

PRABHA IAS IPS COACHING ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 12/03/2026

1. New Moth Species:

Recent - Zoological Survey of India scientists recently discovered two new lichen moth species—*Caulocera hollowayi* and *Asura buxa*—in the eastern Himalayas.

They are two new lichen moth species discovered from the eastern Himalayas.

Caulocera hollowayi was identified from specimens collected near Golitar in Sikkim.

Researchers distinguished this species through its unique wing patterns, colour bands, and specific microscopic body features that differentiate it from previously known moths of the same genus.

Asura buxa, was discovered from specimens collected at Panijhora in West Bengal.

Scientists noted that the moth possesses distinctive colour patterns on its wings along with unique internal anatomical characteristics that confirmed it as a new species.

2. Tephra:

Recent - Kīlauea has been erupting episodically within Hawai'i Volcanoes National Park since December 23, 2024, and although lava flows remain confined to the caldera, tephra from lava fountains may impact downwind communities.

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Tephra, a volcanology term for ash, is small rock fragments ejected from a volcano into the atmosphere, which is then deposited around and downwind of the volcano.

The size of particles that fall out is largest near the volcano and gets progressively smaller further from the volcano.

Tephra produces a wide range of hazards.

When the ejected material is in the atmosphere, it is electrically charged and often produces lightning.

3. Fiscal Health Index:

Recent - the NITI Aayog released the second annual edition of the “Fiscal Health Index 2026” in New Delhi.

It was introduced by NITI Aayog, provides a systematic framework to evaluate the fiscal performance of 18 major Indian states, 10 North-Eastern and Himalayan states.

It provides a comprehensive and comparable assessment of the fiscal performance of Indian states.

The Index has been designed as a data-driven framework to evaluate fiscal soundness, guide reforms, and promote evidence-based fiscal policymaking across states.

It is built on five key pillars of fiscal health: Quality of Expenditure, Revenue Mobilisation, Fiscal Prudence, Debt Index, and Debt Sustainability.

4. Kamakhya Temple:

Recent - The South Central Railway (SCR) will operate Amrut Bharat Express connecting Assam and two Telugu States facilitating devotees to visit Maa Kamakhya temple on Nilachal Hill in Guwahati in Assam.

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It is situated on Nilachal Hill and adjoins the southern bank of the Brahmaputra River in Guwahati, Assam.

The temple is dedicated to Goddess Sati, an incarnation of goddess Durga and the consort of Lord Shiva.

It is one of the most revered centres of Tantric practices.

It is regarded as one of the oldest of the 51 Shakti Peethas in India.

5. Asteroid 2024 YR4:

Recent - NASA has officially ruled out the possibility of asteroid 2024 YR4 asteroid 2024 YR4 colliding with the moon in 2032.

It is classified as an Apollo-type asteroid, meaning its orbit crosses Earth's orbit but spends most of its time beyond it.

Origin: The study reveals YR4 is a solid, stony type that likely originated from an asteroid family in the central Main Belt between Mars and Jupiter,

It was discovered in 2024, by the Asteroid Terrestrial-impact Last Alert System (ATLAS) telescope in Chile.