

Daily Defence Current Affairs

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Exercise Yudh Abhyas 2025

- An Indian Army contingent has departed for Fort Wainwright, Alaska, USA, to participate in the **21st edition** of the India-USA Joint Military Exercise Yudh Abhyas 2025, scheduled from 1st to 14th September 2025.
- The Indian contingent, comprising personnel from a battalion of the Madras Regiment, will train alongside soldiers from the 1st Battalion, 5th Infantry Regiment "Bobcats" of the Arctic Wolves Brigade Combat Team, 11th Airborne Division of the USA.
- In addition, subject-matter experts from both armies will conduct working groups on critical domains such as UAS and Counter-UAS operations, information warfare, communications and logistics.



DRDO Partners With Apollo Micro Systems

- The Defence Research and Development Organisation (DRDO) has further strengthened India's defence manufacturing ecosystem by deepening its partnership with Hyderabad-based Apollo Micro Systems Ltd.

- In a recent development, announced on 29 August 2025, DRDO officially designated Apollo Micro Systems as the production agency for the Multi-Influence Ground Mine – Vighana, a cutting-edge naval mine designed to enhance India's maritime security.
- Alongside this, DRDO has also signed a transfer of technology (ToT) agreement with the company for the Omni-Directional multi-EFP (Explosively Formed Penetrator) warhead, a highly sophisticated weapon subsystem engineered for maximum effectiveness against naval targets.
- Apollo Micro Systems, already recognised for its expertise in high-end electronics, mission-critical systems, and precision-engineered solutions for India's defence and aerospace sectors, will now be responsible for translating DRDO's lab-scale innovation into a secure, battle-ready weapon system.



BHEL To Manufacture Radar Domes

- Bharat Heavy Electricals Limited (BHEL), one of India's largest engineering and manufacturing public sector enterprises, has taken a significant step toward strengthening the nation's defence capabilities by entering into a technology transfer licence agreement with the Defence Metallurgical Research Laboratory (DMRL), Hyderabad, a premier facility of the DRDO.
- The partnership focuses on the manufacturing of radar domes, also referred to as Radomes, which are critical aerospace components used to protect sensitive seeker-based sensors in missile systems.

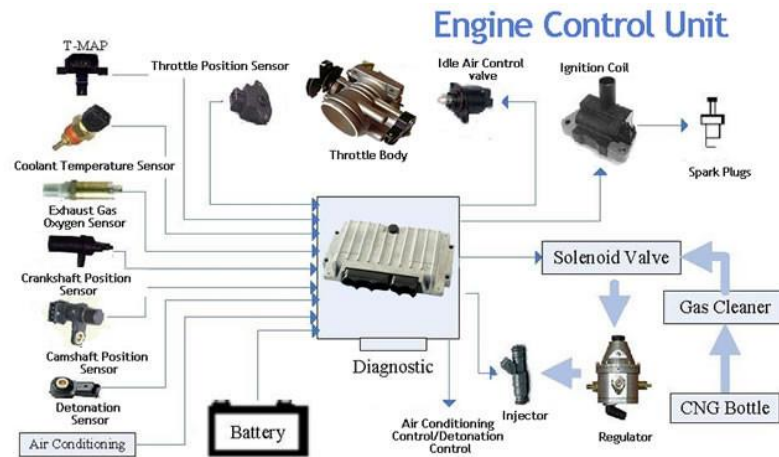
- These domes not only serve as a physical shield against adverse environmental conditions but also play a vital role in ensuring that electromagnetic signals and radar waves can pass through without distortion, allowing missile seekers to function with high accuracy and reliability.
- Under the agreement, DMRL has transferred to BHEL the advanced technology required for producing fused silica-based Radomes using cold isostatic pressing (CIP) and sintering techniques.
- Fused silica is a highly specialised material known for its exceptional thermal stability, very low dielectric loss, and superior transparency to electromagnetic waves over a wide frequency range.



Axiscades Bags Order Worth Rs 150 Crore In Defence Space

- Axiscades has bagged a new order worth Rs 150 crore in the defence space. Subsidiary Mistral Solutions has secured a significant new order from Combat Aircraft Systems Development & Integration Centre (CASDIC), DRDO, Ministry of Defence, Axiscades said in an exchange filing.
- The order is for the development of 10 Electronic Control Units for the cooling system for the Su-30 MKI (fighter aircraft) upgrade.
- It was awarded for prototype development and will be followed by a forecast production order for an estimated 600 (Electronic Control Units), with a value of Rs 150 crore over a period of five years.

- Bengaluru-based Axiscades is a leading end-to-end engineering and technology solutions provider, catering to sectors like energy, heavy engineering, aerospace, defence, and automotive, among others.



S, C, O — PM Modi's Three-Letter Message

- Prime Minister Narendra Modi has a knack for distilling complex strategies into crisp phrases. At the 25th Shanghai Cooperation Organisation (SCO) Summit in Tianjin, he did it again: India's regional vision rests on three letters--S, C, O.
- **Security. Connectivity. Opportunity.**
- On the surface, it was a diplomatic speech. Beneath that, it was a strategic message, aimed not only at SCO members but also at the wider geopolitical audience watching closely.
- Security first, no exceptions
- For Modi, the priority is clear: security underpins development. "Security, peace and stability are the basis of development of any country. But terrorism, separatism and extremism are big challenges in this path," he told fellow leaders.



REVIEW QUESTIONS

1. Exercise Yudh Abhyas 2025 between India and the USA is being held at which location?

- A. Fort Bliss, Texas
- B. Fort Wainwright, Alaska
- C. Camp Humphreys, South Korea
- D. Fort Hood, Texas

ANSWER: B

2. DRDO has designated Apollo Micro Systems as the production agency for which cutting-edge naval mine?

- A. Shakti
- B. Vighana
- C. Trishul
- D. Prabal

ANSWER: B

3. BHEL will manufacture radar domes (Radomes) using which specialised material?

- A. Carbon Fibre Composite
- B. Aluminium Alloy
- C. Fused Silica
- D. Titanium

ANSWER: C

4. At the 25th SCO Summit in Tianjin, PM Modi summarized India's regional vision into three letters—S, C, O. What do they stand for?

- A. Strategy, Cooperation, Outreach
- B. Security, Connectivity, Opportunity
- C. Strength, Confidence, Order
- D. Safety, Collaboration, Organisation

ANSWER: B

5. What was the theme of the third edition of MAHASAGAR conducted by the Indian Navy?

- A. Enhancing Maritime Capabilities in the Indo-Pacific
- B. Regional Stability through Naval Alliances
- C. Training Cooperation to Mitigate Common Maritime Security Challenges in IOR
- D. Indian Naval Empowerment in Global Waters

ANSWER: C

6. "If a man says he is not afraid of dying, he is either lying or he is a Gorkha". Said By Whom?

- A. V K Singh
- B. SHF Manekshaw
- C. Hew Strachan
- D. Lt Gen J.F.R. Jacob

ANSWER: B

7. CSL Hq Is In

- A. Kochi
- B. Noida
- C. Bengaluru
- D. Chennai

ANSWER: A

8. India Conducted Vajra Prahar Exercise With__.

- A. Qatar
- B. Maldives
- C. USA

D. Oman

ANSWER: C

9. Who Is The Chairman Of The NHRC?

A. Chief Justice of India or a judge of the Supreme Court

B. Governor

C. PM

D. None of the above

ANSWER: A

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