



Sanskritii IAS



**DAILY
CURRENT AFFAIRS**

Important Current News for UPSC & UPPSC

10th June 2026

TOPICS:-

- 1. Barren Island**
- 2. Bhakra Dam**
- 3. Pradhan Mantri Surakshit Matritva Abhiyaan (PMSMA)**
- 4. Gallantry Awards**
- 5. Other Important News of the day**
- 6. Uttar Pradesh in News**

DELHI CENTRE:
636, Mukherjee Nagar
New Delhi-110009

PRAYAGRAJ CENTRE:
1/1/8A, Stanley Rd,
Maharana Pratap Chauraha,
Civil Lines, Prayagraj, UP - 211002

☎ 9555-124-124
🌐 sanskritiiias.com

BARREN ISLAND

18 News18

India Has An Active Volcano In The Middle Of The Ocean, And Most People Don't Even Know It Exists



Barren Island, India's only active volcano, erupts quietly in the Andaman Sea, revealing a remote, geologically wild landscape few Indians...

Why in News

- **Barren Island**, India's only active volcano, has attracted renewed scientific interest due to its unique geological characteristics.

Location and Geological Setting

- Barren Island is located in the **Andaman Sea**.
- It forms part of the **Andaman and Nicobar Islands Union Territory**.
- The island lies approximately **138 km northeast of Port Blair**.
- It is situated above the subduction zone between the **Indian Plate** and the **Burmese Plate**.

NOTE

- **Narcondam Island** hosts India's **only active mud volcano** region nearby, whereas **Barren Island** is India's only active volcanic island.

Volcanic Characteristics

- The island is a **stratovolcano**, consisting of layers of lava, ash and rock fragments.
- The volcanic structure rises nearly **2,250 metres** from the ocean floor.
- Only about **354 metres** of the volcano remain above sea level.
- A large central crater dominates the island landscape.

Volcanic Activity

- Barren Island is the **only active volcano in South Asia**.
- It is also the only active volcano in the island chain stretching from **Myanmar to Sumatra**.
- The volcano has erupted several times in recent decades.
- Significant eruptions were recorded in **2017**.

Environmental Features

- Much of the island is devoid of vegetation due to volcanic activity.
- Sharp basaltic rocks cover a large part of its surface.
- Human habitation is virtually absent because of its remoteness and harsh conditions.

BHAKRA DAM

ThePrint

[Bhakra dam is tilting. What can be done & why the time to act is now](#)

New Delhi: The Bhakra Dam has been standing since 1963. Since 1963, this is the tallest gravity dam in all of Asia. A gravity dam is...



Why in News

- The **Bhakra Beas Management Board (BBMB)** commissioned an emergency study after detecting unusual outward tilting of the Bhakra Dam wall.

Location and Structure

- Bhakra Dam is a **concrete gravity dam** built across the **Sutlej River**.
- It is located in **Bilaspur district of Himachal Pradesh**.
- The dam stands approximately **207.26 metres high**.
- It is regarded as the **highest straight gravity dam in the world**.



Historical Significance

- Construction began in **1948** soon after India's independence.
- The project was completed in **1963**.
- Prime Minister **Jawaharlal Nehru** referred to it as the **“New Temple of Resurgent India.”**
- It is one of India's earliest major multipurpose river valley projects.

Hydrological Importance

- The dam created the **Gobind Sagar Reservoir**.
- The reservoir extends for nearly **90 kilometres**.
- It is India's second-largest reservoir in terms of storage capacity.
- The reservoir plays a major role in irrigation and flood moderation.

Power Generation and Irrigation

- The dam supplies irrigation water to **Punjab, Haryana, Rajasthan and Chandigarh**.
- The **Bhakra Right Bank Power House** has an installed capacity of **785 MW**.
- The **Bhakra Left Bank Power House** has an installed capacity of **630 MW**.
- Hydropower generated from the project supports northern India's energy needs.

Associated Structure

- **Nangal Dam** is located downstream of Bhakra Dam.
- It is an earthen dam with a height of **29 metres**.
- Nangal Dam helps channel water released from Bhakra to powerhouses and canals.

PRADHAN MANTRI SURAKSHIT MATRITVA ABHIYAAN (PMSMA)

DD India



A decade of care: How PM Surakshit Matritva Abhiyaan has transformed maternal healthcare in India

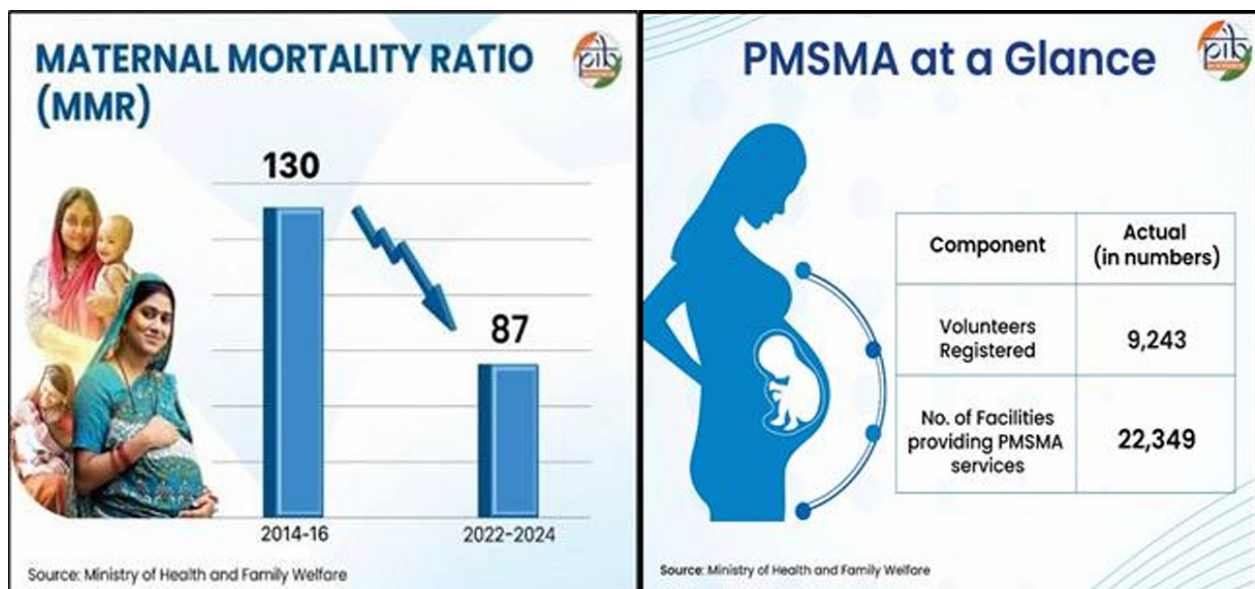
When the Pradhan Mantri Surakshit Matritva Abhiyaan (PMSMA) was launched on June 9, 2016, India was still grappling with significant...

Why in News

- The **Ministry of Health and Family Welfare** is commemorating ten years of implementation of **Pradhan Mantri Surakshit Matritva Abhiyaan (PMSMA)**.

Scheme Profile

- PMSMA was launched on **9 June 2016** by the **Ministry of Health & Family Welfare (MoHFW)**.
- It aims to ensure safer pregnancies through early risk detection and timely medical intervention.
- The scheme targets universal access to quality antenatal care irrespective of location.



Service Delivery Framework

- Free antenatal check-ups are provided on the **9th day of every month**.
- Services are offered at designated government health facilities.
- Pregnant women in the **second and third trimesters** are the primary beneficiaries.
- At least one comprehensive examination is conducted by an **Obstetrician & Gynaecologist** or trained specialist.

High-Risk Pregnancy Management

- The programme screens women for **25 identified High-Risk Pregnancy (HRP) factors**.
- High-risk cases are linked with the nearest **First Referral Unit (FRU)**.
- Priority monitoring and follow-up care are ensured for HRP cases.
- Women who miss regular antenatal care are actively mobilized under the scheme.

Governance Dimensions

- The programme allows empanelment of private healthcare providers.
- It supports reduction of maternal mortality and neonatal complications.
- It contributes to the objectives of **SDG 3 (Good Health and Well-being)**.

GALLANTRY AWARDS

 News On AIR

[President Murmu presents Gallantry Awards to Armed Forces, Police Personnel](#)

President Droupadi Murmu conferred Gallantry Awards to the personnel of the Armed Forces, Central Armed Police Forces, and State and Union...



Why in News

- The President conferred Gallantry Awards during the **Defence Investiture Ceremony** at **Rashtrapati Bhavan**.

Institutional Framework

- Gallantry Awards recognize exceptional bravery and devotion to duty.
- Recommendations are processed by the **Ministry of Defence** and **Ministry of Home Affairs**.
- Awards are announced on **Republic Day** and **Independence Day**.

Historical Evolution

- **Param Vir Chakra**, **Maha Vir Chakra**, and **Vir Chakra** were instituted on **26 January 1950**.

- **Ashoka Chakra Class I, II, and III** were introduced in **1952**.
- They were renamed **Ashoka Chakra**, **Kirti Chakra**, and **Shaurya Chakra** in **1967**.

Categories of Awards

- Wartime awards include **Param Vir Chakra**, **Maha Vir Chakra**, and **Vir Chakra**.
- Peacetime awards include **Ashoka Chakra**, **Kirti Chakra**, and **Shaurya Chakra**.

Order of Precedence

- **Param Vir Chakra** ranks first among gallantry awards.
- The sequence is **PVC → AC → MVC → KC → VC → SC**.
- **Ashoka Chakra** is India's highest peacetime gallantry award.

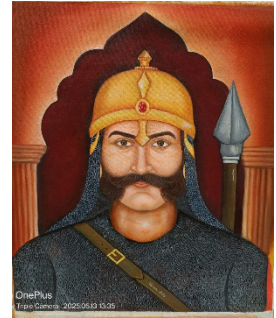
OTHER IMPORTANT NEWS OF THE DAY

Persons in News

MAHARAJA CHHATRASAL

Why in News

- The **Mahua Festival** at the Madhya Pradesh Tribal Museum highlighted the life and contributions of **Maharaja Chhatrasal**.



Historical Background

- **Maharaja Chhatrasal (1649–1731)** belonged to the **Bundela Rajput** clan.
- He fought against **Mughal Emperor Aurangzeb** and established an independent kingdom in **Bundelkhand**.
- He was the son of **Champat Rai**, a prominent Bundela leader.

Military Achievements

- He initiated a revolt against Mughal rule at the age of **22**.
- By the age of **26**, he had established an independent kingdom.
- His campaigns extended across Bundelkhand and parts of **Malwa, Rajasthan, and Punjab**.
- Several Mughal commanders were defeated during his resistance movement.

Alliance with Marathas

- In 1729, he sought assistance from Peshwa Baji Rao I against Muhammad Khan Bangash.
- Baji Rao I successfully defeated Bangash.
- Chhatrasal granted territory to the Marathas after the victory.
- This alliance expanded Maratha influence in central India.

Administrative Legacy

- He was known for efficient governance and fiscal management.
- Sant Prannath conferred upon him the title of Maharaja.
- He remains a symbol of resistance against Mughal domination in central India.

Places in News

JAPAN

Why in News

- India and Japan reviewed recent high-level engagements to strengthen bilateral relations.

Geographical Setting

- Japan is an island nation in East Asia in the Northwestern Pacific Ocean.
- Its capital city is Tokyo.
- The country consists of Hokkaido, Honshu, Shikoku, and Kyushu.

Physical Features

- More than 80% of Japan is mountainous.
- The highest peak is Mount Fuji (3,776 m).
- Major mountain systems include the Japanese Alps.

Hydrology and Resources

- The Shinano River is Japan's longest river.
- Other major rivers include the Tone and Kiso rivers.
- Important minerals include coal, iron ore, copper, sulfur, gold, and silver.



	<p>Tectonic Importance</p> <ul style="list-style-type: none"> ➤ Japan lies on the Pacific Ring of Fire. ➤ The country experiences frequent earthquakes and volcanic eruptions. ➤ Climate varies from subarctic in the north to humid subtropical in the south.
<p>Environ- ment</p>	<p>BOVISTA COLORATA</p> <p>Why in News</p> <ul style="list-style-type: none"> ➤ Researchers recorded the rare yellow puffball mushroom Bovista colorata in Longding district, Arunachal Pradesh.  <p>Taxonomic Identity</p> <ul style="list-style-type: none"> ➤ Bovista colorata belongs to the fungal family Agaricaceae. ➤ It is commonly known as the yellow puffball mushroom. ➤ The species is characterized by a bright yellow spherical fruiting body. <p>Habitat and Distribution</p> <ul style="list-style-type: none"> ➤ It commonly occurs in grasslands and open meadows. ➤ It is also found in disturbed soils and open fields. ➤ The species contributes to ecosystem nutrient dynamics. <p>Unique Biological Features</p> <ul style="list-style-type: none"> ➤ Spores develop inside a closed spherical fruiting body. ➤ It lacks the conventional gill-based spore production seen in mushrooms. ➤ Mature spores are released through wind, rain impact, or disturbance. <p>Ecological Importance</p> <ul style="list-style-type: none"> ➤ Puffball fungi act as decomposers in ecosystems. ➤ They assist in nutrient recycling, carbon cycling, and soil formation. ➤ Some puffball species possess bioactive compounds with medicinal potential.

Space

AURORA BOREALIS

Why in News

- The **Aurora Borealis (Northern Lights)** was expected to be visible from parts of India following increased solar activity.



Basic Facts

- Aurora Borealis refers to auroral displays in the **Northern Hemisphere**.
- Auroras in the Southern Hemisphere are called **Aurora Australis**.
- They are commonly observed in **Norway, Sweden, Finland, Iceland, Canada, Alaska, and Greenland**.

Formation Process

- The Sun continuously emits charged particles known as the **solar wind**.
- Earth's magnetic field deflects most of these particles.
- Some particles enter the upper atmosphere near the poles along magnetic field lines.
- Interactions with atmospheric gases create luminous displays.

Scientific Characteristics

- Auroras occur mainly in the **Thermosphere/Ionosphere**.
- Collision with **oxygen** produces green light.
- Interaction with **nitrogen** generates blue and purple colours.

Geomagnetic Significance

- Strong solar activity can trigger **Coronal Mass Ejections (CMEs)** and **solar flares**.
- These events may cause **geomagnetic storms**.
- During intense storms, auroras can extend to lower latitudes.

Defence

PROJECT 18 PROGRAMME



idrw.org

<https://idrw.org> > project-18-to-redefine-indian-navy-w...

Project 18 to redefine Indian Navy with cruiser-sized ... - Idrw

3 days ago — Project 18 is expected to carry up to 144 Vertical Launch System (VLS) cells, with the possibility of additional midship slant launchers. Such a ... [Read more](#)



Why in News

- India's **Project 18 (P-18)**, the Indian Navy's next-generation destroyer programme, is progressing as one of the country's most advanced naval combat projects.

Programme Overview

- **Project 18 (P-18)** is the Indian Navy's **Next-Generation Destroyer (NGD)** programme.
- It is being developed by the **Warship Design Bureau (WDB)** with **Mazagon Dock Shipbuilders Limited (MDL)** and **Garden Reach Shipbuilders & Engineers (GRSE)**.
- The project is planned as the successor to the **Visakhapatnam-class (P-15B) destroyers**.
- It will comprise advanced multi-role stealth destroyers for blue-water naval operations.



Technological Features

- Each vessel is expected to have a displacement exceeding **13,000 tonnes**.
- Warships above **10,000 tonnes** are internationally classified as **cruisers**.
- India currently does not operate any cruiser-class warships.
- The ships will use **Integrated Electric Propulsion (IEP)** powered by gas turbines and diesel generators.
- Extensive automation is expected to reduce crew requirements by **25–30%**.

Combat Capabilities

- Each destroyer will carry **114 Vertical Launch System (VLS)** cells.
- The vessels can deploy **BrahMos**, **BrahMos Next Generation**, **LR-LACM**, **PGLRSAM**, **SRSAM**, and **SMART** missiles.
- Advanced radar systems will provide **360-degree surveillance** and threat detection up to **500 km**.
- The ships will be capable of operating **Unmanned Underwater Vehicles (UUVs)** and **kamikaze drones**.

Strategic Significance

- Project 18 will strengthen India's maritime deterrence in the **Indian Ocean Region (IOR)**.
- It supports the goal of **Aatmanirbhar Bharat** through indigenous warship design and weapon integration.
- The project enhances India's capability for long-range power projection and network-centric warfare.

UTTAR PRADESH IN NEWS

UTTAR PRADESH'S 'EK JANPAD, EK NATAK' INITIATIVE

📰 The Indian Express

UP plans theatre, OTT outreach across districts with plays on Vajpayee, Savarkar



Come August, people across Uttar Pradesh may get to watch professionally produced plays on historical icons and landmark events as the state...

Why in News

- The **Uttar Pradesh Government** has granted in-principle approval to the '**Ek Janpad, Ek Natak**' (One District, One Play) theatre outreach programme to promote historical awareness and cultural heritage.

Institutional Framework

- The initiative has been developed by the **Bhartendu Natya Academy (BNA), Lucknow**.
- It aims to popularize India's historical legacy through professionally produced theatrical performances.
- The programme integrates the sectors of **culture, tourism, and education**.
- Official rollout is proposed for **August 2026**.

Historical and Cultural Focus

- The plays will highlight contributions of national icons, freedom fighters, and major historical events.
- Key themes include **Atal Bihari Vajpayee, Veer Savarkar, Rani Lakshmi Bai of Jhansi, Chhatrapati Shivaji Maharaj**, and Maharaja Suheldev.

- Historical events such as the **Kakori Train Action (1925)** and the **Revolt of 1857** will be featured.
- The initiative seeks to transform textbook-based history into experiential learning.

Geographical Outreach Strategy

- All **75 districts of Uttar Pradesh** will be covered under the programme.
- Districts will be grouped into regional clusters for efficient implementation.
- Performances will be tailored to local historical relevance and cultural associations.
- **Meerut** will focus on the **1857 Revolt**, while **Lucknow** will emphasize the **Kakori Conspiracy**.
- **Saharanpur** has been identified for productions related to **Chhatrapati Shivaji Maharaj**.

Youth Engagement and Cultural Governance

- Plays will be staged at **universities, schools, museums, and heritage sites**.
- The initiative is expected to directly engage **5–10 lakh youth** across the state.
- It supports preservation and dissemination of intangible cultural heritage.
- The programme promotes community participation in cultural education.

Digital Preservation Measures

- Every production will be professionally video-recorded.
- Performances will be archived in a dedicated **UP Cultural Digital Library**.
- Selected productions are proposed to be streamed on **YouTube** and **OTT platforms**.
- The initiative strengthens digital documentation and accessibility of cultural resources.

Prelims Facts

- **Bhartendu Natya Academy (BNA)** is Uttar Pradesh's premier institution for theatre education and dramatic arts.
- The **Kakori Train Action** occurred on **9 August 1925** near Lucknow.
- The **Revolt of 1857** began at **Meerut** on **10 May 1857**.
- **25 December** is observed as the birth anniversary of **Atal Bihari Vajpayee**.