



Military Brat Defence Academy

Current Affairs Related to 6 August 2026

- ◆ **China has completed expert testing and standard verification for two large superconducting magnets** developed for fusion research. These tests were conducted at the Institute of Plasma Physics, Chinese Academy of Sciences, located in Hefei, Anhui province. The components include a toroidal field superconducting magnet and a high-temperature superconducting central solenoid coil, both considered crucial for fusion energy technology. The toroidal field superconducting magnet measures 21 meters in length and 12 meters in width, weighing 582 tonnes.
- ◆ **Defence Minister Rajnath Singh announced two significant policy reforms for the Indian Coast Guard** at Kartavya Bhawan-2 in New Delhi. These reforms include ensuring equal opportunities and more inclusive service conditions for women officers, as well as simplifying the administrative process for granting ex-gratia payments to the families of personnel who go missing while on duty at sea. Under the new policy, female candidates will now have the opportunity to be considered for both Short Service Appointments and Permanent Appointments, just like their male counterparts.
- ◆ **A significant mycological discovery has been made in the Kolhapur district of Maharashtra.** A new species of polypore fungus, found on decaying wood in the Bediw area of Bhudargad Taluka, has been named *Datronia sapience*. This discovery has been officially recorded, adding a new chapter to Kolhapur's biodiversity inventory. The fungus was found in Bhudargad Taluka, near the Ajara border, and was identified by Dr. Anjali Patil, Head of the Botany Department at Rajaram College, Kolhapur, and researcher Yogesh Patil.
- ◆ **A massive and historic shift is set to take place in India's smartphone market.** The central government has officially approved a joint venture between domestic electronics manufacturer Dixon Technologies and Chinese smartphone brand Vivo. The green-lighting of this major deal—stalled for nearly 18 months—has created a buzz in India's tech and business circles. This is not merely a partnership between two companies; it is part of a strategic plan to transform India into a global manufacturing hub.
- ◆ **AstraZeneca India has announced the establishment of an Integrated Genomic Solutions Center** in Amaravati, Andhra Pradesh. This center will be part of India's first integrated precision oncology program, focusing on making cancer detection, diagnosis, and treatment more precise by tailoring them to a patient's genetic and molecular profile. Precision oncology is a cancer treatment approach where therapy is determined based on the patient's biological information—specifically, genetic and molecular data.
- ◆ **India is moving towards using domestically manufactured semiconductors and chips in its space launch vehicles.** An announcement by Union Minister Ashwini Vaishnaw clarified that efforts to achieve self-reliance in the electronic hardware required for space rockets are being accelerated. This move coincides with the achievement of the Vikram-1 Test Flight-1 reaching orbit following a meeting with Skyroot Aerospace, marking India's acquisition of its first privately developed orbital-class rocket.
- ◆ **The central government has proposed new validity periods for Pollution Under Control (PUC) certificates** for private vehicles. In a draft notification, the Ministry of Road Transport and Highways suggested distinct timeframes for private and commercial vehicles. This proposal falls under the PUC 3.0 scheme and aims to streamline compliance with emission standards. According to the draft, it is proposed to extend the validity of the Certificate of Fitness (CoF) to three years for private vehicles that are up to six years old.
- ◆ **Taking a significant step towards promoting a clean and sustainable transport system, India has launched pilot trials for hydrogen fuel-based transport** on 10 major routes. This initiative is being undertaken under the National Green Hydrogen Mission, overseen by the Ministry of Road Transport and Highways. These projects were approved on March 26, 2025, and will now serve to test the viability of hydrogen-based public and freight transport in the country. This initiative will not only accelerate India's green energy goals but also help reduce carbon emissions from the transport sector.



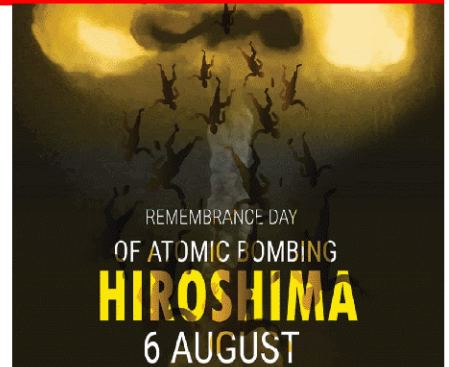
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National & International Current Affairs

1. When is Hiroshima Day observed every year?

- (A) 5 August (B) 6 August
(C) 7 August (D) 8 August

(B) Hiroshima Day is observed annually on August 6 to promote the politics of peace and raise awareness about the impact of the bombing of Hiroshima. The city of Hiroshima was attacked with a nuclear weapon on August 6, 1945, instantly claiming thousands of lives. This marks the 78th anniversary of the nuclear bombing of the Japanese city. It was the first city to be subjected to a nuclear bomb attack.



2. Which Indian state has recently become the first to qualify for the second installment of the Rashtriya Krishi Vikas Yojana?

- (A) Gujarat (B) Karnataka
(C) Odisha (D) Maharashtra

(D) Maharashtra has recently become the first state in the country to qualify for the second installment of the Rashtriya Krishi Vikas Yojana. The state utilized more than 75% of the initial 335 crore installment, prompting the central government to approve a second installment of 335 crore.



3. Who has recently launched the 'Danveer' initiative to empower local governance?

- (A) Ministry of Panchayati Raj (B) Ministry of Home Affairs
(C) Ministry of External Affairs (D) None of these

(A) The Ministry of Panchayati Raj recently launched the 'Danveer' initiative in New Delhi to empower local governance and strengthen digital infrastructure in Gram Panchayats. It provides an opportunity for citizens and organizations to voluntarily contribute to the development of villages.



4. Which Indian cricketer has recently retired from all formats of cricket?

- (A) Axar Patel (B) Rohit Sharma
(C) Shikhar Dhawan (D) Ajinkya Rahane

(D) Shikhar Dhawan has recently announced his retirement from all formats of cricket. 38-year-old Rahane shared an emotional video on Instagram announcing this decision. He wrote, "Signing off as Cap 278." The right-handed batsman had led India to victory in the Border-Gavaskar Trophy in Australia during the 2020-21 season.



5. Which state has recently become the first in India to issue exploration licenses for rare earth elements?

- (A) Gujarat (B) Rajasthan
(C) Uttar Pradesh (D) Andhra Pradesh

(B) Rajasthan has recently become the first state in India to issue exploration licenses for rare earth elements. This license has been executed for an area of 207.63 square kilometers spanning the Balotra and Jodhpur districts of western Rajasthan.





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6. Which state government recently launched the 'Shipbuilding and Repair Policy 2026' to become India's leading maritime and manufacturing hub?

- (A) Kerala (B) Karnataka
(C) Punjab (D) Gujarat

(D) Gujarat Chief Minister Bhupendra Patel launched the 'Gujarat Shipbuilding and Ship Repair Policy 2026' in Gandhinagar. The policy aims to transform the state into India's leading maritime and shipbuilding hub, targeting investments exceeding 27,000 crore and the establishment of a mega greenfield cluster at Kuchadi, Porbandar.

7. Which airport has recently become the second in the country to implement the 'hub-and-spoke' model?

- (A) Chennai Airport (B) Amritsar Airport
(C) Varanasi Airport (D) None of these

(B) The 'hub-and-spoke' model for the aviation sector in India was first introduced in Varanasi on June 25, 2026, and has recently been launched at Amritsar Airport as well. Under this model, passengers from smaller cities can travel directly abroad after completing check-in and immigration formalities at their local airports.

8. In which city has India's first dedicated Military Medicine Department recently been established?

- (A) Lucknow (B) Jaipur
(C) Bhopal (D) None of these

(A) Recently, Defence Minister Rajnath Singh virtually inaugurated the country's first dedicated Military Medicine Department at the Command Hospital in Lucknow, Uttar Pradesh. Established under the Directorate General of Medical Services, this is India's first such department entirely focused on military medicine, research, and education.

9. Who has recently become the third woman in history to win the prestigious Fields Medal in the field of mathematics?

- (A) Yang Shuang (B) Rabab Fatima
(C) Hong Wang (D) None of these

(C) Recently, Chinese mathematician Hong Wang became the third woman in history to receive the prestigious Fields Medal. She was awarded this highest honor for her remarkable work on modern analysis and the Kakeya conjecture. She was the first woman in history to win this award in the year 2014.

10. In which state has the 'Chief Minister's Fisherman Honor Fund Scheme' (Mukhyamantri Machhuara Samman Nidhi Yojana) recently been launched?

- (A) Odisha (B) Himachal Pradesh
(C) Arunachal Pradesh (D) Andhra Pradesh

(B) Recently, the Himachal Pradesh government launched the 'Chief Minister's Fisherman Honor Fund Scheme'. Under this scheme, financial assistance of 3,500 per year will be provided directly to the bank accounts of approximately 3,700 eligible fisherman families in the state during the fishing ban period.

