

Daily Defence Current Affairs

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Human Error Led To Chopper Crash That Killed General Bipin Rawat

- Country's first CDS General Bipin Rawat died in a **Mi-17 V5 helicopter** crash on December 8, 2021, and a parliamentary panel report has said the reason behind the accident which occurred that day was "**human error**".
- Gen Rawat, his wife Madhulika Rawat, and many other armed forces personnel had died after the military helicopter they were travelling in crashed near Coonoor in Tamil Nadu.
- In the report tabled in Parliament on Tuesday, the Standing Committee on Defence shared the data on the number of Indian Air Force aircraft crashes that took place during the 13th Defence Plan period.
- The total number of crashes stood at 34, including nine IAF aircraft accidents that took place in 2021-22 and 11 in 2018-19.
- The tabulated data in the report also contained a column titled "reason" that specified the cause of the accidents in this period, against the aircraft type and date and accident.
- The data for the 33rd accident listed in the report mentioned the aircraft as "Mi-17", date "08.12.2021" and the reason cited was "**HE(A)**" or "**human error (aircrew)**".



INS Tushil Commenced Her Passage To India

- INS Tushil, the latest multi-role stealth guided missile frigate of the Indian Navy, set sail from Kaliningrad, Russia for India on 17 Dec 24, marking the beginning of her maiden operational deployment.
- The ship will traverse **the Baltic Sea, the North Sea, the Atlantic Ocean, and finally, the Indian Ocean**, making port calls at several friendly foreign countries along the way.



Plate Cutting Ceremony for the first of 14 FPV and first of 6 NGOPV

- Plate Cutting Ceremony for the first of the 14 **Fast Patrol Vessels** and first of the **six Next-Gen Offshore Patrol Vessels** being constructed by Mazagon Dock Shipbuilders Ltd. for the ICG took place in Mumbai on December 19, 2024.
- MDL was awarded a **Rs 2,684 crore** contract under the 'Buy (Indian-IDDMM)' category to build these vessels which will feature advanced technologies like drones for surveillance, AI for decision-making, an Integrated Bridge System for maneuverability, and an Integrated Machinery Control System for efficient operations.

CAC Commanders' Conference

- Air Chief Marshal AP Singh, Chief of the Air Staff, Indian Air Force visited Headquarters Central Air Command (CAC) from 18 to 19 Dec 24 for the CAC Commanders' Conference 2024.
- During the conference, the CAS interacted with the Commanders of the CAC AoR and highlighted the importance of being conversant with one's role in enhancing the operational capability of the Indian Air Force.
- He apprised them about prevailing security scenario, significant role of the Indian Air Force and stressed on the need for maintaining a high state of readiness and alertness to take on emerging contingencies.



DRDO, IIT Delhi & The Industry Sign 10 Tripartite Agreements

- DRDO-Industry-Academia Centre of Excellence (DIA-CoE) organised an event titled 'DRDO-Industry-Academia - Global Approach to Readiness of Indigenous Military Applications' (DIA-GARIMA) at IIT Delhi on December 19, 2024. The details of the agreements are as follows:
- **Transfer of Technology of Light Weight Bullet Resistant Jacket (ABHED-Advanced Ballistic High Energy Defeat) to:**
 - MIDHANI (Mishra Dhatu Nigam), Rohtak
 - SMPP Pvt Ltd, Delhi
 - AR Polymers (MKU)- Kanpur
- **Memorandum of Agreement for development of Indigenous Ballistic Material with Reliance Industries Ltd.**
- MoA for limited series production of Extreme Cold Weather Clothing with:
 - Aeronav Industrial Safety Appliance, Delhi
 - Arnaf Industries Ltd
 - Arrow Garments, Tirupur
- **MoA for limited series production of Extreme Heat Protective Clothing with:**
 - Arrow Garments, Tirupur
 - Aeronav Industrial Safety Appliance, Delhi
 - Katalyst TECHTEX Ltd, Delhi
- Joint Advanced Technology Centre of DRDO, established in 2017 at IIT Delhi, was converted to DIA-CoE, envisaging association of Indian industry for translation of knowledge to high technology readiness. Over the past seven years, around 50 research projects have been initiated under five technology verticals, with a total funding of Rs 375 crore from DRDO.
- The focus has been on soldier-centric innovations, including high-performance lightweight body armour, advanced aerostat materials, smart soldier jackets, terahertz technology for spectroscopy, firefighter heat protection gear, and extreme cold-weather jackets.



REVIEW QUESTIONS

1. Which city did the Vietnam Coast Guard Ship CSB 8005 visit for a cooperation exercise with India?
 - A. Kochi
 - B. Chennai
 - C. Visakhapatnam
 - D. Mumbai

ANSWER: A

2. How many FPVs are being constructed by MDL for the ICG under the Rs 2,684 crore contract?
 - A. 6
 - B. 10
 - C. 14
 - D. 8

ANSWER: C

3. What is the name of the latest multi-role stealth guided missile frigate of the Indian Navy that set sail for India?
 - A. INS Vikrant

- B. INS Talwar
- C. INS Tushil
- D. INS Kamorta

ANSWER: C

4. Infantry Day Celebrated Every Year On

- A. 26 October
- B. 27 October
- C. 29 October
- D. 30 October

ANSWER: B

5. India's Shared Vision Of 'SAGAR' Stands For

- A. Security and Growth of All in Region
- B. Security and Growth of All in Rim
- C. Security and Growth of All in Region
- D. None

ANSWER: C

6. Motto of NSG Is

- A. शं नो वरुणः
- B. नभः स्पृशं दीप्तम्
- C. सर्वत्र सर्वोत्तम सुरक्षा
- D. None of the above

ANSWER: C

7. In Which Operation NSG Didn't Take Part?

- A. Operation Talwar
- B. Black Thunder
- C. Ashwamedh
- D. Vajra Shakti

ANSWER: A

8. SAG & SRG Stands For

- A.** Special Act Group & Special Ranger Group
- B.** Special Action Group & Special Roger Group
- C.** Special Action Game & Special Ranger Group

D. Special Action Group & Special Ranger Group

ANSWER: D

9. The Highest Rank Structure In NSG Is

- A. Director General
- B. Inspector General
- C. Deputy Inspector General
- D. Group Commander

ANSWER: A

10. INS Tarangini Is A

- A. Helicopter
- B. Sailing Ship
- C. UAV
- D. None of the above

ANSWER: B

11. FGM-148 Javelin Is Made By

- A. Boeing
- B. Lockheed Martin
- C. Raytheon
- D. None of the above

ANSWER: C

12. Ex KAZIND Conducted B/W India And

- A. France
- B. China
- C. Kazakhstan
- D. Kyrgyzstan

ANSWER: C

13. Q.M.HAV Stands For

- A. Quarter Havildar
- B. Quartermaster Havildar
- C. Quartermaster Hawadar
- D. None of the above

ANSWER: B

14. Santiago Is The Capital Of

- A. Oman
- B. Colombia
- C. UAE
- D. Chile

ANSWER: D

15. "Vahana Masterclass" Book Is Written By

- A. Alfredo Covelli
- B. Sitaram Yechuri
- C. Hew Strachan
- D. R. Kaushik

ANSWER: A

16. "Balidanam Vir Lakshanam" Is The Motto Of

- A. JKLI
- B. THE MAHAR REGIMENT
- C. THE BIHAR REGIMENT
- D. None of the above

ANSWER: A

17. Prithvi III Is A

- A. Air to Air Missile
- B. Surface to Air Missile
- C. Surface to Surface Missile
- D. Air to Sea Missile

ANSWER: C

18. Defence Electronics Research Laboratory (DLRL) Centre Is Located In

- A. Hyderabad, Telangana
- B. Kanpur, Uttar Pradesh
- C. Gwalior, Madhya Pradesh
- D. Tezpur, Assam

ANSWER: A

19. Current Raksha Rajya Mantri Is ____.

- A. Rajnath Singh
- B. Sanjay Seth
- C. Ajay Bhatt

D. Narendra Modi

ANSWER: B

20. Manohar Parrikar Institute for Defence Studies and Analyses Is Located At

A. New Delhi

B. Chennai

C. Wellington

D. Noida

ANSWER: A