

SANSKRITI IAS DAILY CURRENT AFFAIRS

19-06-2026

Mimeusemia kali

 The Times of India

After 30 years, new forester moth species discovered in Karnataka's Kali Tiger Reserve

New forester moth species, *Mimeusemia kali*, discovered in Karnataka's Kali Tiger Reserve after 30 years; ZSI study in Zootaxa updates genus...

Why in News

- Scientists discovered a new forester moth species, *Mimeusemia kali*, in Kali Tiger Reserve, Karnataka.

Species Profile

- It is a new species of forester moth.
- It is the first addition to the *Mimeusemia* genus in nearly 30 years.
- The genus belongs to the *Noctuidae* family.
- It possesses unique physical, reproductive and genetic characteristics.

Kali Tiger Reserve

- Located in Uttara Kannada district, Karnataka.
- Earlier called Dandeli-Anshi Tiger Reserve.
- The Kali River flows through the reserve.
- It is home to Great Indian Hornbill and Black Panther.
- Dominant vegetation includes moist deciduous and evergreen forests.

Key Facts About Moths

- Moths belong to the order *Lepidoptera*.
- Nearly 160,000 species of moths are known globally.
- Most are nocturnal, though some are diurnal.
- Many species are important pollinators.

National Internet Exchange of India (NIXI)

PIB

NIXI Marks 23rd Foundation Day

NIXI Marks 23rd Foundation Day. MeitY Secretary Launches Four Digital Platforms; Initiatives aim to boost transparency, efficiency and...



Why in News

- NIXI celebrated its 23rd Foundation Day on 19 June.

Institutional Profile

- It is a Section 8 not-for-profit organisation.
- It functions under MeitY.
- It promotes internet penetration and domestic internet traffic exchange.

IRINN stands for the **Indian Registry for Internet Names and Numbers**. It is the National Internet Registry (NIR) in India, responsible for coordinating the allocation and registration of Internet Protocol (IPv4 and IPv6) addresses and Autonomous System (AS) numbers.

Key Functions

- It manages .IN and .Bharat domains.
- It operates 79 Internet Exchange Points (IXPs).
- It allocates IP addresses through IRINN.
- It supports domain names in 22 Indian languages.

Etalin Hydroelectric Project

Energetica India Magazine

NHPC Signs MoA with Arunachal Pradesh for 3,097 MW Etalin Hydroelectric Project

NHPC Signs MoA with Arunachal Pradesh for 3,097 MW Etalin Hydroelectric Project. NHPC has signed a Memorandum of Agreement with the...



Why in News

- NHPC Limited signed an MoA with Arunachal Pradesh for the 3,097 MW Etalin Hydroelectric Project.

Project Features

- It is located on the Dri and Talo rivers, tributaries of the Dibang River.
- It is among India's largest hydropower projects.



- It will generate **12,752 GWh** annually.
- It will be developed through two **run-of-the-river schemes**.

Ecological and Social Dimensions

- The area lies within a global biodiversity hotspot.
- It is inhabited predominantly by the **Idu-Mishmi tribe**.

Administrative Features

- It will follow the **BOOT (Build, Own, Operate and Transfer)** model.
- **NHPC** will operate the project for **40 years** from **COD**.

Green Hydrogen Certification Scheme (GHCI)



Union Minister Shri Pralhad Joshi Launches Green Hydrogen Certification Portal to Enhance Transparency in Green Hydrogen Sector

Union Minister Shri Pralhad Joshi Launches Green Hydrogen Certification Portal to Enhance Transparency in Green Hydrogen Sector...



Why in News

- **MNRE** launched the **Green Hydrogen Certification Portal of India (GHCI)**.

Institutional Framework

- It is part of the **National Green Hydrogen Mission**.
- It aims to create a credible market for green hydrogen.

Certification Standards

- Emissions must not exceed **2 kg CO₂e/kg hydrogen** averaged over 12 months.
- Eligible pathways are **Electrolysis** and **Biomass Conversion**.
- Verification is conducted by **Accredited Carbon Verification (ACV)** agencies recognised by **BEE**.

Certification Categories

- **Concept Certificate**
- **Facility-Level Certificate**
- **Provisional Certificate**
- **Final Certificate**
- Final certificates are mandatory for incentive beneficiaries.

SHe-Box Portal



Govt Strengthens Women's Safety Framework with Upgraded SHe-Box 2.0 Portal Under Mission Shakti Initiative

The government has undertaken a series of structural and policy interventions to enhance women's safety, dignity and participation across...



Why in News

- **SHe-Box Portal** has strengthened women's workplace safety under **Mission Shakti**.

Legal and Institutional Framework

- It was launched by Ministry of Women and Child Development (2024).
- It operationalises the **Sexual Harassment of Women at Workplace Act, 2013**.
- It is a centralised complaint registration and monitoring portal.

Key Features

- It integrates **Internal Committees (ICs)** and **Local Committees (LCs)**.
- It provides complaint filing, tracking and time-bound disposal.
- It enables real-time monitoring through nodal officers.
- It covers organised, unorganised, public and private sectors.
- It ensures confidentiality and protection against retaliation.
- It is available in **22 languages**.

Other Important News of the day

Places in News

Strait of Messina

Why in News

- Japan and Italy discussed cooperation on a proposed bridge across the Strait of Messina.

WORLD'S LONGEST SUSPENSION BRIDGE
Italy will finally build a bridge connecting Sicily to the country's mainland first envisioned by the Romans thousands of years ago



Geographical Features

- It is a narrow strait in southern Italy.
- It separates mainland Italy from Sicily.
- It connects the Tyrrhenian Sea with the Ionian Sea.
- Both seas are part of the Mediterranean Sea.
- It is about 32 km long and 3.1 km wide at its narrowest point.

Oceanographic Characteristics

- Average depth is 90 m and maximum depth is 250 m.
- It is known for strong currents, whirlpools and tidal flows.
- The strait supports a unique marine ecosystem.
- High phosphorus and nitrogen levels sustain rich biodiversity.

Historical and Ecological Relevance

- Ancient sailors feared Scylla and Charybdis from Greek mythology.
- It serves as a migratory route for fish species.
- Several bird species cross the strait annually during migration.

Environment

Spilomena malabarica

Inshorts

[A new pest-eating wasp discovered in Kerala | Tap to know more | Inshorts](#)

Scientists S Amal and P Girish Kumar from the Zoological Survey of India have discovered a new aphid wasp species in Kozhikode, Kerala.

Why in News

- Scientists discovered a new aphid wasp species, **Spilomena malabarica**, in Kozhikode, Kerala.

Species Characteristics

- It is a tiny **aphid-hunting wasp**.
- It measures around **3.5 mm** in length.
- It is the **11th species** of its genus reported from India.
- It is the **98th species** identified globally.

Distinctive Features

- It possesses a single **submarginal cell** on its forewing.
- It has a flatter **clypeus** and a proportionate head structure.
- It differs significantly from **Spilomena unus**.

Defence

Exercise Khaan Quest

News on air

[Indian Army contingent leaves for Mongolia to participate in Exercise KHAAN QUEST 2026](#)

An Indian Army contingent will leave today for Mongolia to participate in the multinational joint military exercise, Exercise KHAAN QUEST...



Why in News

- An Indian Army contingent will participate in Exercise Khaan Quest 2026 in Mongolia.

Exercise Profile

- It is an annual multinational military exercise.
- It is hosted by **Mongolia** and co-sponsored by **U.S. Pacific Command**.

	<ul style="list-style-type: none"> • It focuses on UN Chapter VII peace support operations. <p>Historical Background</p> <ul style="list-style-type: none"> • It began as a USA–Mongolia bilateral exercise in 2003. • It became a multinational exercise from 2006 onwards. <p>2026 Edition</p> <ul style="list-style-type: none"> • It is the 23rd edition. • It will be held from 20 June–3 July 2026 at Five Hills Training Area, Ulaanbaatar. • India is sending 40 personnel, including troops from the JAT Regiment. • It will include checkpoint operations, cordon-and-search, civilian evacuation and counter-IED drills.
<p>Science and Technology</p>	<p style="text-align: center;">Smart Seed Coating Technology</p> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p> DD India</p> <p>ICAR-IIOR Unveils Smart Seed Coating Technology to Boost Crop Yields and Climate Resilience</p> <p>In a major breakthrough for climate-resilient agriculture, the Indian Council of Agricultural Research's Indian Institute of Oilseeds...</p>  </div> <p>Why in News</p> <ul style="list-style-type: none"> • ICAR–Indian Institute of Oilseeds Research (ICAR–IIOR), Hyderabad developed Smart Seed Coating Technology to improve crop resilience and productivity. <p>Technological Features</p> <ul style="list-style-type: none"> • It is an innovative biopolymer-based seed coating technology. • It creates a biodegradable multifunctional protective layer around seeds.

- It directly delivers microbes, nutrients and crop protection agents at the seed-soil interface.

Agricultural Significance

- It improves germination and early plant growth.
- It strengthens root development and stress tolerance.
- It creates a favourable microenvironment during crop establishment.
- It is suitable for cereals, millets, pulses, vegetables and horticultural crops.

Strategic Importance

- It is especially useful for **rainfed agriculture**, which occupies a major share of India's cultivated area.
- It supports **climate-resilient agriculture**.
- It aligns with sustainable agriculture and efficient resource utilisation goals.

Uttar Pradesh in News

Uttar Pradesh Fisheries Growth

TH The Hindu

Uttar Pradesh pushes comprehensive policy in fisheries sector eyeing rural prosperity

Uttar Pradesh launches a comprehensive fisheries policy to enhance rural prosperity and create sustainable income for farmers and...



Why in News

- Uttar Pradesh is rapidly emerging as a major inland fisheries hub through policy reforms, infrastructure expansion, women-led entrepreneurship and targeted support to fish farmers.

Governance Reforms and Policy Support

- Pond lease periods have been extended from 3 years to 10 years to provide long-term investment certainty to fish farmers.
- Mukhyamantri Matsya Sampada Yojana (MMMSY) was launched in 2022-23 to support fisheries activities in Gram Sabha ponds.
- Pradhan Mantri Matsya Sampada Yojana (PMMSY) aims to achieve sustainable fisheries development and increase fish farmers' incomes.
- Kisan Credit Card (KCC) has improved access to institutional credit for fish farmers.
- Subsidies ranging from 40% to 60% are being provided under state fisheries schemes.

Women-Led Fisheries Development

- ICAR-NBFGR's Mission Navshakti 2.0 is empowering Scheduled Caste women and SHG members through fisheries-based entrepreneurship.
- Women are being trained in ornamental fish culture and aquarium fabrication.
- The initiative operates in Barabanki, Sitapur and Unnao districts.
- It follows a hub-and-spoke model that creates local market linkages.
- Participants receive startup kits, solar lights and aquarium accessories.
- Around 325 women have already been trained under the programme.

Infrastructure and Blue Economy Expansion

- Unnao is emerging as a fisheries growth hub through modern aquaculture infrastructure.
- Fisheries development is being linked with value chains, market access and entrepreneurship.

- The **Union Budget 2026-27** announced integrated development of **500 reservoirs and Amrit Sarovars**.
- The Budget also emphasised strengthening fisheries value chains through **women-led groups and Fish Farmer Producer Organisations (FFPOs)**.

Economic and Social Significance

- Fisheries are becoming an important pillar of **rural livelihood diversification**.
- The sector supports **women's economic empowerment** and reduces dependence on traditional agriculture.
- Fisheries contribute to the **Blue Economy** by generating employment, increasing incomes and promoting sustainable resource utilisation.
- Fisheries-led growth is strengthening rural economies across Uttar Pradesh. (Indian Council of Agricultural Research)

Important Schemes

Scheme	Key Feature
PMMSY	Launched on 10 September 2020 for sustainable fisheries development
MMMSY	Uttar Pradesh scheme launched in 2022-23
Mission Navshakti 2.0	ICAR initiative for women entrepreneurship through ornamental fisheries
KCC for Fish Farmers	Institutional credit support

Important Institutions

- **ICAR-NBFGR: Indian Council of Agricultural Research – National Bureau of Fish Genetic Resources**, headquartered in **Lucknow, Uttar Pradesh**.