

## UPSC Daily Current Affairs| One Liners 15-06-2026

### One Liners 15-06-2026

#### Polity & Governance

##### National Defence Academy (NDA)

Recently, the 1<sup>st</sup> batch of women cadets trained at NDA commissioned into Defence Forces.

- It is the *world's 1<sup>st</sup> tri-service academy*, where Army, Navy, and Air Force train together.

- **Located in** - Khadakwasla, Pune.

- **Established** - December 1954.

- **Role** - Training institution of the Indian Armed Forces.

- **Training duration** - 3-year academic and military training program

##### Drone-Based Mail Transmission Service

Recently Drone-Based Mail Transmission Service is rolled out in India for the first time in Himachal Pradesh.

- **Launched in** - Himachal Pradesh, by Department of Posts.

- **Nodal ministry** - Ministry of Communications.

- **Advantages** -

- Reduced Transit Times,

- Accessibility & Reliability,

- Real-time tracking,

- Environmental sustainability.

#### Environment

### **Chocolate-chip Sea Star**

Recently, a remarkable structure in the chocolate-chip sea star has come to light.

- **Scientific name** - Protoreaster Nodosus

- **Habitat** - Warm, shallow waters of the Indo-Pacific region.

- **Appearance**

- **Base color** - Tan, orange, or creamy white.

- Distinctive black, dark brown, or red spikes resembling *chocolate chips*.

- **Physical Structure** - Skeleton made of *small calcareous plates*, providing flexibility.

- **Unique Adaptation** - Skeletal structure acts like *optic fibers, concentrating and transmitting light into their arms*.



## Paraquat (Paraquat Dichloride)

Recently Telangana government banned paraquat herbicide.

- It is among the most widely used herbicides globally.

### **Nature & Characteristics**

- **High human toxicity** - It Causes severe illness and can lead to death.

- **Strong evidence** - Linked to high morbidity and mortality rates.

- **Public health risk** - Many countries advocate strict regulation or complete prohibition.

- **Non-selective behaviour** - Destroys any green plant vegetation it touches.

### **Mode of Action**

- **Cell destruction** - Breaks down plant cell structures.

- **Photosynthesis inhibition** - Prevents plants from producing energy.

- **Oxidative stress** - Triggers severe stress reactions on plant tissues upon contact.

## **Security**

### INS Tarkash

*INS Tarkash arrived at Port Victoria, Seychelles as part of its ongoing South West Indian Ocean operational deployment.*

- **Class & Origin** - Second ship of the second batch of Talwar-class frigates (Teg class).

- **Work with** - Indian Navy

- **Constructed at** - Yantar Shipyard in Kaliningrad, Russia.

- **Motto** - "Vanguard to Victory"

- **Past missions** - Operation Rahat (2015), Operation Samudra Setu II (2021).

## **Science**

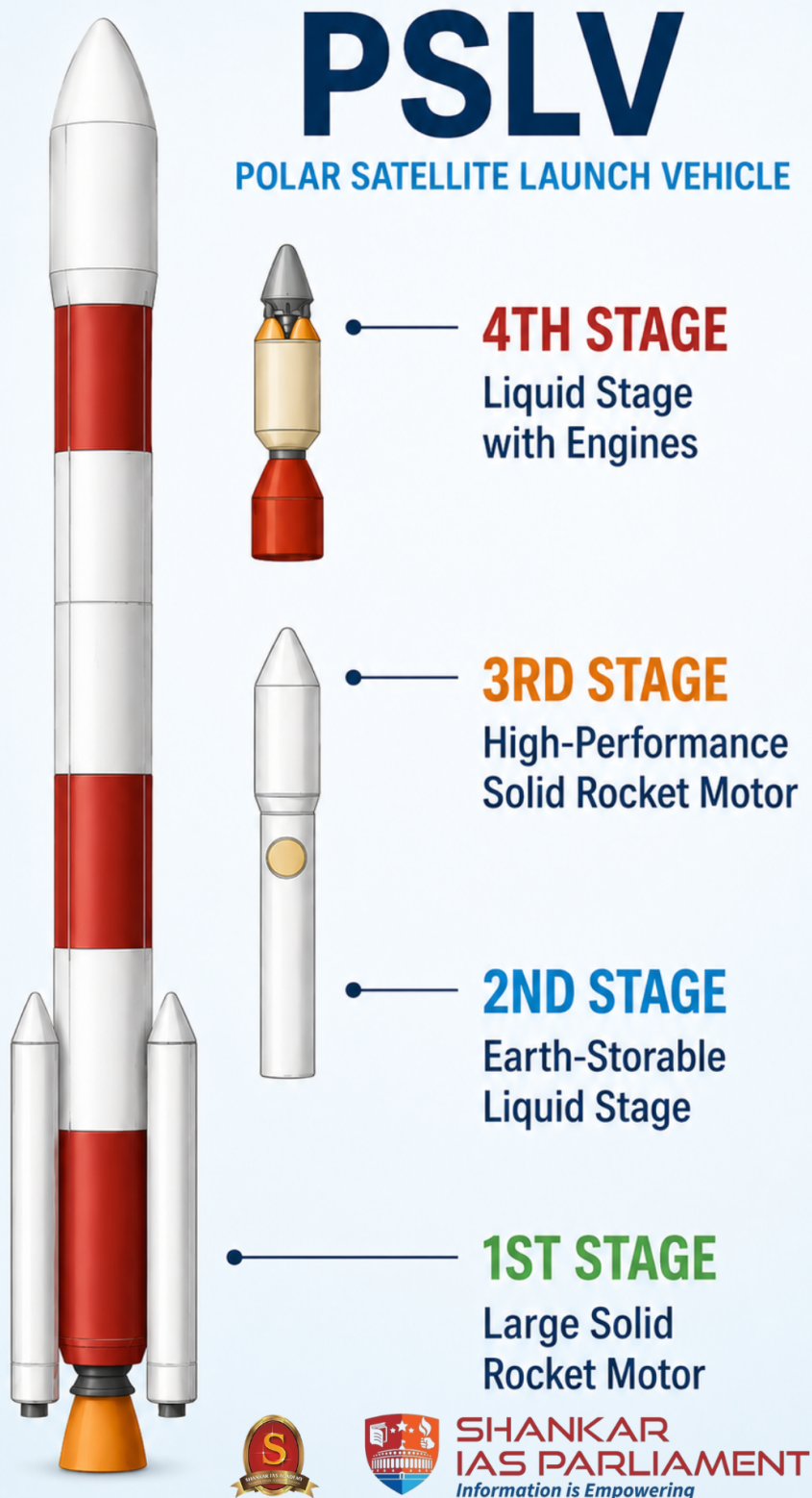
## Polar Satellite Launch Vehicle (PSLV)

Recently, Union Minister announced that the anomaly detected in the PSLV mission has been identified and resolved following expert review.

- **Operated by** - Indian Space Research Organisation (ISRO).

- **Nickname** - "The Workhorse of ISRO,"

- **Best known** - Deploying payloads into Sun-Synchronous Polar Orbits (SSPO) and Low Earth Orbits (LEO).



## **Nanographene**

Recently, scientists have found a new way to build highly porous materials using nanographene.

- It refers to *tiny, custom-tailored fragments of graphene* with lateral dimensions under **100 nanometres**.

- **Function as** - Molecular link between *bulk carbon materials and standalone organic molecules*.

- **Characteristics** - Unique electronic, magnetic and their optical behaviours entirely *determined by their exact size, shape, and edge structures*.

- **Applications**

- Quantum Technologies

- Biomedical Engineering

- Advanced Protective Coatings

- Energy Storage - To manufacture high-conductivity additives.

## **Jiangmen Underground Neutrino Observatory (JUNO)**

Recently, the JUNO collaboration in China has published its first results.

- It is the *world's largest neutrino detector*, activated underground.

- **Located at** - Guangdong Province, China.

- **Specification** - Built *700 meters underground to block interfering cosmic rays (like muons)*.

- **Objective** - To determine the neutrino mass ordering (NMO)—identifying neutrinos of the lightest and heaviest.

- **Recent observation** - Neutrinos from nuclear reactors change their flavour, or type, as they travel.

## **ANCHOR**

Recently, IIT Madras Brain Centre released the 3D atlas of human brainstem.

- **ANCHOR** - Atlas of Neurochemical Characterization of the human brainstem with 3D Reconstruction.

- It is the world's most detailed *3D neurochemical atlas of the human brainstem at cell resolution*.

- **Developed by** - Sudha Gopalakrishnan Brain Centre (SGBC) at IIT Madras.

- **Advantages**

- To zoom in nearly 1,000 times closer than a standard MRI.

- It evaluates cells at a precise micron level.



# GLOBAL PEACE INDEX 2026

## INDIA'S POSITION



India ranked  
**127<sup>th</sup>**  
in the Global  
Peace Index 2026.

## PUBLISHER & SCOPE



Published annually by the  
**Institute for Economics  
& Peace (IEP).**



Covers **163**  
independent states  
and territories.

## RANKING DOMAINS



**Societal Safety  
& Security**



**Ongoing Domestic &  
International Conflict**



**Militarisation**

## TOP 5 PEACEFUL COUNTRIES

- Iceland (1st)**
- New Zealand**
- Switzerland**
- Slovenia**
- Ireland**

## BOTTOM 5 COUNTRIES

- 163** **Russia (least peaceful)**
- 162** **Sudan**
- 161** **Democratic Republic  
of the Congo**
- 160** **Ukraine**
- 159** **Israel**



**SHANKAR**  
**IAS PARLIAMENT**  
*Information is Empowering*