

Warning: Bhagyaachievers possesses all copyrights on its content. This doesn't allow anyone to use its content for commercial purposes. If any infringement is found, legal action will be taken against the individual or entity. If you want to use the content for commercial purposes, kindly write to us at www.bhagyaachievers.com

Daily Current Affairs (2025)

1. India's first Coastline-Waders Bird Census has conducted at which place?

- [A] Pulicat Lake Bird Sanctuary, Andhra Pradesh
- [B] Marine National Park, Jamnagar
- [C] Satpura National Park, Madhya Pradesh
- [D] Nawabganj Bird Sanctuary, Uttar Pradesh

Correct Answer: B [Marine National Park, Jamnagar]

Gujarat government and Bird Conservation Society of Gujarat (BCSG) conducted India's first coastal and wader bird census from January 3 to 5, 2025, at the Marine National Park and Marine Sanctuary in Jamnagar. Jamnagar district in Gujarat hosts 300+ bird species, including 50+ wader bird species. The three-day event includes expert talks on Day 1, bird counting on Day 2, and a closing ceremony with knowledge sharing on Day 3. The census will focus on wader and coastal bird species in the Marine National Park and Marine Sanctuary.

2. Which city is the venue of the 31st National Children's Science Congress?

- [A] Bhopal
- [B] Hyderabad

[C] Jaipur

[D] Lucknow

Correct Answer: A [Bhopal]

Chief Minister Dr. Mohan Yadav inaugurated the 31st National Children's Science Congress in Bhopal, held from January 3 to 6, 2025. More than 700 child scientists, teachers, and mentors from across India and Gulf countries like Bahrain, UAE, Kuwait, Oman, and Saudi Arabia participated in the event. The theme of the event is "Understanding Ecosystems for Health and Well-being." The event aims to inspire children to develop scientific temper and solve societal problems through innovation. Activities include the Chandrayaan Mission Exhibition, Water Rocketry, Robotics, Hydroponics, Environmental Snakes and Ladders, Cheetah Conservation Exhibition, and scientific folk songs.

3.The Genetic Engineering Appraisal Committee (GEAC) functions under which ministry?

[A] Ministry of Science and Technology

[B] Ministry of Environment, Forest, and Climate Change

[C] Ministry of Agriculture

[D] Ministry of Electronics and Information Technology

Correct Answer: B [Ministry of Environment, Forest, and Climate Change]

The Union Ministry of Environment, Forest, and Climate Change has amended the rules for selecting experts for the Genetic Engineering Appraisal Committee (GEAC). GEAC is a statutory committee under the 1989 rules for hazardous and genetically engineered organisms framed under the Environment (Protection) Act, 1986. It was renamed from the Genetic Engineering Approval Committee to

Genetic Engineering Appraisal Committee in 2010. GEAC operates under the Ministry of Environment, Forest, and Climate Change (MoEF&CC).

4.Which institute has recently developed bacteria to combat soil pollution and boost agriculture?

- [A] IIT Kanpur
- [B] IIT Madras
- [C] IIT Bombay
- [D] IIT Guwahati

Correct Answer: C [IIT Bombay]

IIT Bombay researchers developed a solution to tackle soil pollution using bacteria that consume toxic pollutants and produce essential nutrients. These bacteria degrade harmful substances, boost plant growth hormones, inhibit harmful fungi, and improve nutrient availability for plants. This innovation can reduce reliance on chemical pesticides and enhance soil health and fertility. The bacteria, mainly from the genera *Pseudomonas* and *Acinetobacter*, were isolated from highly toxic environments and contaminated soils. They effectively break down aromatic pollutants like carbaryl, naphthalene, and phthalates, commonly found in pesticides and industrial by-products. The research offers an eco-friendly alternative to expensive traditional soil remediation methods.

5.The Brazilian Velvet Ant species is mainly found in which habitat?

- [A] Rainforest
- [B] Shrub desert
- [C] Savanna grasslands
- [D] None of the Above

Correct Answer: B [Shrub desert]

Scientists discovered that the dark markings on the Brazilian Velvet Ant absorb nearly all visible light, reflecting less than 1%. Velvet ants, a group of parasitic wasps, are known for bright coloration and a powerful sting. They are wingless, with distinct black and white markings, and are mainly found in Brazil's Caatinga shrub desert. Velvet ants are highly mobile, covering long distances to find hosts, and are most active in early morning and late afternoon. The ultra-black pigmentation helps them absorb light and enhances their unique appearance in the animal kingdom.

A **"copyright infringement notice warning"** is a formal notification sent to an individual or entity informing them that they are suspected of using copyrighted material without permission, essentially stating that they are violating copyright laws and must cease and desist from further unauthorized use of the protected work; this notice typically includes details about the infringing material, the copyright owner's identity, and a request to remove the content or seek proper authorization to use it.