

05th November 2024

Speaker of the Jammu and Kashmir Assembly

Veteran National Conference (NC) leader and seven-time MLA, **Abdul Rahil Rather** was elected as the new Speaker of the Jammu and Kashmir Assembly.



Key Point

- ❖ He represents the Charar-i-Sharief Assembly constituency in Budgam district.
- ❖ This is the first J&K Assembly session in 6 years
- ❖ J&K BJP nominated Narinder Singh Raina as its candidate for the post of Deputy Speaker.

About The Speaker of Lok Sabha

- ❖ Constitutional Provisions Articles 93 to 97 of the Indian Constitution constitute provisions related to both the Speaker and Deputy Speaker.
- ❖ Article 93 of the Constitution provides for the Speaker and Deputy Speaker positions for the Lok Sabha.
- ❖ Election Process: The Speaker is elected by the members of Lok Sabha from amongst themselves by a simple majority of the members present and voting in the House.
- ❖ Powers and Authority: He enjoys vast authority and powers, under the Constitution and the Rules, as well as conventionally.

- ❖ The President fixes the date of election of the Speaker.
- ❖ Tenure During Dissolution: Whenever the House of the People is dissolved, the Speaker shall not vacate his office until immediately before the first meeting of the House of the People after the dissolution.

Himalayan glacial lakes

The Central Water Commission (CWC) report reveals that Himalayan glacial



lakes expanded by 10.81% in the area from 2011 to 2024, indicating climate change impacts and increasing risks of glacial lake outburst floods (GLOFs).

Key Point

- ❖ The surface area of glacial lakes in India grew by 33.7%, from 1,962 hectares in 2011 to 2,623 hectares in 2024.
- ❖ A total of 67 lakes in India saw over a 40% increase in surface area, categorizing them as high-risk for potential GLOFs.
- ❖ Significant expansions were observed in regions like Ladakh, Himachal Pradesh, Uttarakhand, Sikkim, and Arunachal Pradesh, necessitating better monitoring and disaster preparedness.

Glacial Geoengineering

- ❖ **Glacial Geoengineering:** It refers to deliberate, large-scale interventions aimed at slowing or preventing the melting of glaciers and ice sheets.

First Asian Buddhist Summit (ABS)

The First Asian Buddhist Summit (ABS) will be held in New Delhi on November 5-6, 2024, co-organized by the Government of India and the International Buddhist Confederation (IBC).

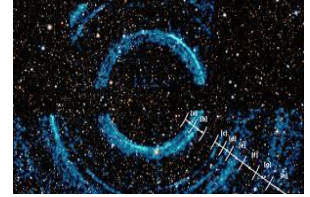


Key Point

- ❖ The summit's theme is "Role of Buddha Dhamma in Strengthening Asia," reflecting India's Act East Policy focused on collective and spiritual development across Asia.
- ❖ The summit aims to address contemporary challenges faced by the Buddhist community while promoting Buddhist heritage and teachings.
- ❖ It emphasizes the historical significance of Buddhism in uniting Asia through shared values and outlooks on life and divinity.
- ❖ A special exhibition titled "India as the Dhamma Setu (Bridge) connecting Asia" will be showcased, highlighting India's role in the Buddhist context.

V404 Cygni

Astronomers discovered the first-ever "black hole triple system" called V404 Cygni, located about 7,800 light-years away in the Cygnus constellation.



Key Point

- ❖ V404 Cygni's black hole is a stellar black hole, roughly nine times the mass of our Sun, and orbits a red giant star every six-and-a-half days.
- ❖ The system has been observed brightening and dimming due to the black hole consuming matter from the red giant, a phenomenon first noted in 1938.
- ❖ This discovery challenges the understanding that black holes are formed by explosive supernovae, as such an explosion would likely disrupt the gravitational link between the three bodies.
- ❖ Researchers suggest that V404 Cygni's black hole may have formed through a "gentle" collapse, where the dying star imploded inward without a significant explosive force.

About Black Hole

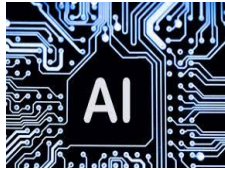
- ❖ A black hole is a cosmic object with strong gravity that nothing can escape from it, not even light.

NASA explains the intensity of a black hole as “20 times the sun’s mass could fit easily in a 16 km ball”.

- ❖ Since no light can escape, none can bounce back. This makes the black hole invisible to our eyes and telescopes that we rely on.

AI Preparedness Index 2023

India ranks 72nd with an AIPI score of 0.49, trailing behind several advanced economies and developed nations.



Key Point

- ❖ Singapore ranks first in AI Preparedness, scoring 0.80 on the AI Preparedness Index (AIPI) by IMF, due to significant investments in AI capabilities and a proactive national AI strategy.
- ❖ The AI Preparedness Index evaluates nations using metrics such as digital infrastructure, human capital, technological innovation, and legal frameworks, aiming to assess readiness for AI adoption.
- ❖ Top 10 countries prepared for AI (ranked by AIPI): Singapore, Denmark, United States, Netherlands, Estonia, Finland, Switzerland, New Zealand, Germany, and Sweden.

- ❖ Neighboring countries’ AIPI ranks include China at 31 (0.63 score), Sri Lanka at 92 (0.43 score), and Bangladesh at 113 (0.38 score).

Short News

- ❖ Karnataka celebrates the Bali Padyami festival on the fourth day of Deepavali.
- ❖ A contingent of 25 Indian Army personnel has participated in Exercise GARUD SHAKTI 24 from November 1 to 12, 2024.
- ❖ India’s gold reserves currently total 854.73 metric tonnes, according to a recent Reserve Bank of India (RBI) report.
- ❖ India has the highest number of cases of tuberculosis world wide recorded 2.8 million cases in 2023.
- ❖ Himachal Pradesh is set to introduce India’s first IGBC-certified zoological park in Kangra’s Dehra constituency.
- ❖ Praveena Rai has officially assumed the role of Chief Executive Officer (CEO) and Managing Director (MD) at the Multi Commodity Exchange of India (MCX).
- ❖ Collins Dictionary announced “brat” as its Word of the Year for 2024.
- ❖ SBI Mutual Fund (SBI MF) has become the first fund house in India to surpass the ₹10 lakh crore mark in assets under management (AUM), reaching ₹10.99 lakh crore in the September quarter, a notable increase from ₹9.88 lakh crore in June.

Important Daily Current Affairs Question

1. What is the rank of India in the AI Preparedness Index 2023 is?

- A. 23
- B. 43
- C. 72
- D. 81

Answer - C

2. What is the name of the central black hole in the first "black hole triple" system discovered near Earth?

- A. Cygnus X-1
- B. V404 Cygni
- C. Sagittarius A*
- D. Andromeda X-2

Answer - B

