

PRABHA IAS IPS COACHING ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 01/04/2026

1. *Neoloboptera peninsularis*:

Recent - Researchers have identified *Neoloboptera peninsularis*, a new cockroach species, in Pune, Maharashtra.

India Record: It is only the third *Neoloboptera* species recorded in India and the first cockroach identified using DNA technology.

Appearance: The species has a glossy, yellowish-brown body with asymmetrical cerci.

Habitat: It was found in palm shrubs and dry, decaying leaf litter.

Distribution: *N. peninsularis* is endemic to Peninsular India.

2. Centre Notifies Bhavasagara as National Deep-Sea Fauna Repository:

Recent - Ministry of Environment, Forest and Climate Change (MoEFCC) designated “Bhavasagara” Referral Centre as India’s National Repository for Deep-Sea Fauna.

The recognition was conferred under the provisions of the Biological Diversity Act, 2002.

Bhavasagara is situated at the Centre for Marine Living Resources & Ecology (CMLRE) in Kochi, Kerala.

3. CSIR Transfers Indigenous Bio-Bitumen Technology:

Recent - Council of Scientific and Industrial Research (CSIR) transferred indigenously developed Bio-Bitumen technology for large-scale industry adoption.

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Collaboration: CSIR-Central Road Research Institute (CRRI) and CSIR-Indian Institute of Petroleum (IIP) jointly developed the technology.

Significance: Industrial adoption will decrease India's bitumen import costs, while utilising crop residue will aid in reducing stubble burning.

4. IONS Maritime Exercise (IMEX) TTX 2026:

Recent - The Indian Navy hosted IMEX TTX 2026 at the Maritime Warfare Centre, Kochi.

Organisation Involved: Under the framework of the Indian Ocean Naval Symposium (IONS).

Participation: Included navies from Bangladesh, France, Indonesia, Kenya, Maldives, Mauritius, Myanmar, Seychelles, Singapore, Sri Lanka, Tanzania, and Timor-Leste.

5. INS Agray:

Recent - 'Agray', the fourth Anti-Submarine Warfare Shallow Water Craft (ASW SWC), was recently delivered to the Indian Navy.

INS Agray is an Arnala-class ASW SWC with over 80% indigenous content, built by Garden Reach Shipbuilders and Engineers (GRSE), Kolkata.

It is designed for sub-surface surveillance, search-and-attack missions and anti-submarine operations; also supports mine-laying and low-intensity maritime operations (LIMO).