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**
  - 1st 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

SHANKAR IAS PARLIAMENT
Information is Empowering