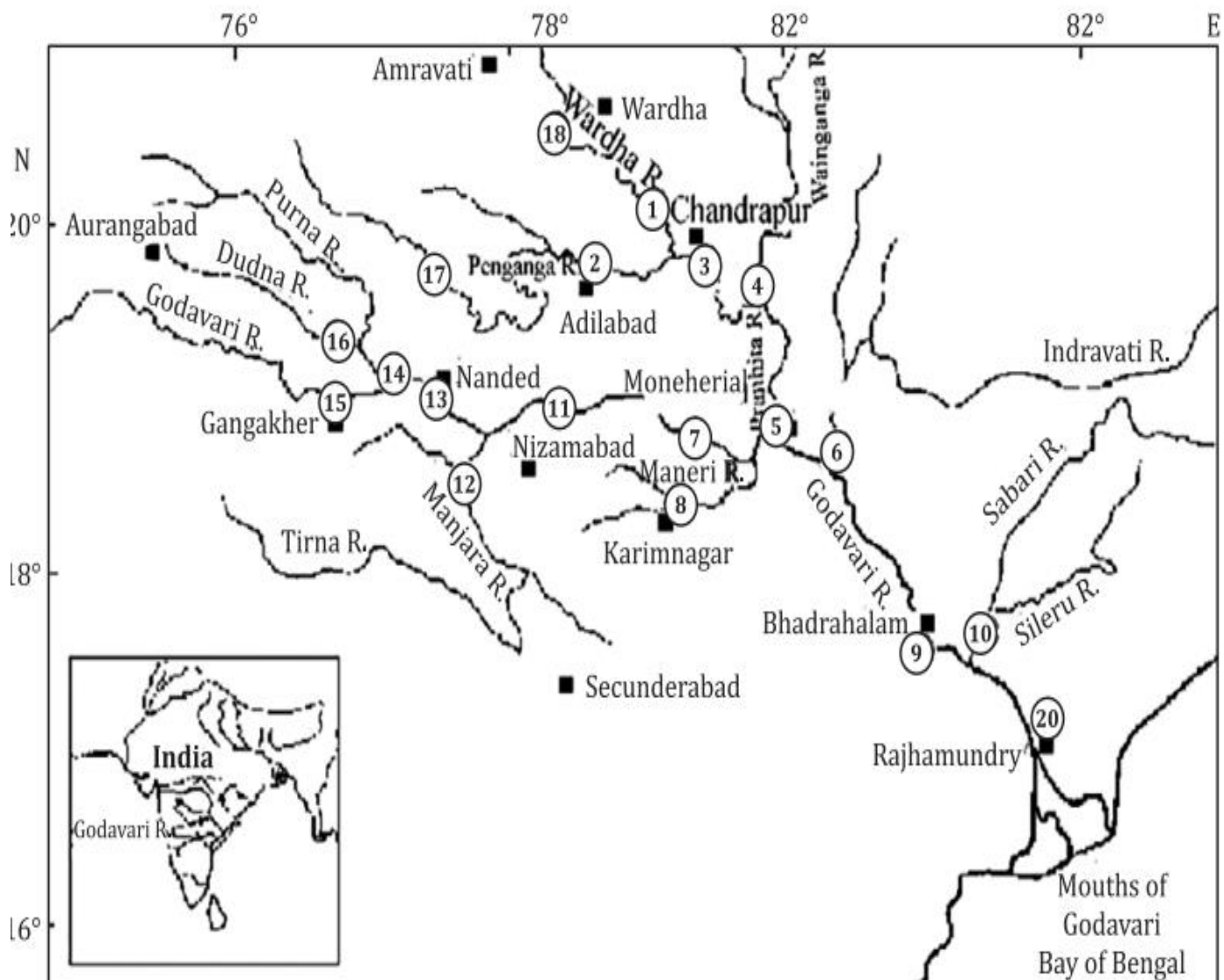
- The Telangana government has opposed the Banakacherla Reservoir Project, terming it a violation of the Andhra Pradesh Reorganisation Act, 2014.
- The project is an irrigation scheme proposed by the Andhra Pradesh government, aimed at utilising the excess water of the Godavari River to deal with drought conditions in the Rayalaseema region.
- Under this scheme, it is proposed to transfer the surplus water of the Godavari River through the Krishna river system.

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## Facts for Prelims:

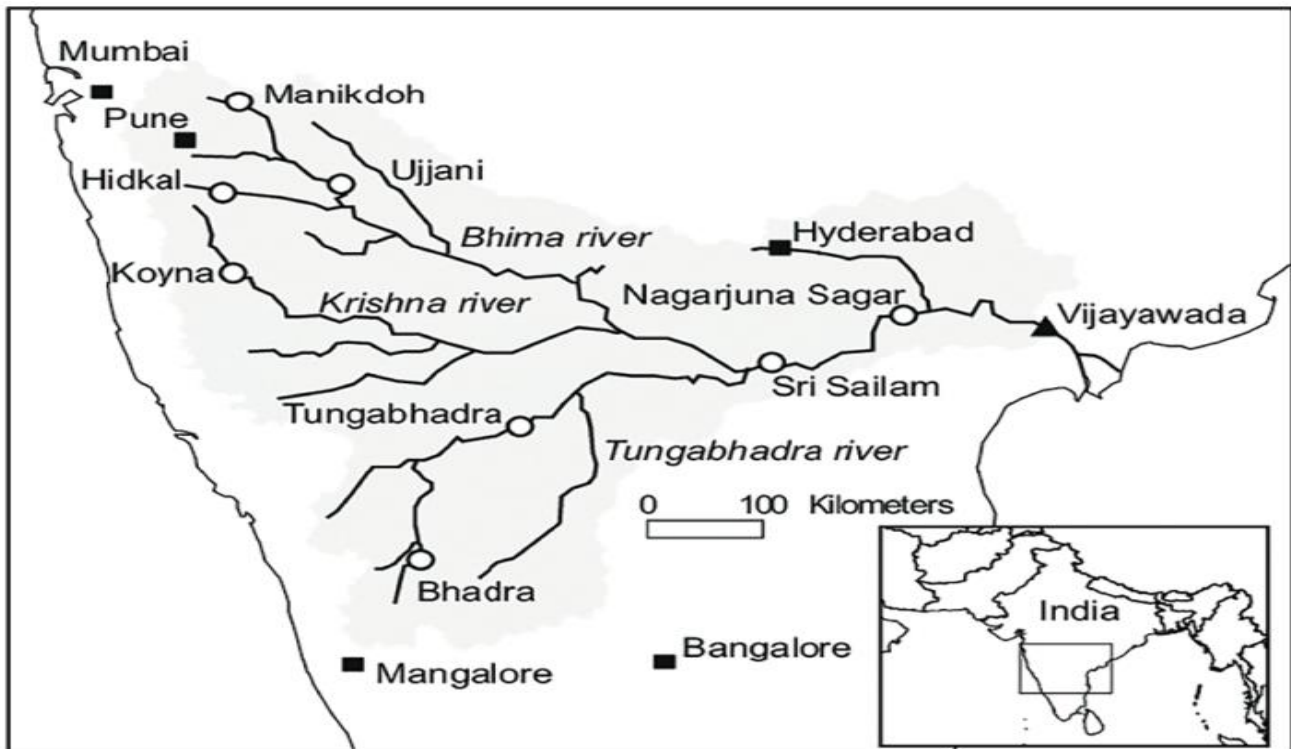
### Godavari River:



- **Origin:** From (Trimbakeshwar) in Nashik district of Maharashtra.
- **Length:** 1465 km.
- It is the longest river in peninsular India, known as the "Dakshin Ganga".
- **Major Tributaries** - Penganga, Indravati, Pranahita, Manjira, Pravara, Indravati, Venganga, Wardha, Pench, Kanhan, Bindusar and Sabari.

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## Krishna River:



- **Origin:** Near Mahabaleshwar in Sahyadri Hills (Western Ghats).
- **Length:** 1401 km. (Second longest river of peninsular India)
- This river flows from west to east through Maharashtra, Karnataka, Andhra Pradesh and Telangana.
- The cities of Sangli (Maharashtra) and Vijayawada (Andhra Pradesh) are situated on the banks of this river.

## Important Tributaries:

- **Right Bank Tributaries:** Venna, Koyna, Panchganga, Doodhganga, Ghatprabha, Malaprabha and Tungabhadra.
- **Left Bank Tributaries:** Peddavagu, Halia, Musi, Paleru, Muneru, Bhima, Dindi.

## International

### Prime Minister's visit to African country Ghana

#### ➔ Why in News?

- Prime Minister Narendra Modi reached Accra, the capital of Ghana, in the first leg of his visit to 5 countries: Ghana, Trinidad and Tobago, Argentina, Brazil and Namibia.



#### ➔ Main Point

- Ghana's President John Dramani Mahama honoured the Indian Prime Minister with Ghana's national award 'The Officer of the Order of the Star of Ghana'.

#### Key agreements:

- Memorandum of Understanding (MoU) on Cultural Exchange Programme (CEP):
- To promote greater cultural understanding and exchange in the fields of art, music, dance, literature and heritage.

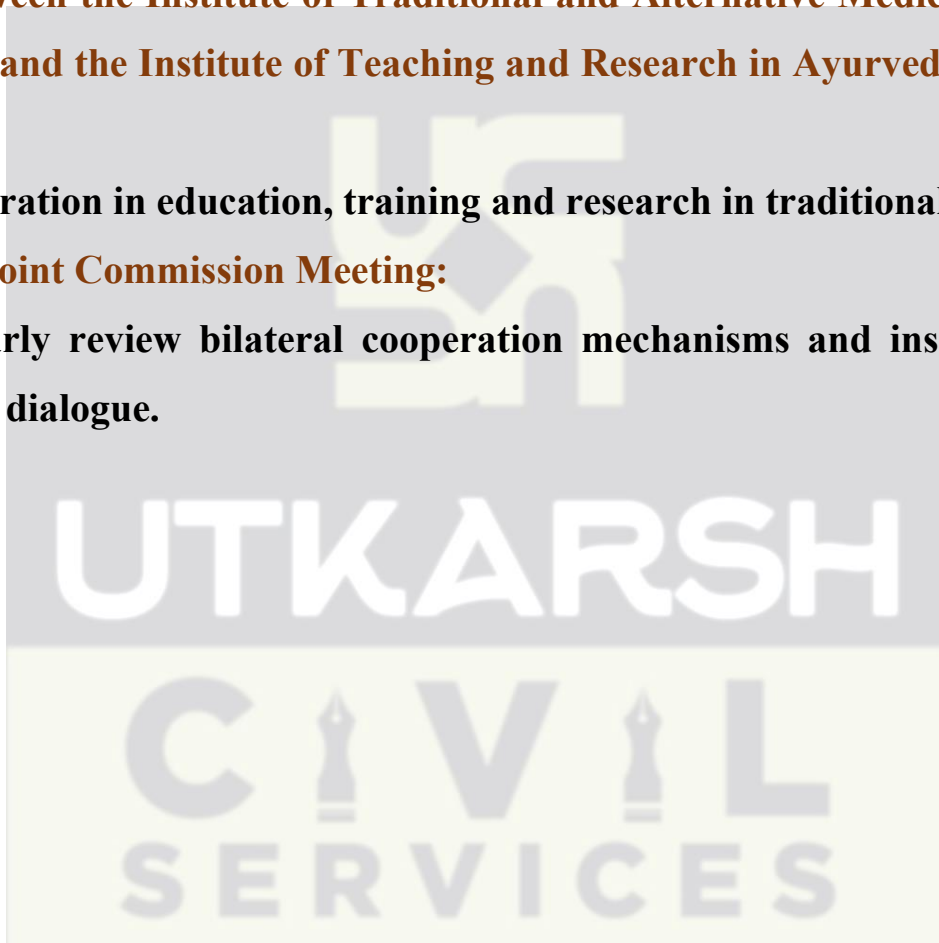
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- **Memorandum of Understanding between Bureau of Indian Standards (BIS) and Ghana Standards Authority (GSA):**
- Aimed at strengthening cooperation in the field of standardization, certification and conformity assessment.
- **MoU between the Institute of Traditional and Alternative Medicine (ITAM) of Ghana and the Institute of Teaching and Research in Ayurveda (ITRA) of India:**
- For cooperation in education, training and research in traditional medicine.
- **MoU on Joint Commission Meeting:**
- To regularly review bilateral cooperation mechanisms and institutionalize high-level dialogue.



## Environment and Ecology

### Switzerland's Rhone Glacier

#### ➔ Why in News?

- Switzerland's Rhone Glacier is shrinking very rapidly and is expected to disappear completely by the end of the 21st century.



#### ➔ Main Point

- **Location:** The Rhone Glacier is located near the Italian border near the Furka Pass in the Southern Swiss Alps.
- It is also the source of the Rhone River, which flows through Switzerland and France and finally falls into the Mediterranean Sea.
- **Importance:** It is Switzerland's most easily accessible and most studied glacier. Currently, it is the fifth largest glacier in the country.

#### Alps Range:

- **Location:** 8 countries of Central and Southern Europe; France, Switzerland, Italy, Monaco, Germany, Austria, Slovenia and Liechtenstein.
- **Length:** Approximately 1,200 km (from France to Slovenia)
- **Highest peak:** Mont Blanc (4,808 m)

## State of Climate in Asia 2024 – Report

### ➔ Why in News?

- Recently, the 'State of Climate in Asia 2024' report was released by the World Meteorological Organization (WMO).



### ➔ Main Point

- According to the report, Asia warmed almost twice as fast as the global average in the year 2024, making it the hottest year ever recorded. During this period, the average temperature of the continent was 1.04 ° C higher than the average of the last 30 years (1991–2020).
- The rapidly increasing heat is happening at almost twice the rate of global temperature rise, due to which various extreme weather events and serious economic and humanitarian impacts have been seen in the region.

## Extreme weather events:

- Asian countries faced 29 tropical cyclones, long duration heat waves and extreme rainfall events during the year 2024.
- More than 450 people died in India due to extreme heat as temperatures reached 50 degrees Celsius.
- Nearly 1,300 people died due to lightning strikes in India.
- Tropical Cyclone Yagi, one of the deadliest cyclones in Asia, affected several countries including the Philippines and China.

## Glacier Shrinkage:

- 23 out of 24 glaciers in Central and South Asia recorded rapid shrinkage and structural damage.
- Above normal rainfall was recorded in the Arabian desert and parts of Myanmar.

## Science & Technology

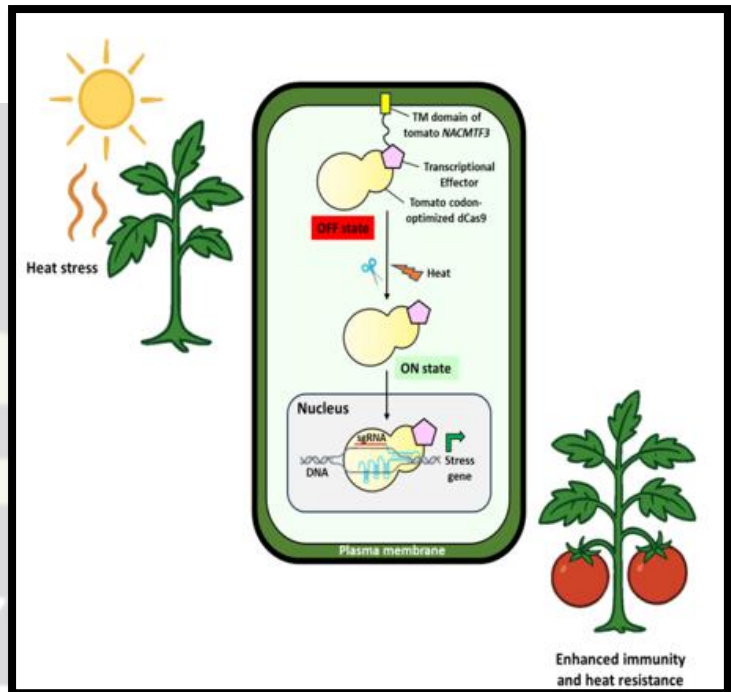
### CRISPR-dCas9 Technology

#### ➔ Why in News?

- Scientists at Bose Institute, working under the Department of Science and Technology (DST), have developed a novel CRISPR-dCas9 based molecular tool.

#### ➔ Main Point

- This advanced biotechnological technique is capable of enhancing tolerance to thermal stress, biotic stress (e.g. pathogen attack) and other adverse environmental conditions in plants, thereby improving their disease resistance and overall durability.



#### CRISPR-dCas9 Technology:

- CRISPR-dCas9 is a modified version, developed from the conventional CRISPR-Cas9 gene-editing technology. In this system, the Cas9 enzyme has been deadened, making it incapable of cutting DNA.

- However, it still retains the ability to recognise and precisely bind to the target DNA sequence with the help of guide RNA (gRNA).
- While the traditional CRISPR-Cas9 system makes permanent changes to genes by cutting DNA, CRISPR-dCas9 works without damaging the DNA. This technology has the ability to activate or deactivate specific genes without changing them and thus acts like a 'gene switch'.
- With the help of this system, the activity of genes can be controlled very precisely and safely. For example, genes related to stress-response in plants are activated only under necessary conditions, which reduces unnecessary energy expenditure and improves the efficiency and resource use of the plant.

## Indigenous stealth frigate – INS Udaygiri

### ➔ Why in News?

- On July 1, 2025, INS Udaygiri, the second stealth frigate yard of Project 17A built at Mazagon Dock Shipbuilders Limited (MDSL), joined the Indian Navy.



### ➔ Main Point

- **Design:** By the Warship Design Bureau of the Indian Navy.
- **Development:** By Mazagon Dock Shipbuilders Limited (MDSL).
- It uses 75 percent indigenous content.
- It is the second ship of the project after the Shivalik class (Project 17) frigates in service.
- It replaced the erstwhile steam-powered INS Udaygiri, which was decommissioned on August 24, 2007.

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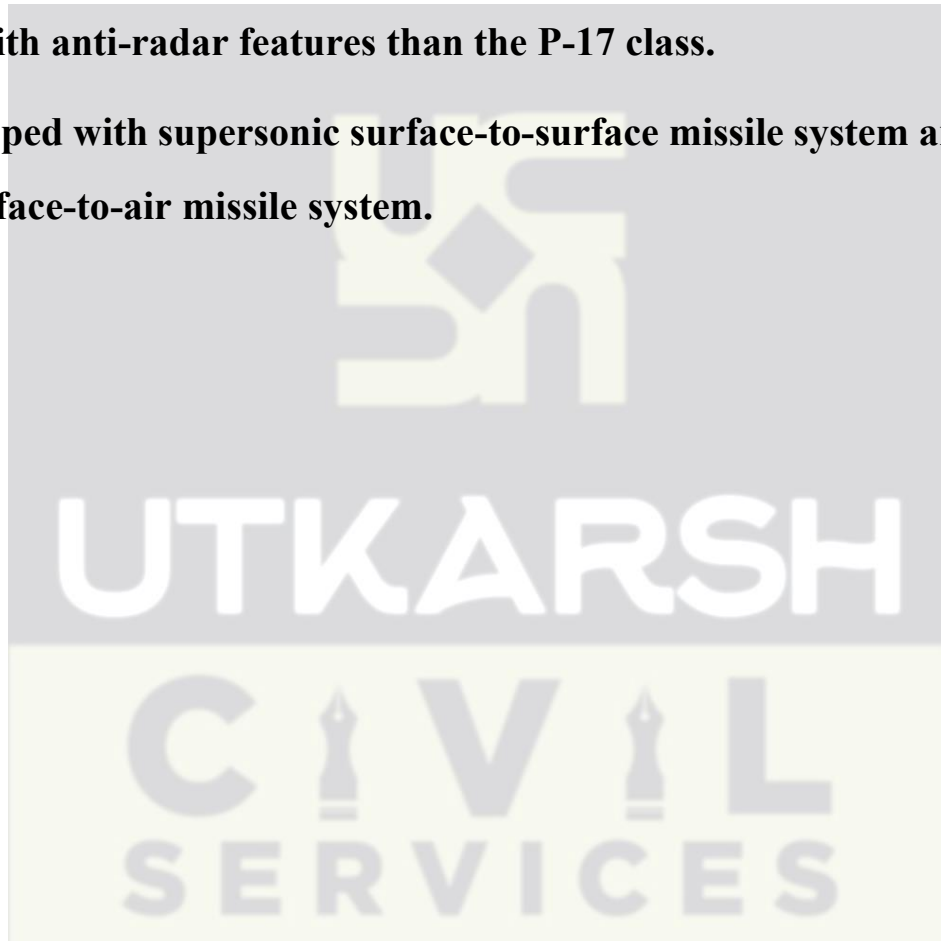
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## Key Features:

- **Propulsion:** Combined Diesel or Gas (CODOG) technology and a combination of diesel engine + gas turbine.
- These ships are equipped with more modern and advanced weapons and sensors with anti-radar features than the P-17 class.
- It is equipped with supersonic surface-to-surface missile system and medium-range surface-to-air missile system.



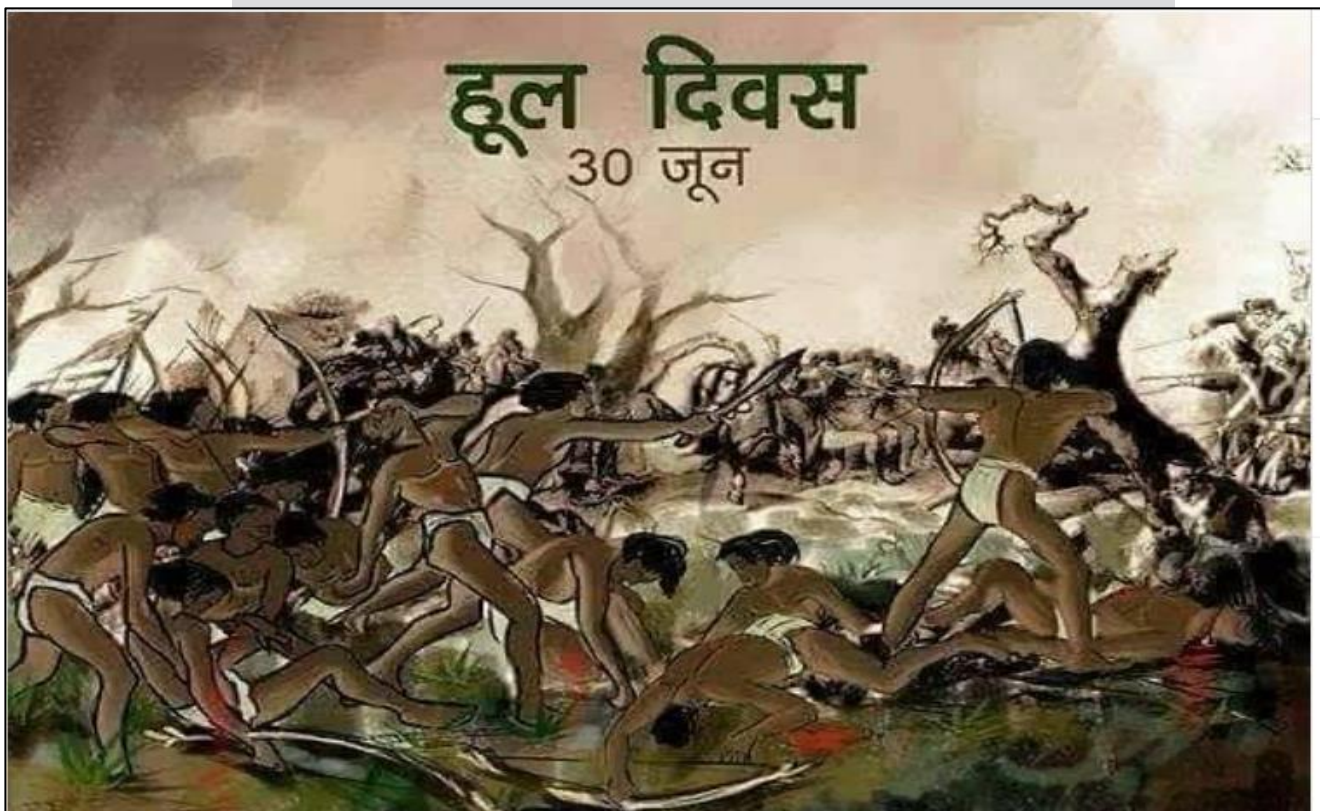
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## Important Days

### 170th Anniversary of Santhal Hul Divas

#### ➔ Why in News?

- The 170th anniversary of Santhal Hul Divas was celebrated on June 30, 2025.



#### ➔ Main Point

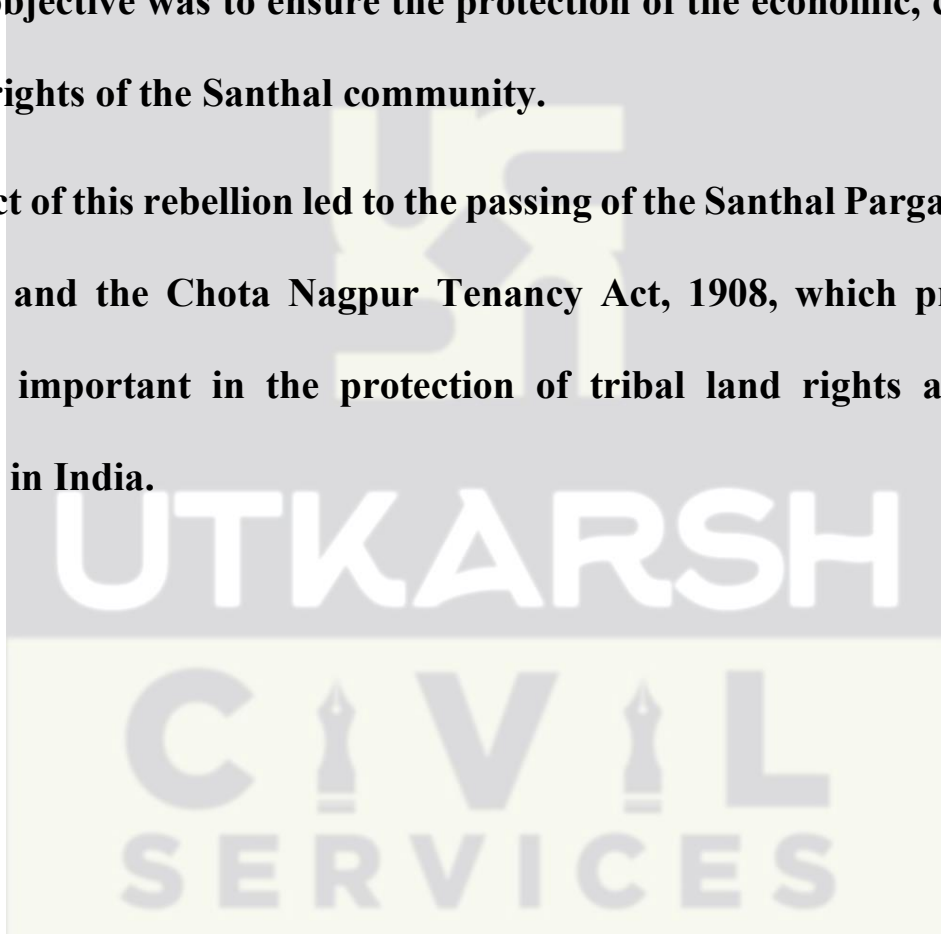
- The Santhal Hul Rebellion was one of the earliest peasant movements in India against British colonial rule.
- The movement began on June 30, 1855, and was led by Sidho, Kanho, Chand and Bhairav Murmu along with their sisters Phulo and Jhano.

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- The opposition to the rebellion was not limited to the British but also targeted upper castes, landowners, inspectors and moneylenders, collectively called 'Dikus'.
- Its main objective was to ensure the protection of the economic, cultural and religious rights of the Santhal community.
- The impact of this rebellion led to the passing of the Santhal Pargana Tenancy Act, 1876 and the Chota Nagpur Tenancy Act, 1908, which proved to be extremely important in the protection of tribal land rights and cultural autonomy in India.



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## Famous Personality

### Nandan Nilekani: Chief Guide of 'India Energy Stack'

#### ➔ Why in News?

- Recently, the Ministry of Power appointed Infosys co-founder Nandan Nilekani as the Chief Guide of the task force constituted to build 'India Energy Stack' (IES).




#### ➔ Main Point

- Nandan Nilekani has been the chairman of the Unique Identification Authority of India (UIDAI) during the implementation of the Aadhaar scheme.
- As the Chief Guide of 'India Energy Stack', Nandan Nilekani will help in preparing the framework and defining the scope of the Utility Intelligence Platform.

#### India Energy Stack:

- On June 28, 2025, the Ministry of Power announced the launch of a task force for India Energy Stack.
- India Energy Stack is a pioneering initiative aimed at building an integrated, secure and interoperable digital infrastructure for India's energy sector.
- It is a Digital Public Infrastructure (DPI) that will provide a standardized, secure and open platform for management, monitoring and innovation in the electricity supply chain.

## News in Shorts

S. No.	News
1.	<p><b>78th Senior National Aquatics Championship 2025</b></p>  <p>◆ <b>Event:</b> From 22 to 26 June, 2025 in Bhubaneswar, the capital of Odisha.</p> <p>◆ <b>First place:</b> Karnataka (won a total of 41 medals, including 16 gold medals)</p> <p>◆ Karnataka's Shoan Ganguly set a new national record in the 200m individual medley.</p> <p>◆ The second and third positions went to Tamil Nadu and Maharashtra respectively.</p>

2.

## Kazakhstan bans face coverings in public places



- ◆ Recently, Kazakhstan President Kassym-Jomart Tokayev signed a law, banning the wearing of face coverings in public places.

3.

## Asian Youth Table Tennis Championship 2025



- ◆ Divyanshi Bhowmik created history by winning the gold medal at the Asian Youth Table Tennis Championship 2025 held in Tashkent, Uzbekistan.

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- ◆ Divyanshi is the first Indian player to win this title in the last 36 years. She defeated China's Zhu Qihi to win the U15 Girls Singles Continental title.
- ◆ Earlier, this title for India in this age group was won by Subramaniam Bhavaniswari in the year 1989, in a competition held in New Delhi.

4.

## 'The One Big Beautiful Bill Act'

- ◆ Recently, the US Senate passed the much talked about and controversial 'One Big Beautiful Bill Act' by a vote of 51-50.
- ◆ Many big economic and social changes have been proposed in this 887-page bill.
- ◆ It has a provision to make Trump's 2017 tax cuts permanent, invest heavily in border security, increase spending in energy production and defense sector. At the same time, welfare programs like Medicaid and Food Stamps (SNAP) have also been cut.

