

### NATIONAL

#### 1. JALDOST

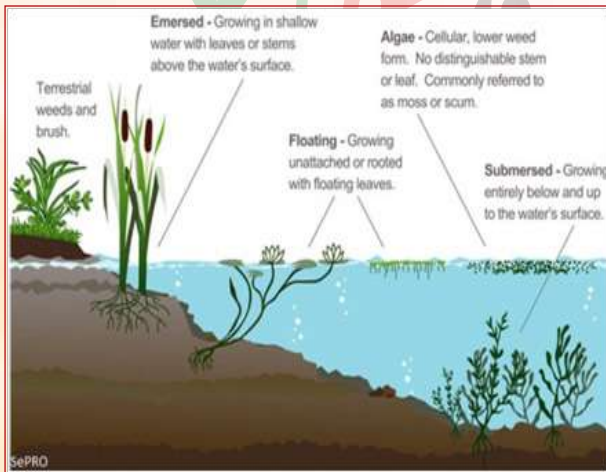
**Why in news** – CSIR-National Aerospace Laboratories, Bengaluru has unveiled JALDOST.

#### Key Points –

- JALDOST (powered by aircraft engine) is an airboat that removes aquatic weeds from lakes and rivers.
- Aquatic weeds are unwanted and undesirable vegetation that reproduce and grow in water.

#### Value Addition –

- Floating weeds - Water hyacinth (*Echhornia crassipes*), Water fern (*Salvinia molesta*), Water lettuce (*Pistia* spp) and Water velvet (*Azola pinnata*).
- Rooted weeds with floating leaves - Lotus (*Nelumbo nucifera*), White water lily (*Nymphaea alba*).



#### 2. "Utkarsh" and "Unmesh" festival

**Why in news** - President Draupadi Murmu inaugurated "Utkarsh" and "Unmesh" festival in Bhopal on August 3, 2023.

#### Key Points –

- Organised by - Sangeet Natak Akademi and Sahitya Academy under the Ministry of Culture.
- Unmesh Utsav is Asia's largest literary convention.
- About 800 artists from 36 states and UTs performed in folk and tribal arts.

### Value Addition –

Folk art	State
Jabaro dance	Leh and Ladakh
Sumi War	Nagaland
Sindhi Chham	Sikkim
Rai and Nareri	Madhya Pradesh
Lavani	Maharashtra
Singari	Odisha
Tappeta Gullu	Andhra Pradesh
Kalbeliya	Rajasthan
Tiwa, Bihu	Assam
Aaji Lamu	Arunachal Pradesh
Jhijhiya	Bihar

#### 2. Art exhibition 'Sa'

**Why in news** - Asia's highest altitude (3600m) land art exhibition Titled 'Sa' held in Leh (Disko Valley).

#### Key Points –

- It aims to explore climate, culture and community.
- Sā means soil in Ladakhi language.
- German Embassy has extended support to it.

### INTERNATIONAL

#### 1. US rating downgraded

**Why in news** - Fitch has downgraded the Sovereign rating for the United States to AA+ from AAA (highest rating).

#### Key Points –

- Reasons - fiscal deterioration, growing general government debt burden and steady deterioration in governance.
- Fitch is a global credit ratings agency.
- In 2011, Standard & Poor's (S&P) downgraded, for the first time in 70 years, the US rating from AAA to AA+.

#### 2. 16 MW wind turbine

**Why in news** - The installation of the world's largest wind turbine has now been completed off the east coast of China.

### Key Points –

- A single revolution of the blades will feed in 34.2 kWh of energy.
- In a year, the turbine can generate 66GWh of carbon-free electricity.
- Height - 500 feet (152 m).

## APPS & PORTALS

### 1. Rajmargyatra app

**Why in news** - National Highways Authority of India (NHA) launched the 'Rajmargyatra' app.

### Key Points –

- It is a citizen-centric unified mobile application.
- Key Features –
  - a) Comprehensive Highway Information.
  - b) Hassle-Free Complaint Redressal.
  - c) Seamless FASTag Services
  - d) Over-speeding notifications and voice-assistance.

### 2. Ayush visa

**Why in news** - Ministry of Home Affairs has notified the creation of a new category of Ayush (AY) visa.

### Key Points –

- Benefit - for foreign nationals for treatment under Ayush systems/Indian systems of medicine like therapeutic care, wellness and Yoga.
- It is part of India's roadmap for the Heal in India initiative, which is intended at promoting India as a medical value travel destination.
- It was earlier announced at Global Ayush Investment and Innovation Summit (GAIS) in Gandhinagar, Gujarat in April 2022.

## ECONOMY

### 1. Maharatna Status

**Why in news** - Finance Ministry has approved the upgradation of Oil India Ltd to the category of 'Maharatna'.

### Key Points –

- Oil India Ltd (M/o Petroleum & Natural Gas) - 13th Maharatna Central Public Sector Enterprises (CPSE).
- ONGC Videsh became the 14th Navratna amongst the CPSEs.

### Eligibility for Maharatna Status –

- average turnover of over Rs 25,000 crore.
- an average annual net worth of more than Rs 15,000 crore.
- an average annual net profit of over Rs 5,000 crore during the last 3 years.

## IMPORTANT DAYS

### 1. Earth Overshoot Day

**Why in news** - In 2023, it fell on August 2.

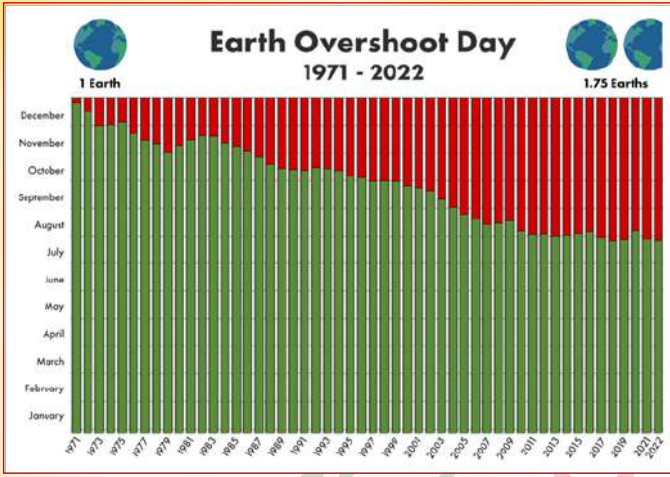
### Key Points –

- It marks the point when humanity starts consuming resources beyond the level the planet can replenish in a year.
- It is calculated by the Global Footprint Network (GFN).
- It compares humanity's ecological footprints, such as waste output, carbon emissions, and resource consumption to the Earth's ability to replenish those resources in that year.
- When we reach Earth Overshoot Day, it means that we are using up resources faster than the Earth can renew them, leading to a depletion of our planet's natural capital.
- A Country Overshoot Day reflects the ecological footprint of a country by comparing the population's demand and the nation's biocapacity.

### Value Addition –

- India is the 3rd largest emitter globally. (1st - China, 2nd - USA).
- Despite low per-capita emissions, India emits a net 2.9 gigatonnes of CO2 equivalent (GtCO2e) every year.
- As per McKinsey, by 2030, India could experience a 15% increase in lost outdoor working hours due to extreme heat posing a risk of 2.5-4.5% to GDP.





### SECURITY

#### 1. Spike Missiles

**Why in news** - Indian Air Force got Israeli Spike missiles.

#### Key Points –

- Spike is a Non-Line of Sight (NLOS) anti-tank guided missile.
- It is a fire-and-forget anti-tank missile which can hit targets up to 30 km away.
- It can be fired from the ground or even from helicopters.

### BIHAR

#### 1. Amrit Bharat Station scheme

**Why in news** - 35 stations in state to get a facelift under Amrit Bharat Station scheme.

#### Key Points –

- Selected stations - 13 (Danapur division), 12 (Samastipur) and 10 (Sonepur).
- A total of 57 stations come under East Central Railways (ECR).

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**PATNA CENTRE:** NEW BATCHES FOR **BPS ENGLISH MEDIUM** STARTING FROM 23RD AUGUST 2023.  
 NEW BATCHES FOR **UPSC ENGLISH & HINDI MEDIUM** IS STARTING FROM 13TH SEPTEMBER 2023.

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 NEW **UPSC FOUNDATION BATCH** IS STARTING FROM 16TH AUGUST 2023.



# CURRENT AFFAIRS

05 AUGUST, 2023

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## ➤ CURRENT AFFAIRS ONE LINERS ◀

- Which High Court has allowed ASI to conduct survey in Gyanvapi Masjid complex in Varanasi - **Allahabad High Court.**
- Who has been appointed special agent in charge of the Federal Bureau of Investigation (FBI) - **Shohini Sinha.**
- Who has taken over as the Chief of Staff of the Eastern Naval Command - **Sameer Saxena.**
- Which state government will expand the "Vaasipulyakkam" program for students of Classes 4 to 9 across all government schools - **Tamil Nadu.**
- Which state has announced the establishment of 'Mangrove Cell' - **West Bengal.**
- How many RPTOs (Remote Pilot Training Organization) have been approved by DGCA for drone training - **63.**
- Which state has launched the 'Amrit Vriksha Andolan' app - **Assam.**
- Which city of India is going to become India's first septic tank free city - **Navi Mumbai.**
- Which state government will set up Animal Birth Control Centers (ABC) in all municipal corporations - **Uttar Pradesh.**
- Which country plans to limit the use of smartphones by children to two hours - **China.**

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