

Daily Defence Current Affairs

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DRDO Sanctions Seven New Projects To The Private Sector

- Providing impetus to Aatmanirbharta, DRDO has awarded seven new projects to industries under the Technology Development Fund scheme for various requirements of the Armed Forces and aerospace & defence sectors.
- These project sanctions are a testimony to the continuing endeavour of DRDO in nurturing Industries, especially MSMEs & start-ups, in defence and aerospace domains.
- The details of the sanctioned projects are given below:

Indigenous Scenario and Sensor Simulation Toolkit

- The project involves development of an indigenous toolkit for simulator training of pilots in realistic scenarios. This will help in full mission planning and large force engagement. The project has been awarded to start-up, Oxygen 2 Innovation Pvt Ltd, Noida.

Underwater Launched Unmanned Aerial Vehicle

- The project relates to a versatile marine battlefield accessories which can be deployed in multiple combat roles. The objective is Intelligence, Surveillance and Reconnaissance (ISR) and Maritime Domain Awareness (MDA). The project has been awarded to Sagar Defence Engineering Pvt Ltd Pune.

Long-range Remotely Operated Vehicles for Detection & Neutralisation

- The vehicles are dual-use systems that will enable detection, classification, localisation & neutralisation of underwater objects while keeping the key assets away from the suspected operational area. The project has been awarded to a start-up, IROV Technologies Pvt Limited, Kochi.

Development of Ice Detection Sensor for Aircraft

- The project aims to develop detecting icing condition in flight, caused by super cooled water droplets that freeze after their impact against the aircraft external surfaces and is utilised by the aircraft for turning on the aircraft Anti-icing mechanism. It has been awarded to Craftlogic Labs Pvt Ltd, Bengaluru.

Development of Radar Signal Processor with Active Antenna Array Simulator

- The project will enable deployment of multiple target system for test and evaluation of multiple short range aerial weapon system. It serves as the basic building block for larger radar systems. The project has been sanctioned to Data Pattern (India) Limited, Chennai.

Development of Indian Regional Navigation Satellite System-based Timing Acquisition & Dissemination System

- The project has been sanctioned to Accord Software & Systems Pvt Ltd, Bengaluru. It aims to enable indigenisation of timing acquisition and dissemination system, use of Indian Constellation for acquiring time & development of customised and flexible timing system as per range requirements.

Development of Graphene Based Smart & E-textiles for Multifunctional Wearable Applications

- The start-up, Alohatech Private Limited, Coimbatore has been sanctioned the project. It will develop a conductive yarn and fabric-making processes using graphene nanomaterials and conductive inks. The outcome will be advanced nanocomposite materials-based E-textiles utilising the inherent advantages for practical clothing applications.



NATO Leaders Pledge USD 43 Billion In Military Aid To Ukraine

- The NATO leaders have pledged to provide Ukraine with at least USD 43 billion in military aid within the next year to bolster its defences against Russia, which the 32 nations grouping sees Russia a growing threat to Europe.
- Moreover, the NATO leaders also formally declared Kyiv on an "irreversible path" to membership in the Western military alliance. The decision has been included in a final communique following a NATO summit in Washington, DC.
- The United States, Netherlands and Denmark announced that they would provide the first NATO-provided F-16 fighter jets to the Ukrainian military pilots by this summer.
- The US further said it will be deploying longer-range missiles in Germany in 2026, noting that it will be a major step aimed at countering what the allies say is Russia's growing threat to Europe.



China A "Decisive Enabler" Of Russia-Ukraine War

- NATO leaders on Wednesday said China's deepening ties with Russia are a cause of "deep concern" and accused Beijing of playing a key role in helping Moscow's assault on Ukraine.
- China "has become a decisive enabler of Russia's war against Ukraine through its so-called 'no limits' partnership and its large-scale support for Russia's defense industrial base," NATO leaders said in a declaration from their summit in Washington.
- NATO leaders urged China "to cease all material and political support to Russia's war effort."
- "This includes the transfer of dual-use materials, such as weapons components, equipment, and raw materials that serve as inputs for Russia's defense sector," the declaration said.
- China "cannot enable the largest war in Europe in recent history without this negatively impacting its interests and reputation," the alliance said.



India, Russia Fail To Sign RELOS

- PM Narendra Modi visited Russia, where he was warmly greeted by President Vladimir Putin. During the visit, the long-awaited **Reciprocal Exchange of Logistics Agreement (RELOS)** was expected to be signed, paving the way for simplified logistical support for military operations, including military exercises, training, port calls, humanitarian assistance, and disaster relief efforts.
- Despite Russia and India having long standing defense ties, India inked a similar agreement with the US way before in 2016. Once signed, the RELOS will be valid for five years and automatically renewed unless either country decides to terminate it.
- The biggest winner of RELOS would have been the Indian Navy, which would get access to Russian military facilities in the **Arctic**. With its economy largely dependent on agriculture, India will be impacted by the climate change around the Arctic, rising sea levels, and the monsoon pattern. The sea level in the Arctic has been declining at a rate of **13 percent per decade**.



Japan warns On China, North Korea in Defence White Paper

- Joint military activities around Japan by China and Russia are of "grave concern" and North Korea poses a greater threat than ever, Tokyo's defence ministry said Friday.
- In its annual white paper, the ministry outlined its stance on issues from tensions around Taiwan to the intensifying rivalry between China and the United States.
- Repeated joint sorties by Chinese and Russian ships around Japan "are clearly intended as a demonstration of force against Japan and are a grave concern from the perspective of national security," it said.
- North Korea, meanwhile, which often conducts missile tests in Japan's direction, poses a "more grave and imminent threat to Japan's national security than ever before".
- In previous years, the defence paper has raised the need to counter regional threats including growing Chinese military clout and a nuclear-armed North Korea.
- Japan plans to double its defence spending to the NATO standard of two percent of GDP by 2027, although the falling value of the yen may dent its purchasing power.



REVIEW QUESTIONS

1. How much military aid have NATO leaders pledged to provide Ukraine within the next year?

- A. USD 25 billion
- B. USD 35 billion
- C. USD 43 billion
- D. USD 50 billion

ANSWER: C

2. Which exercise is the IAF contingent participating in at the Royal Australian Air Force Base Darwin?

- A. Exercise Red Flag
- B. Exercise Cope India
- C. Exercise Pitch Black 2024
- D. Exercise Indra

ANSWER: C

3. RELOS Stands For

- A. Reciprocal Export of Logistics Agreement
- B. Reciprocal Exchange of Log Agreement
- C. Reciprocal Exchange of Logistics Agreement
- D. None

ANSWER: C

4. War Cry Of MECHANISED INFANTRY REGIMENT Is

- A. Bol Bajrang Bali Ki jai
- B. Raja Ramachandra ki jai
- C. Bolo Badri Vishal Lal ki jai
- D. None of the above

ANSWER: C

5. War Cry Of MECHANISED INFANTRY REGIMENT Is

- A. Bol Bajrang Bali Ki jai
- B. Raja Ramachandra ki jai
- C. Bolo Bharat Mata ki jai
- D. None of the above

ANSWER: C

6. CRPF Motto Is

- A. Service Before Self
- B. Service and Loyalty
- C. We Protect
- D. Touch the sky with glory

ANSWER: B

7. ICGS Saksham Is A

- A. Destroyer
- B. Aircraft Carrier
- C. OPV
- D. Refueling Ship

ANSWER: C

8. "Nuclearization of Asia" Book Written By

- A.** Rene Naba
- B.** VR Chaudhari
- C.** Gen Parvez Musharraf
- D.** APJ Abdul Kalam

ANSWER: A

9. Indian Coast Guard Formed On

- A. August 18, 1978
- B. September 18, 1978

- C. March 18, 1976
- D. April 18, 1976

ANSWER: A

10. 'MBT Bhishma' Is The Name Of :

- A. Fighter aircraft
- B. Tank
- C. Armoured vehicles
- D. Infantry regiments

ANSWER: B

11. Barak Is A

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

ANSWER: A

12. "Ordnance Factory Day" in India Is Observed On

- A. 14 March
- B. 15 March
- C. 16 March
- D. 18 March

ANSWER: D

13. INS Valsura Located At

- A. Jamnagar, Gujrat
- B. Mumbai, M.H
- C. Kochi, Kerala
- D. A & NC

ANSWER: A

14. Exercise Maitree Conducted B/w India &

- A. Thailand
- B. Nepal
- C. Bangladesh
- D. Bhutan

ANSWER: A

15. Infantry School Of Indian Army Is At

- A. Mhow
- B. Bhopal
- C. Gwalior
- D. Jammu

ANSWER: A

16. Officers Training Academy Is At

- A. Chennai
- B. Bhopal
- C. Gaya
- D. Both A & C

ANSWER: D

17. Northern Army Command headquarters Is in

- A. Jaipur
- B. Udhampur
- C. Pune
- D. Lucknow

ANSWER: B

18. DF-41 ICBM Is A Missile Of

- A. India
- B. Russia
- C. China
- D. North Korea

ANSWER: C

19. The IAI Heron UAV Developed By

- A. USA
- B. South Korea
- C. Israel
- D. China

ANSWER: C

20. Which Is Not The Commissioned Ranks In The Army Service?

- A. Brigadier
- B. Colonel

- C. General
- D. Commander

ANSWER: D