

## Top 10 Current Affairs of Today - September 02, 2023

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Today's blog will be on the current affairs of 2nd September 2023. So, check out the current affairs and stay up-to-date. You can download PDF also for current affairs today.

Let's check this news about Inauguration of Utkela Airport. Then, we will move ahead.

# Union Minister inaugurated Utkela Airport

Minister of Civil Aviation Jyotiraditya M Scindia inaugurated Utkela airport. Direct flight between Utkela and Bhubhneswar was also inaugurated. It has been developed as a regional airport under the UDAN scheme.

### Key Points:

- A) Utkela Airport is owned by the Government of Odisha.
- B) It has been developed as a regional airport under the UDAN Scheme of the Ministry of Civil Aviation at a cost of 31 crore.
- C) The newly inaugurated Utkela-Bhubaneswar-Utkela flight route will enhance regional air connectivity.
- D) IndiaOne will be running the flights on this route.

### About UDAN Scheme:

- A) Stands for Ude Desh Ka Aam Nagrik
- B) It is a regional airport development program and part of the Regional Connectivity Scheme.
- C) It is a key component of National Civil Aviation Policy released on 15 June 2016.



[Image Source: Swarajyamag.com]

## World Sanskrit Day observed on August 31, 2023

World Sanskrit day also known as World Sanskrit Diwas is celebrated on Purnima tithi of the Shraavan month. The day coincides with the festival of Raksha Bandhan. The day is celebrated to promote and honour this ancient language through seminars, lectures and meetings.

### Key Points:

- A) Sanskrit is considered as one of the oldest languages and mother of all languages, originated in India around 3500 years ago.
- B) Sanskrit language is divided into two parts which is Vedic and Classical.
- C) The day is celebrated to show gratitude and respect towards the language.
- D) It is known as the language of God's as many Hindu Scriptures are written only in Sanskrit.
- E) Vedic Sanskrit is part of the Rig veda, the 3 Upanishads and the Puranas.



[Image Source: The Times of India]

## Electric Tractor CSIR PRIMA ET 11 developed

CSIR-CMERI recently developed a Compact Electric Tractor named as CSIR PRIMA ET 11. It is an indigenously designed and developed and 100 percent Electric Tractor. It will mainly cater small and marginal farmers of India.

### Key Points:

- A) Main purpose of the tractor is to cater the demand of agriculture field application.
- B) The developed technology is Women friendly.
- C) The Tractor is equipped with best in class hydraulic with lifting capacity of 400 kg and more.

### About CMERI:

- A) Stands for Central Mechanical Engineering Research Institute.
- B) It was founded on 26th February 1958 in Durgapur, West Bengal.
- C) Its director is Dr Naresh Chandra Murmu.
- D) It is a constituent laboratory of Indian Council of Scientific and Industrial Research.





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[Image: energyworld.com]

## IPBES 10th Plenary held at Bonn, Germany

The 140+ members of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) gathered at Bonn, Germany for the body's 10th Plenary. The meet will focus on an assessment report on "Invasive Alien Species and their Control". It is set to be released to the public on September 4, 2023.

### Key Points:

- A) Delegates at the Plenary would approve the text of the report that has taken 4 years to be developed by 86 leading experts from 49 countries.
- B) Invasive Alien Species are a key driver of biodiversity loss and they are targets under Kunming-Montreal Global Biodiversity Framework (GBF).
- C) The session will also focus on administrative issues.

### About IPBES:

- A) Stands for Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services.
- B) It was founded on April 21, 2012.
- C) It is an Intergovernmental organisation established to improve the interface between science and Policy issues of biodiversity and ecosystem.
- D) It was founded by UNEP, UNDP and FAO.





[Image Source: IPBES Official Website]

## IPRC tested CE-20 cryogenic engine

Indian Space Research Organisation's Liquid Propulsion System Centre (IPRC) in Mahendragiri successfully tested the cryogenic rocket engine to be used in its Mission Gaganyaan. The engine is to be used in the upper stage of the Launch Vehicle Mark-3, it was tested in the IPRC for 720 seconds.

### Key Points:

- A) The test was conducted to confirm the engines capacity, thrust, endurance, heat resistance etc.
- B) The Cryogenic stage is technically a very complex system due to its use of propellants at extremely low temperatures.
- C) A Cryogenic rocket stage is more efficient and provides more thrust for every kilogram of propellant it burns.

### About CE-20 Cryogenic engine:

- A) Designed and developed by Liquid Propulsion Systems Centre, subsidiary of ISRO.
- B) It will power the Cryogenic Upper stage of the LVM3 Launch vehicle.
- C) It is the first Indian cryogenic engine to feature a gas generator cycle.



[Image Source: ISRO Official Website]

## Chandrayaan 3 confirms presence of Sulphur on Lunar surface

The Laser-induced Breakdown Spectroscopy (LIBS) instrument onboard Chandrayaan 3 rover confirms the presence of Sulphur on the Lunar surface. Preliminary evidence has unveiled the presence of Aluminium, Sulphur, Calcium, Iron, Chromium and Titanium.

### Key Points:

- A) Evidence of the presence of Sulphur can reveal insights into the formation and evolution of the moon.
- B) LIBS payload is developed at the Laboratory for Electro-Optics Systems, Bengaluru.
- C) Further measurements have revealed the presence of manganese, Silicon and Oxygen.

### About LIBS:

- A) Stands for Laser- Induced Breakdown Spectroscopy
- B) It had made the first ever in-situ measurements of elemental composition of the Lunar surface near the South pole.
- C) The laser pulse generates extremely hot and localised plasma.

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[Image Source: The Economics Times]

## India's new warship Mahendragiri to be launched in Mumbai

The wife of the Vice President will launch India's latest warship, Mahendragiri at Mazagon Dock Shipbuilders Limited, Mumbai. It is the seventh and last stealth frigate of Project 17A. A warship's launch marks a significant milestone in its construction.

### Key Points:

- A) Project 17A Frigates are a follow on to the Project 17 (Shivalik Class) frigates.
- B) The previous five warships under Project 17A were launched during 2019-22.
- C) The Frigate is named after a mountain peak in Eastern Ghats located in Odisha.

### About Project 17A:

- A) Launched by defence forces of India to construct stealth guided Missile frigates.
- B) Project 17 A ships have been designed in house by the Indian Navy's Warship Design Bureau WDB.
- C) The project was launched in December 2020.





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[Image Source: Hindustan Times]

## Mutiny in Gabon

Mutinous soldiers in Gabon are said to have ousted the president whose family has ruled for 55 years. They had placed the country's newly re-elected president under house arrest. In first public appearance, President Ali Bongo called on people to make noise to support him.

### Key Points:

- A) Bongo's family has been accused of getting rich on the country's resources.
- B) Crowds took to the city's streets to celebrate the end of Bongo's reign.
- C) Every vote held in Gabon since the country's return to multi-party system in the 1990s has ended in violence.

### About Gabon:

- A) Republic of Gabon is located at Equator in West Central Africa.
- B) It was formerly a French colony and got independence on August 17, 1960.
- C) Its capital is Libreville.
- D) Its currency is Central African Franc.



[Image Source: Hindustan Times]

## New Leaf Insects discovered

An international research team recently discovered seven previously unknown species of leaf insects also known as Walking Leaves. Walking Leaves also called Leaf Insects are Insects that look very similar to Leaves.

### Key Points:

- A) They feed on plants and typically inhabit densely vegetated areas.
- B) These Insects reproduce sexually with females laying eggs that often resemble seeds or plant structures
- C) They are found in Islands of Indian Ocean, mainland South Asia and SouthEast Asia, Papua New Guinea and Australia.
- D) They measure roughly 28 to 100mm in body length
- E) Males tend to be smaller than females.
- F) The arms and legs of Walking Leaves can regenerate



[Image Source: labmanager.com]

## Pakistan beat Nepal at Asia cup 2023 opener

Pakistan crushed Nepal by a huge margin of 238 runs in the opening match of Asia cup. Pakistan scored a mammoth 342 runs for 6 wickets batting first. The opener was held at Multan in Pakistan where an opening ceremony of the event was also held.

### Key Points:

- A) Shaheen Shah Afridi struck twice in the first over as Nepal were eventually bowled out for 104.
- B) Shadab Khan, the leg spinner of Pakistan took 4 wickets.
- C) Babar Azam scored 151 and Iftikhar Ahmed made an unbeaten 109, adding 214 runs for the fifth wicket.

### About Asia Cup:

- A) Officially known as ACC Men's Asia Cup.
- B) It is a men's International cricket tournament contested between Asian countries in either ONE day international or T20 format.
- C) Its first edition was held in UAE in 1984.





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[Image Source: The Hindu]

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