

## UPSC Daily Current Affairs| One Liners 13-06-2026

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#### History, Art and Culture

##### Jaspal Rana Ji

The legendary Indian shooter and coach Jaspal Rana passed away at the age of 49 recently.

##### • **Achievements**

- 1<sup>st</sup> national-level gold medal at just 12 years of age.
- **Commonwealth Games** - Won a staggering 15 medals (9 gold, 4 silver, and 2 bronze).
- **Asian Games** - Secured 8 medals (including 4 golds).
- **Awards received** - **Arjuna Award** (1994), **Padma Shri** (1997), **Dronacharya Award** (Bestowed in 2020 for his stellar coaching).

#### Polity & Governance

##### Aircraft Accident Investigation Bureau (AAIB)

- **Attached office of** - Ministry of Civil Aviation
- **Functions under** - Aircraft (Investigation of Accidents and Incidents) Rules, 2017, amended in 2021.
- **Aim** - To enhance aviation safety via analysis and recommendations.
- **Global alignment** - Safety operations conducted in full compliance with International Civil Aviation Organization (ICAO) Annex 13.

##### Varya

- It is a video generating module.
- **Launched under** - India AI mission.
- **Developed by** - Avtaar.ai under the support from AI Mission indigenously.
- **Objective** - To generate and visualize India's diverse culture and everyday life.
- **Feature**
  - 10X Times Efficient Over Leading Models.
  - Convert Text into Videos by Smart Prompting.
- **Significance** - It brings Affordable AI Video Generation Service to India at Population Scale.

##### 'Swadha' (or 'Svadha') Wellness Wear Collection

Recently Khadi India' launched the 'Swadha' wellness wear collection.

- It is a specialized line of mindful clothing crafted from hand-spun Khadi.
- **Name origin**
  - Derived from the Atharva Veda, 'Svadha' translates to ease, comfort, or quiet pleasure.
  - This concept serves as the functional foundation for the entire collection.
- **Developed by** - Centre of Excellence for Khadi (CoEK).
- **Joint initiative** - Khadi and Village Industries Commission (KVIC) and the National Institute of Fashion Technology (NIFT).
- **Significance** - It modernizes traditional textiles for contemporary lifestyles.

## SARTHI (Strategic Advisory and Reforms Taskforce for Holistic ITI Transformation)

Recently the first meeting of SARTHI convened at Vigyan Bhavan in New Delhi.

- **Convened by** - Ministry of Skill Development and Entrepreneurship (MSDE).
- **Objectives** - To modernize India's Industrial Training Institutes (ITIs) and align vocational education to meet evolving industry needs.
- To institutionalize long-term CTS (Craftsmen Training Scheme) reforms across 13,888 ITIs."

## Environment

### Ingerana Occidens

*Ingerana occidens* is a new species of frog discovered in the Garo and Khasi Hills of Meghalaya.

- It commonly known as the **Western Trickle Frog**,
- **Name Origin** - 'Occidens' derives from Latin for "west," marking the westernmost range of the genus.
- **Family** - Dicroglossidae.
- **Found in** - Garo and Khasi Hills of Meghalaya, south of the Brahmaputra River.
- **Genetic Divergence** - Shows ~18% DNA difference from *Ingerana borealis* north of the Brahmaputra, confirming distinct species status.
- **Key Features**
  - Smaller size (adult females ~26 mm).
  - Smooth skin with mild wrinkling, unlike the heavily wrinkled northern relative.
  - Distinct lateral stripe of contrasting colour.
  - Prominent tympanum (eardrum) with strong skin fold, unlike the nearly invisible eardrums of *I. borealis*.



## Security

### Defence Research and Development Laboratory (DRDL)

Recently defence minister inaugurates an Advanced Weapon System Complex at DRDL.

- It is a premier aerospace and missile systems research facility, under DRDO, India's primary military R&D agency.
- **Founded in** - 1958 at Hyderabad, Telangana.
- **Specialization** - It focuses on advanced missile systems and aerospace technologies crucial for national security.
- It boosts the integration and development of indigenous air defence platforms.
- **Key Areas** - To expertise in missile technology, rocket engineering, aerodynamics, navigation systems, and propulsion.
- **Major Contributions** - Agni series, Prithvi missiles, BrahMos supersonic cruise missile, air defence systems, and tactical missiles.

### Project Kusha

- **Official Name** - Extended Range Air Defence System (ERADS) or Precision-Guided Long-Range Surface-to-Air Missile (PGLRSAM).
- It is an indigenous long-range surface-to-air missile (SAM) defence system.
- **Led by** - DRDO with the involvement of Bharat Electronics Limited (BEL) for the radar systems and integration.
- **Aim** - To protect strategic and civilian assets from stealth aircraft, drones, and cruise or ballistic missile
- **Primarily designed for** - Indian Air Force (IAF).

### **Schemes**

#### Pradhan Mantri Janjati Adiwasi Nyaya Maha Abhiyan (PM JANMAN)

- **Launched in** - 2023-24
- **Purpose** - To socio-economically empower 75 Particularly Vulnerable Tribal Group (PVTG) communities across 18 states and one union territory.
- **Aim** - To provide basic facilities such as safe housing, access to education, health and connectivity, electrification of households, livelihood opportunities in 3 years.
- **Other role** - Setting up Van Dhan Vikas Kendras for economic empowerment, and building hostels for tribal students.

### **Science**

#### Vitamin C (Ascorbic Acid)

- It is an essential water-soluble nutrient and potent antioxidant.
- **Dietary Need** - Humans cannot produce it; it must be obtained daily through diet.
- **Key Functions**
  - Synthesizes collagen (skin, joints, blood vessels).
  - Boosts immunity.
  - Enhances iron absorption.
- **Health Role** - Aids in building and repairing connective tissues; vital for wound healing and scar tissue formation.
- **Crucial for** - Synthesizing collagen (for skin, joints, and blood vessels), boosting immunity, and absorbing iron.
- **Sources**
  - **Fruits** - Oranges, strawberries, kiwi, papayas, and guavas.
  - **Vegetables** - Red and green bell peppers, broccoli, tomatoes, and brussels sprouts

