

Daily Defence Current Affairs

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Navy Ships 'Udaygiri', 'Himgiri' To Be Commissioned

- The Navy is all set to augment its combat readiness and strengthen India's ability to safeguard its maritime interests with naval ships '**Udaygiri**' and '**Himgiri**', which are part of **Project 17A stealth frigates** slated to be simultaneously commissioned at Visakhapatnam on Tuesday.
- The first ship of the **P17A (Nilgiri Class) stealth frigates**, 'Nilgiri', was commissioned at the Naval Dockyard in Mumbai in the presence of Prime Minister Narendra Modi in January.
- The second warship, '**Udaygiri**', built at Mazagon Dock Shipbuilders Limited (MDL), was delivered to the Navy on July 1.
- 'Himgiri' is the first of P17A ships being constructed by GRSE, Kolkata.



ISRO Completes First Integrated Air Drop Test for Gaganyaan Mission

- The Indian Space Research Organisation (ISRO) has successfully conducted its first Integrated Air Drop Test (IADT-01), marking a key milestone in the preparation for India's ambitious Gaganyaan Mission.
- The successful trial was a collaborative effort involving multiple defence and research organisations, including the IAF, DRDO, Indian Navy, and Indian Coast Guard.
- The human spaceflight programme is aimed at fulfilling aspirations of an established spacefaring nation. The technological and manufacturing capabilities towards the goal of '**Viksit Bharat**' will hinge on a transformative shift in the national research and technology development landscape.
- As per the vision envisaged by the Government of India to land an Indian on the **moon by 2040**, the mission aspects, configuration of the launch vehicle and orbital module systems have been taken up.



India, Fiji Unveil Major Defence, Maritime Security Initiatives

- India and Fiji unveiled significant initiatives to bolster defence and maritime security cooperation between the two nations, including the creation of a Defence Attache post at the High Commission of India in Fiji's capital of Suva.

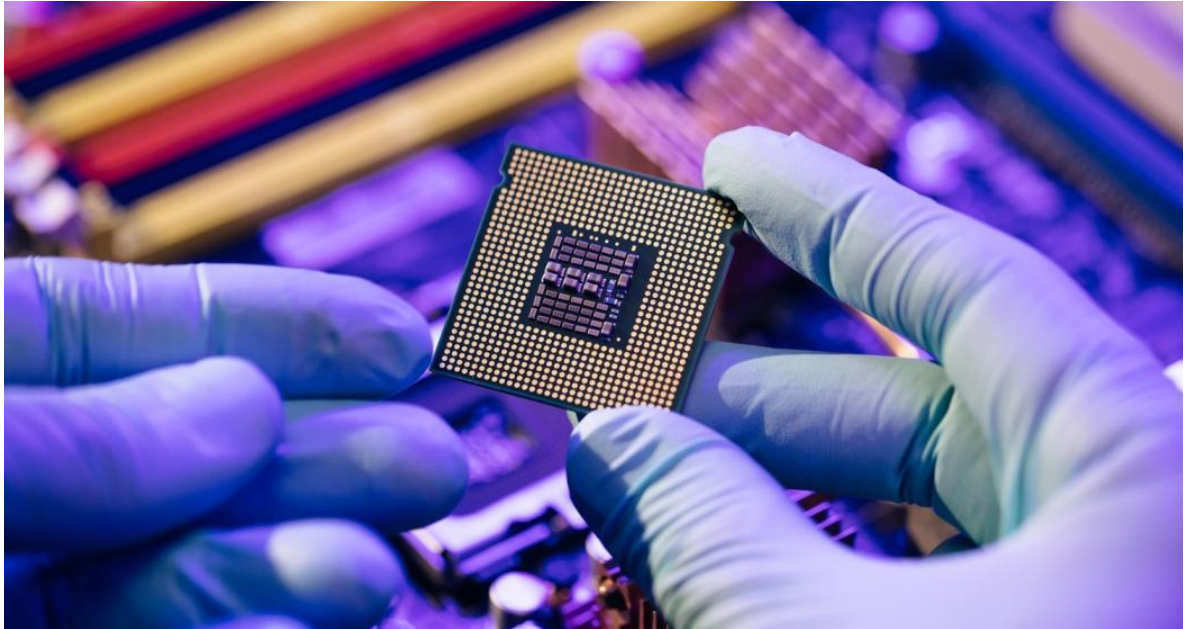
- PM Modi announcing the gifting of two sea ambulances to Fiji's Military Forces and the establishment of a **Cyber Security Training Cell (CSTC)** in Fiji to address emerging challenges.
- Prime Minister Rabuka also welcomed India's assurance to support the security of Fiji's **Exclusive Economic Zone (EEZ)** and the planned naval port call, which will enhance maritime cooperation and interoperability.



Semiconductor Planned in UPEIDA

- After BrahMos missiles, semiconductor infrared detectors, a highly sophisticated set of devices used for thermal imaging in darkness, could soon be manufactured at the defence corridor's Lucknow node in Sarojininagar.
- For this, **Uttar Pradesh Expressways Industrial Development Authority (UPEIDA)** is going to allot 10 hectares of land to Dehradun-based DRDO's Instruments Research and Development Establishment without any cost for the manufacture of multi-sensor surveillance systems as well as opto-electrical equipment.
- According to the authority, almost 5,000 such devices are imported every year from **Israel and France**, and the indigenous facility will help the country strengthen its defence systems.
- The Uttar Pradesh govt, after holding a cabinet meeting in July, had cleared the proposal of handing over the 10 hectares of land to the premier defence institute.
- UPEIDA in the past has already given a commitment to handing over 80 hectares of land within the Sarojininagar node of the defence corridor to the defence ministry. Similarly, land will be awarded to the premier institute that is governed by DRDO.

- UPEIDA has already managed to aggregate more than 160 hectares of land in the defence node being planned on the Lucknow-Unnao border and has initiated the process of developing the land bank and awarding it.



Navy, Coast Guard To Get 76 Helicopters

- The Defence Ministry has begun the process to acquire 76 state-of-the-art Naval Utility Helicopters along with simulators and support equipment, to boost the operational capabilities of the Indian Navy and the Indian Coast Guard.
- According to a Request for Information (RFI) uploaded on the Indian Navy's official portal, 51 helicopters are earmarked for the Navy and 25 for the Coast Guard. The procurement will take place under the Buy & Make (Indian) category, highlighting the government's push for indigenous manufacturing and self-reliance in defence.

A MULTIPURPOSE MARITIME ASSET

The Naval Utility Helicopters will be deployed across a wide range of missions:

- Search and rescue (SAR) at sea
- Medical evacuation (CASEVAC/MEDEVAC) and casualty transport
- Communication duties, including passenger and cargo movement
- Low-intensity maritime operations (LIMO) with integrated light weapon systems
- Humanitarian assistance and disaster relief (HADR) in natural calamities
- Aerial firefighting to counter shipboard and coastal fires

These helicopters are expected to significantly expand India's maritime response capabilities, especially in disaster-prone coastal regions.

TECHNICAL SPECIFICATIONS

The RFI outlines clear performance and design requirements:

1. Maximum weight: 5,500 kg
2. Engines: Twin-engine with articulated rotor system
3. Landing gear: Wheeled, with blade-folding capability for ship hangar storage
4. Operational profile: Capable of flying day and night, in all weather conditions, from both shore bases and warships
5. Weapon integration: To carry 12.7 mm heavy machine guns and 7.62 mm medium machine guns for LIMO roles

Shortlisted manufacturers will first undergo Technical Evaluation Committee (TEC) scrutiny, followed by Field Evaluation Trials (FET) in India on a 'No Cost No Commitment' basis. The final evaluation will rest with Naval Headquarters.



REVIEW QUESTIONS

1. Naval ships Udaygiri and Himgiri are part of which project?

- A. Project 75I
- B. Project 17A
- C. Project 28
- D. Project 15B

ANSWER: B

2. Which organization successfully conducted the first Integrated Air Drop Test (IADT-01) for the Gaganyaan Mission?

- A. DRDO
- B. ISRO
- C. Indian Navy
- D. Indian Air Force

ANSWER: B

3. As part of strengthening defence ties, India announced the gifting of two sea ambulances to which country?

- A. Sri Lanka
- B. Maldives
- C. Fiji
- D. Mauritius

ANSWER: C

4. Where is the indigenous manufacturing facility for semiconductor infrared detectors being planned?

- A. Hyderabad
- B. Bengaluru
- C. Lucknow (Sarojini Nagar node of UPEIDA)
- D. Pune

ANSWER: C

5. The Defence Ministry has initiated the process to acquire how many Naval Utility Helicopters for the Indian Navy and Coast Guard?

- A. 56
- B. 66
- C. 76
- D. 86

ANSWER: C

6. ASMI Pistol Designed By

- A. Col Prasad Bansod
- B. Col Prakash Bansod
- C. Col Manpreet Singh
- D. None

ANSWER: A

7. Drishti 10 Starliner Is A

- A. Helicopter
- B. Machine Gun
- C. UAV
- D. Fighter Jet

ANSWER: A

7. Current Executive Of Defence Planning Committee

- A. Rajnath Singh
- B. Narendra Modi
- C. Nirmala Sitaraman
- D. Ajit Doval

ANSWER: D

8. Field Marshal Of Indian Army Is A

- A. 2 Star General
- B. 3 Star General
- C. 4 Star General
- D. 5 Star General

ANSWER: D

9. Defence Space Agency Hq Is Located At

- A. New Delhi
- B. Bengaluru
- C. Chennai
- D. Noida

ANSWER: B

10. INS Kochi Is A

- A. Guided-missile destroyers
- B. Landing ship tank
- C. Submarine
- D. Frigates

ANSWER: A

11. _ Is Not A G7 member.

- A. China
- B. USA
- C. UK
- D. France

ANSWER: A

12. The Standard Meridian Of India Is

- A. 82 degrees 30' E

- B. 84 degrees 30' E
- C. 72 degrees 30' E
- D. 92 degrees 30' E

ANSWER: A

13. Army Medical Corps Motto Is

- A. Courage and Valor
- B. Sarve santu niramaya
- C. Service Before Self
- D. Lethal

ANSWER: B

14. Glock 18 Is A

- A. Destroyer
- B. Machine Pistol
- C. Assault rifle
- D. Submachine gun

ANSWER: B

15. Which Is The Largest Uranium-producing Country In The World?

- A. USA
- B. India
- C. Kazakhstan
- D. Uzbekistan

ANSWER: C

16. Kaiga Atomic Power Plant Is In

- A. Karnataka
- B. Gujarat
- C. Madhya Pradesh
- D. Uttarakhand

ANSWER: A

17. Who established the Atomic Energy Commission of India in 1948?

- A. P.K. Iyengar
- B. M.R. Srinivasan
- C. Vikram Sarabhai
- D. Homi Bhabha

ANSWER: D

18. Nay Pyi Taw Is The Capital Of

- A. Bhutan
- B. Nepal
- C. Afghanistan
- D. Myanmar

ANSWER: D

19. "India's Women Unsung Heroes" Book Is Written By

- A. Chandrachur Ghose
- B. Ruskin Bond
- C. Dr. Thomas Matthew
- D. Meenakshi Lekhi

ANSWER: D

20. Ex 'Konkan Shakti' conducted b/w India &

- A. Qatar
- B. UK
- C. UAE
- D. Japan

ANSWER: B