



Sanskriti IAS



DAILY CURRENT AFFAIRS

Important Current News for UPSC & UPPSC

3rd June 2026

TOPICS:-

1. Kadamparai Pumped Storage Hydro Power Plant
2. Kshipra River
3. Majuli Island
4. AUKUS
5. Project UDAYAK
6. MAHA Water Mission
7. Mule Account
8. Justice V. Mohana Appointed as Supreme Court Judge
9. Myanmar
10. Mesalina Bishnoi
11. Blue Micromoon
12. Second BRICS Culture Working Group (CWG) Meeting

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KADAMPARAI PUMPED STORAGE HYDRO POWER PLANT

TNIE The New Indian Express

[Kadamparai hydropower plant's output crippled by outdated parts](#)



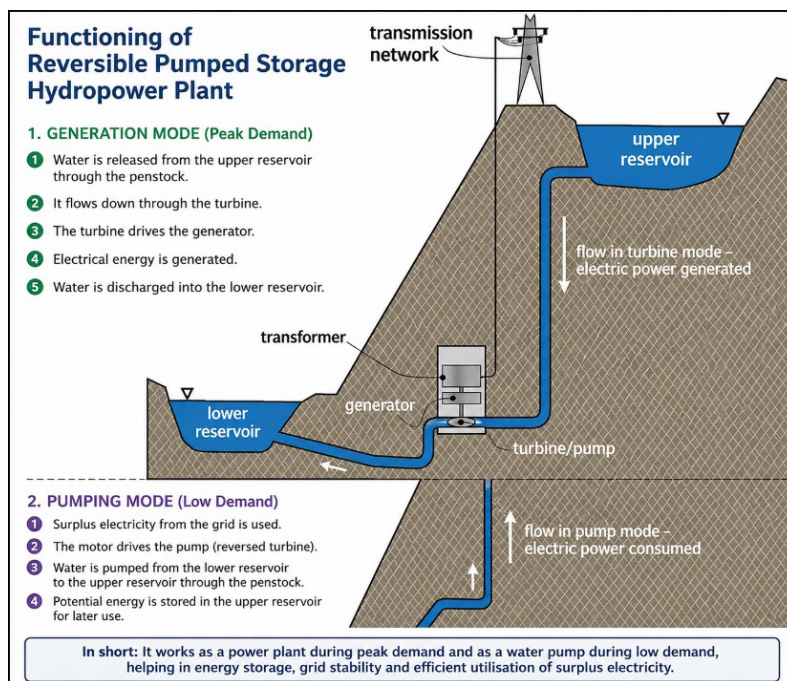
When the grid needs power, water is released from the upper dam at Kadamparai to the Lower Aliyar Dam, driving the turbines to generate...

Why in News:

- Tamil Nadu's only reversible pumped storage hydropower plant is operating at about **25% capacity** as it has exceeded its design life.

Location and Background

- It is a **400 MW** hydropower project located in the **Kadamparai River Basin, Tamil Nadu**.
- It was commissioned in **1987** as Tamil Nadu's first pumped storage power plant.
- It remains unique in the state for its **reversible two-way turbine technology**.



Working Mechanism

- During peak demand, water flows from the **Kadamparai Dam** to the **Lower Aliyar Dam** to generate electricity.
- During low-demand periods, turbines operate in reverse mode to pump water back upstream.
- The system stores surplus energy generated from renewable sources such as wind and solar.

Energy Security Significance

- Pumped storage projects improve grid stability and renewable energy integration.
- They act as large-scale energy storage systems supporting India's clean energy transition.

KSHIPRA RIVER

ETV Bharat

Call To Revive Tributaries Of Kshipra River In Madhya Pradesh

Most of these tributaries have either disappeared or become seasonal drains due to encroachment, water source degradation and erratic...

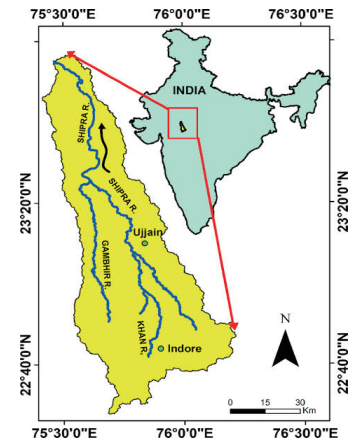


Why in News:

- The **Kshipra River system** in Madhya Pradesh is facing challenges due to the drying of tributaries.

River Profile

- The **Kshipra (Shipra)** is a tributary of the **Chambal River**.
- It flows entirely through **Madhya Pradesh**.
- The river is approximately **195 km** long.



Geographical Features

- It originates from the **Vindhya Range** near Ujjain.
- It flows across the **Malwa Plateau** before joining the Chambal.
- Major tributaries include the **Khan** and **Gambhir** rivers.

Religious and Cultural Importance

- The river is regarded as sacred by Hindus and is often compared to the **Ganga**.
- The city of **Ujjain** is situated on its right bank.
- The **Kumbh Mela (Simhastha)** is held on its banks every **12 years**.

Historical Significance

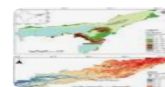
- The river is mentioned in **Hindu, Buddhist, and Jain scriptures**.
- **Sandipani Ashram**, associated with Lord Krishna's education, is located on its banks.
- Numerous temples and pilgrimage sites are situated along the river.

MAJULI ISLAND

PIB

4,000 yrs of climate history from world's largest inhabited river island offer adaption insights

A new study has reconstructed nearly 4,000 years of climate and vegetation history of Majuli Island, Assam—the world's largest inhabited...

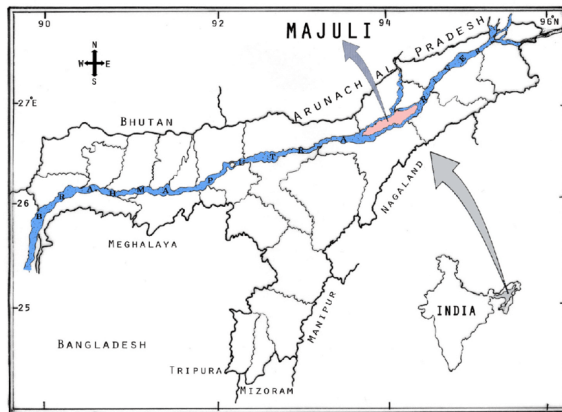


Why in News:

- A recent study reconstructed nearly **4,000 years** of climate and vegetation history of Majuli Island.

Geographical Importance

- Majuli is located within the **Brahmaputra River system** in Assam.
- It is recognized as the **world's largest river island**.
- It was declared a district of Assam in **2016**.



Formation and Physical Features

- It is formed by the **Brahmaputra River** in the south.
- The **Kherkutia Xuti** and **Subansiri River** define its northern boundary.
- The island is highly vulnerable to riverbank erosion and floods.


Society and Economy

- **Rice cultivation** is the principal livelihood activity.
- Important rice varieties include **Komal Saul** and **Bao Dhan**.
- Major tribes include the **Mishing, Deori, and Sonowal Kachari** communities.

Cultural Heritage

- Majuli is the centre of **Assamese Neo-Vaishnavite culture**.
- The movement was led by **Srimanta Sankardeva** and **Madhavdeva** during the 16th century.
- It is famous for **Satras**, traditional mask-making, pottery, boat-building, and **Sattriya dance**.

AUKUS

 The Guardian

New Aukus drone tech to protect critical undersea cables as Marles warns: 'seabed is a battlefield'

Minister at Singapore defence summit also reveals Australia to buy only secondhand Aukus submarines from US.



Why in News:

- Members of the **AUKUS alliance** announced deeper cooperation in advanced underwater drone technologies.

Overview

- **AUKUS** is a trilateral security partnership between **Australia, United Kingdom, and United States**.

- It was announced in **2021**.
- The partnership seeks to strengthen security in the **Indo-Pacific region**.

Strategic Objectives

- It aims to enhance defence capabilities and technological integration.
- It seeks to expand defence-industrial cooperation among member countries.
- It supports regional stability and maritime security.

Pillar I

- **Pillar- I** assist Australia in acquiring **conventionally armed nuclear-powered submarines**.
- It does not involve the transfer of nuclear weapons.
- It represents one of the most significant defence technology-sharing arrangements in recent decades.

Pillar II

- Pillar II focuses on cooperation in advanced technologies.
- Areas include **Artificial Intelligence (AI), Quantum Technologies, Cyber Security, Information Sharing, Undersea Systems, Hypersonics, Counter-Hypersonics, Innovation, and Electronic Warfare**.
- It aims to accelerate military and technological interoperability among members.

PROJECT UDAYAK



BRO Celebrates 37th Raising Day of Project UDAYAK at Doomdooma, Assam

Border Roads Organisation (BRO) celebrated 37th Raising Day of Project UDAYAK on June 01, 2026 at Doomdooma, Assam, commemorating more than...



Why in News:

- **BRO** recently celebrated the **37th Raising Day of Project UDAYAK**.

Institutional Background

- **Project UDAYAK** is a strategic infrastructure initiative of the **Border Roads Organisation (BRO)**.
- The name “Udayak” signifies the **Rising Sun**, as India’s first sunrise occurs within its area of responsibility.
- It was established on **1 June 1990** at **Doomdooma (Assam)** during BRO restructuring.

Strategic Security Significance

- The project develops and maintains border infrastructure in **eastern Arunachal Pradesh** and parts of **Assam**.
- It strengthens connectivity near the **Line of Actual Control (LAC)** and the **Indo–Myanmar border**.
- The project supports border fencing and road construction to enhance national security.

MAHA WATER MISSION

DD News

[Govt launches Rs 200 crore MAHA Water Mission to support startups](#)

The Anusandhan National Research Foundation and the Ministry of Jal Shakti will jointly run a MAHA Water Mission, a Rs 200 crore programme...



Why in News:

- The Union Minister of Science & Technology recently launched the **MAHA Water Mission**.

Mission Objectives

- It serves as a national platform linking **science, industry, startups, academia, and communities**.
- The mission promotes innovations from laboratory research to field-level deployment.
- It aims to strengthen India's long-term **water security** through scalable solutions.

Priority Focus Areas

- It focuses on **water resource assessment and sustainable management**.
- It promotes innovations in **drinking water supply**.
- It addresses **water quality and ecological health** concerns.
- It supports **water-use efficiency and circular economy** practices.
- It strengthens **climate resilience and adaptation** in the water sector.

Funding and Institutional Framework

- The mission has an outlay of **₹200 crore** for five years.
- Funding is jointly provided by the **Anusandhan National Research Foundation (ANRF)** and the **Ministry of Jal Shakti**.
- Selected multidisciplinary consortia can receive support of up to **₹20 crore**.

Innovation and Policy Relevance

- The programme supports universities, national laboratories, startups, **MSMEs**, and industry partners.
- It promotes technology validation and deployment for critical water challenges.

MULE ACCOUNT

TH The Hindu

['Operation Mule Hunt' exposes ₹2,289 crore cyber fraud network in Gujarat; 638 arrested](#)

Gujarat's Operation Mule Hunt uncovers ₹2289 crore cyber fraud, arrests 638, and targets mule bank accounts in a major crackdown.



Why in News:

- Gujarat Police uncovered a **₹2,289 crore cyber fraud network** involving mule accounts.

Concept and Functioning

- A mule account is a bank account used for **money laundering, fraud, and illicit transfers**.
- The account holder is known as a **money mule**.
- Money mules may knowingly or unknowingly participate in criminal activity.

Role in Cybercrime

- Criminals use mule accounts to transfer proceeds from online scams and frauds.
- These accounts act as intermediaries between the source and destination of illegal funds.
- Multiple transfers help conceal the origin of criminal proceeds.

Challenges for Enforcement

- Funds are often moved rapidly across several accounts.
- International transactions and currency conversions complicate investigations.
- Such transactions frequently appear legitimate, making detection difficult.

Governance Relevance

- Mule accounts pose significant challenges for financial regulators and law enforcement agencies.
- Their misuse highlights the need for stronger **cybersecurity and banking compliance mechanisms**.

OTHER IMPORTANT NEWS OF THE DAY

Persons in
News

JUSTICE V. MOHANA APPOINTED AS SUPREME COURT JUDGE

Why in News?

- **Justice V. Mohana** took oath as a judge of the **Supreme Court of India** on **2 June 2026**.
- She became the **12th woman judge** in the history of the Supreme Court.
- She is the **second woman lawyer directly elevated from the Bar** to the Supreme Court after **Justice Indu Malhotra (2018)**.



Collegium System

- The **Supreme Court Collegium** recommends appointments and transfers of judges in the higher judiciary.
- It is headed by the **Chief Justice of India (CJI)** and comprises the four senior-most Supreme Court judges.

Judicial Strength

- The **Central Government** approved the recommendation on **31 May 2026**.
- The working strength of the Supreme Court increased to **37 judges**.
- The sanctioned strength is **38 judges** under the **Supreme Court (Number of Judges) Act, 1956**.

Places in
News

MYANMAR

... BBC

[Min Aung Hlaing: Why Myanmar president's India visit is being closely watched](#)

Myanmar is seeking to broaden diplomatic engagement after years of international criticism and isolation.



Why in News:

- The Prime Minister of India and the President of Myanmar recently held discussions on bilateral relations.

Geographical Profile

- Myanmar is the northernmost country of **Southeast Asia**.
- Its capital city is **Naypyidaw**.
- It is bordered by **India, Bangladesh, China, Laos, and Thailand**.

Maritime and Strategic Location

- It is bounded by the **Bay of Bengal** and the **Andaman Sea**.
- Myanmar serves as India’s land bridge to **Southeast Asia** under the **Act East Policy**.
- It is strategically important for projects such as the **Kaladan Multi-Modal Transit Transport Project**.

Physical Features

- Major mountain ranges include **Bago Yoma, Rakhine Yoma, and Shan Hills**.
- The highest peak is **Hkakabo Razi**.
- Major rivers include **Irrawaddy, Salween, Chindwin, and Mekong**.

Resource Base

- Myanmar possesses reserves of **petroleum, natural gas, timber, tin, copper, tungsten, coal, marble, and limestone**.
- It has significant hydropower potential.

India-Myanmar Border

- Indian states sharing borders with Myanmar are **Arunachal Pradesh, Nagaland, Manipur, and Mizoram**.

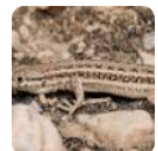
Environment

MESALINA BISHNOI

 The Times of India

[New lizard species found in Rajasthan, Mesalina’s first record in India](#)

JAIPUR: A new species of lizard, Mesalina Bishnoi, has been discovered in Rajasthan, making it the first confirmed record of the genus...



Why in News:

- A new lizard species, **Mesalina bishnoi**, has been discovered in **Rajasthan**.

Taxonomic Significance

- It is a newly identified species belonging to the genus Mesalina.
- It marks the first confirmed record of the genus Mesalina in India.
- The genus comprises small, fast-moving, diurnal lizards adapted to arid habitats.

Geographical Distribution

- The species was discovered near **Gajner, Bikaner district, Rajasthan.**
- It inhabits rocky arid landscapes with sparse desert vegetation.
- It is currently known only from its type locality.
- It is considered endemic to the **Thar Biogeographic Province.**

Physical Characteristics

- The lizard has a **snout-vent length of 39.2 mm.**
- It exhibits **greyish to olive-brown coloration.**
- It possesses dorsolateral stripes extending from the neck to the tail.
- Black markings occur behind the eyes, with dark blotches and white spots across the body.

Conservation Relevance

- The species is named after the **Bishnoi community** for its contributions to wildlife conservation.
- Its discovery highlights the biodiversity significance of the **Thar Desert ecosystem.**

Space

BLUE MICROMOON

Why in News:

- Skywatchers are expected to witness a rare **Blue Micromoon** event.

Understanding a Blue Moon

- A **Blue Moon** is the second full moon occurring within a calendar month.
- It occurs because the interval between full moons is about **29.5 days.**
- On average, a Blue Moon appears about once every **33 months.**
- Two Blue Moons in the same year occur roughly four times per century.

Understanding a Micromoon

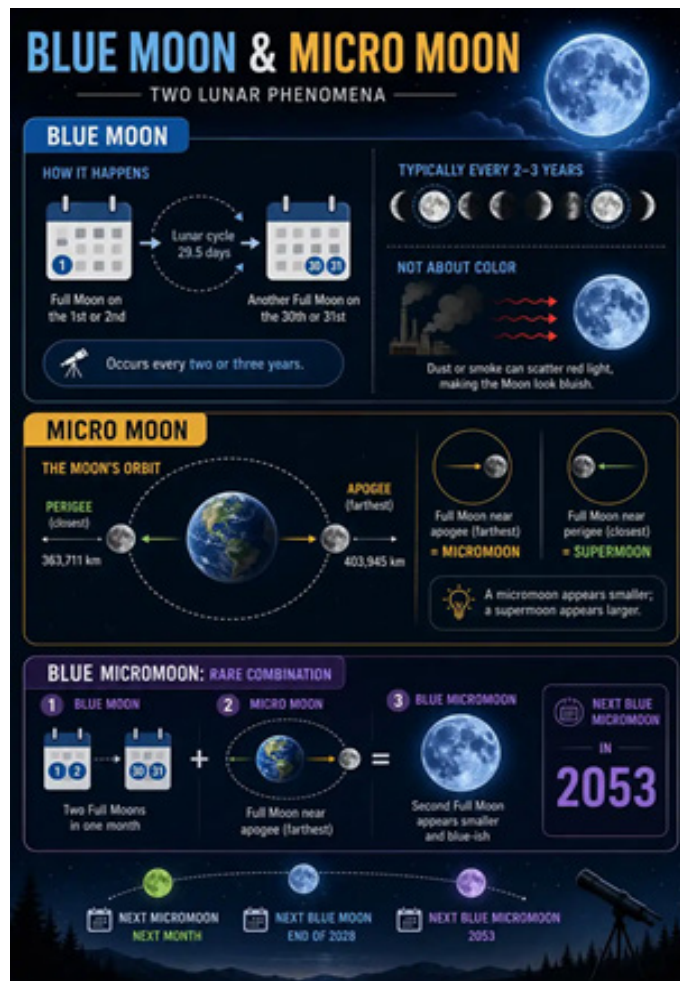
- A **Micromoon** occurs when a full moon coincides with the Moon's **apogee**.
- The Moon's orbit around Earth is **elliptical** rather than circular.
- The Moon is about **403,945 km** away at apogee.
- A Micromoon appears around **14% smaller than a supermoon**.

Astronomical Concepts

- **Perigee** is the Moon's closest point to Earth at approximately **363,711 km**.
- A full moon near perigee is known as a **Supermoon**.
- A full moon near apogee is termed a **Micromoon**.

Frequency and Observation

- Blue Micromoons occur roughly once every few decades.
- No special equipment is required for observation under clear skies.



UTTAR PRADESH IN NEWS**SECOND BRICS CULTURE WORKING GROUP (CWG) MEETING**

PIB

India to Host Second BRICS Culture Working Group Meeting in Varanasi on June 4-5, 2026

Shri Vivek Aggarwal, Secretary, Ministry of Culture, today announced that the 2nd BRICS Culture Working Group (CWG) Meeting will be held in...

**Why in News?**

- India will host the **Second BRICS Culture Working Group (CWG) Meeting** in **Varanasi, Uttar Pradesh**, in **June 2026**.

Key Highlights

- The meeting aims to strengthen cultural cooperation and people-to-people exchanges among **BRICS countries**.
- Discussions will focus on **heritage conservation, museums, creative industries, cultural tourism, and cultural exchanges**.
- It highlights the growing importance of **cultural diplomacy** within the BRICS framework.
- **Varanasi**, one of the world's oldest living cities, showcases India's rich cultural and spiritual heritage.

BRICS at a Glance

- The term **BRIC** was coined by **Jim O'Neill** in **2001**.
- The first **BRIC Summit** was held in **Russia** (2009).
- **South Africa** joined in **2010**, forming **BRICS**.
- In **2024**, **Egypt, Ethiopia, Iran, Saudi Arabia, and UAE** joined the grouping.
- **Indonesia** became a member in **2025**.
- **Headquarters of New Development Bank (NDB): Shanghai, China.**