

Daily Defence Current Affairs

09 June 2025

Indian Navy Set To Commission 'Arnala'

- Indian Navy is all set to commission the first Anti-Submarine Warfare Shallow Water Craft (ASW-SWC), Arnala, at Naval Dockyard, Visakhapatnam, on 18 Jun 2025.
- The event marks the formal induction of the first of the sixteen ASW-SWC class ships into the Indian Navy. Designed and constructed by M/s **Garden Reach Shipbuilders & Engineers**, Kolkata, under a Public-Private Partnership with M/s **L&T Shipbuilders**.
- Arnala is a testament to the success of the **Aatmanirbhar Bharat** initiative in defence manufacturing.
- Named after the **historic Arnala Fort off Vasai, Maharashtra**, the warship reflects India's rich maritime heritage.
- The warship incorporates more than **80% indigenous** content and integrates advanced systems from leading Indian defence firms, including **Bharat Electronics Limited (BEL), L&T, Mahindra Defence, and MEIL**.
- Designed for a range of ASW operations, Arnala is equipped to conduct Subsurface Surveillance, Search and Rescue missions, and Low-Intensity Maritime Operations.
- This **77.6 m** long warship, with a gross tonnage of over **1490 tonnes**, is the largest Indian Naval warship to be propelled by a Diesel Engine-Waterjet combination.



ICG Inaugurates Dedicated Jetty at Vizhinjam Harbour

- ICG Director General (DG) Paramesh Sivamani, inaugurated a new dedicated ICG jetty at Vizhinjam Harbour, Kerala.
- The 76.7-metre state-of-the-art berth will support faster deployment and turnaround of ICG vessels, enhancing mission readiness for coastal surveillance, search & rescue, anti-smuggling, and fisheries protection.
- DG Paramesh Sivamani highlighted the strategic importance of the new facility, calling it a major step forward in strengthening the coastal security architecture and ensuring faster response capabilities in the region.
- A jetty is a structure built from land out into a body of water, serving various purposes like protecting a harbor, influencing currents, or providing access for boats. It can be a landing place, a walkway, or a breakwater.



Rudram-2,3,4 Missiles To Be Inducted In 3 To 4 Years

- DRDO has embarked on an ambitious missile development program that promises to revolutionise the country's air-to-surface strike capabilities through the Rudram missile series.
- The Rudram-2, Rudram-3, and Rudram-4 missiles represent a comprehensive family of **hypersonic and supersonic weapons** designed to neutralise enemy radar installations and conduct precision ground attacks.
- The Rudram-II has achieved the most advanced development status, having successfully completed flight trials from **Sukhoi-30MKI aircraft** off the coast of Odisha in May 2024.
- The primary strategic purpose of the Rudram missile family centres on **Suppression of Enemy Air Defences (SEAD)** operations, with each variant incorporating sophisticated **anti-radiation capabilities** designed to neutralise enemy surveillance and communication systems.
- The missile's Lock-On-Before/After-Launch capability offers tactical flexibility, allowing pilots to engage multiple targets in rapid succession or adjust targeting parameters based on evolving battlefield conditions.



DRDO Actively Developing 300km Pinaka

- DRDO is preparing to begin work on a new, advanced variant of the Pinaka multi-barrel rocket launcher system with an extended range of up to **300 kilometres**, as confirmed by the DRDO Chief.

- This ambitious project marks a significant leap in India's indigenous artillery capabilities, aiming to rival and surpass the range of comparable international systems such as **Russia's Smerch and China's PHL-16**.
- The 300 km Pinaka will incorporate advanced guidance, navigation, and control systems, enabling precision strikes against high-value targets deep inside enemy territory, including command centres, bunkers, and logistics hubs.



Gandiva Now Set To Undergo Live-Fire And Extreme Envelope Trials

- The air-breathing Solid Fuel Ducted Ramjet (SFDR) based Beyond Visual Range Air-to-Air Missile (BVRAAM), known as **Gandiva or Astra MK-III**, represents a significant advancement in India's indigenous missile development capabilities.
- With a strike range of approximately 350 kilometres, the Gandiva is designed to provide the IAF with a substantial edge in long-range aerial engagements, surpassing the operational envelopes of many current-generation BVRAAMs.
- The concurrent progress on both **Astra MK-II and MK-III** underscores India's commitment to developing a family of advanced indigenous air-to-air missiles, reducing reliance on foreign systems and strengthening national security.



REVIEW QUESTIONS

1. What is the strike range of the Gandiva (Astra MK-III) missile?

- A. 100 km
- B. 200 km
- C. 350 km
- D. 500 km

ANSWER: C

2. Which missile represents India's air-breathing Solid Fuel Ducted Ramjet (SFDR) based BVRAAM?

- A. Rudram-2
- B. Gandiva (Astra MK-III)
- C. Nag
- D. Prithvi-II

ANSWER: B

3. What is the proposed extended range of the new advanced variant of the Pinaka system?

- A. 120 km
- B. 180 km
- C. 250 km
- D. 300 km

ANSWER: D

4. Where was the new dedicated Indian Coast Guard (ICG) jetty inaugurated?

- A. Kochi Harbour
- B. Vishakhapatnam Harbour
- C. Vizhinjam Harbour
- D. Mumbai Port

ANSWER: C

5. What is the range of the VIDHWAMS Guided Rocket unveiled by VEM Technologies?

- A. 150 km
- B. 200 km
- C. 250 km
- D. 300 km

ANSWER: C

6. Operation Meghdoot, initiated in 1984, aimed to seize control of which strategic location?

- A. Siachen Glacier
- B. Kargil
- C. Aksai Chin
- D. Doklam

ANSWER: A

7. Operation Blue Star, started in 1984, was aimed at quelling unrest in which Indian state?

- A. Punjab
- B. Tamil Nadu
- C. Kerala
- D. Maharashtra

ANSWER: A

8. Operation Cactus, conducted in 1988, aimed to protect the President of which country?

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

ANSWER: A

9. Operation Rajeev, carried out in 1987, targeted the capture of which post in Siachen?

- A. Kargil
- B. Dras
- C. Qaid
- D. Batalik

ANSWER: C

10. UDHR Stands For

- A. Universal Declaration of Human Rights
- B. Universal Declaration of Human Riot
- C. Universal Declared of Human Rights
- D. None of the above

ANSWER: A

11. Which one of the following statements is/are correct regarding BRICS?

1. It was set up with the sole purpose of countering the NATO influence and emerging as its substitute.
2. The New Development Bank is one of the initiatives of BRICS.

Choose the correct answer using the codes given below:

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

ANSWER: B

12. World Economic Forum Hq Is In

- A. Geneva, Switzerland
- B. Lausanne, Switzerland
- C. The Hague, The Netherlands
- D. Gland, Switzerland

ANSWER: A

13. Which Is Not An Asian Country?

- A. Singapore
- B. Brunei
- C. UAE

D. Peru

ANSWER: D

14. GPMG Stands For

- A. General Purple Machine Gun
- B. General Purpose Machine Gun
- C. General Purpose Machine Gum
- D. None

ANSWER: B

15. 'Ex Zapad' Conducted B/W India &

- A. Qatar
- B. Russia
- C. UAE
- D. Maldives

ANSWER: B

16. Padma Vibhushan Award Was Instituted on

- A. 2nd January 1954
- B. 2nd January 1955
- C. 2nd January 1956
- D. 2nd January 1957

ANSWER: A

17. Hq Of Department of Space Is In

- A. New Delhi
- B. Bengaluru
- C. Kochi
- D. Kolkata

ANSWER: B

18. CAIR Stands For

- A. Centre for Artificial Intelligence & Robotics
- B. Centre for Artificial Intelligent & Robotics
- C. Centre for Artillery Intelligence & Robotics
- D. Centre form Artificial Intelligence & Robotics

ANSWER: A

19. "An Odyssey in War and Peace" Book Written By

- A. Shashi Tharoor
- B. SHF Manekshaw
- C. Hew Strachan
- D. Lt Gen J.F.R. Jacob

ANSWER: D

20. With reference to the Project 15B warships, consider the following statements:

- 1. They are equipped with BrahMos supersonic cruise missiles and long-range Surface-to-Air Missiles.**
- 2. 'INS Surat' was the first-ever ship of Project 15B Destroyers.**
- 3. Project 15B warships are completely indigenous.**

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 3 only
- D. 2 and 3 only

ANSWER: A