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DEFENCE UPDATES

30 JUNE 2021

Grene Robotics Develops India's First Autonomous Drone Defence Dome system called "Indrajaal"

- According to the firm, Indrajaal is capable of real-time situational awareness, can integrate with all current weapons suite and infrastructure, has a honeycombed cell structure seamlessly built over a combination of 9-10 technologies, provides 24x7x365 persistent and autonomous monitoring, tracking and action.
- Indrajaal can protect an area of 1000-2000 sq. km per system against threats from UAV's, Incoming Weapons, Loitering Munitions and Low-RCS targets.
- Conventional defences will be overwhelmed during a swarm attack scenario and an AI-Enabled Autonomous Dome with its own ecosystem of sensors and processing is the way forward. The process of establishing a fully functional system is an evolutionary process and needs technology vision and user involvement," Wg Cdr MVN Sai (Retd), CEO Defence, Grene Robotics said.

CDS Visits Forward Areas in Central Sector and HQ Western Command of Indian Army

- He visited forward areas along the Line of Actual Control in the Central Sector in Himachal Pradesh along with GOC, Uttar Bharat Area.
- He also visited the HQ of Western Command at Chandimandir where he reviewed the operational situation along the Western borders.
- He stressed upon the need to focus on training hard and remain vigilant to thwart the nefarious designs of our adversaries.

MOU Between Indian Navy and BEL for Technology Incubation Forum (TIF)

- It was signed on 29 June 21 at Integrated Headquarters, MoD (Navy), New Delhi.

- The broad charter of the TIF includes technology development in the domain of Weapons & Sensors, Information Technology and Emerging Technologies such as Artificial Intelligence & Machine Learning, Quantum Computing, Autonomous Platforms/ Robotics, Image Processing and Cognitive Radio.

CAS visit to Bangladesh

 **Indian Air Force** @IAF_MCC · 5h

CAS was invited by his counterpart Chief of Air Staff, Bangladesh Air Force to review the Passing Out Parade and Commissioning Ceremony at Bangladesh Air Force Academy (BAFA) in Jashore on 28 June 2021, on the occasion of 'President Parade 2021'.



A. Bharat Bhushan Babu and 7 others

3 156 1.3K



INS Tabar reaches Alexandria, Egypt

- Commanding Officer INS Tabar, Captain M Mahesh and his ships crew laid wreath at Alexandria Naval Unknown Soldier Memorial. The Commanding Officer also called upon Rear Admiral Ayman al-Daly, Commander of Alexandria Naval Base.
- On departure from port, INS Tabar undertook a maritime partnership exercise at sea with the Egyptian Navy Ship Tushka. The exercise included helo deck landing ops and underway replenishment drills. These evolutions at sea exemplified naval cooperation and interoperability between the IN and EN.

REVIEW QUESTIONS

1. India's First Autonomous Drone Defence Dome system:

- A. Shatrujaal
- B. Indrajaal
- C. Shatrujeet
- D. Indrajeet

ANSWER: B

2. Which company developed India's First Autonomous Drone Defence Dome system "Indrajaal"?

- A. Grene Robotics
- B. Invento Robotics
- C. Both A and B
- D. Neither A nor B

ANSWER: A

3. According to latest updates, Indrajaal can protect an area of ____ sq. km per system against threats from UAV's, Incoming Weapons, etc.

- A. 1000 – 2000
- B. 2000 – 3000
- C. 3000 – 4000
- D. 4000 – 5000

ANSWER: A

4. Which of these is correct about Gen. Bipin Rawat:

- A. First Chief of Defence Staff of India
- B. He assumed CDS office on 01 Jan 2020.
- C. He is a graduate of the Higher Command Course at Fort Leavenworth, USA.
- D. All above are correct.

ANSWER: D

5. Army Western Command HQ:

- A. Chandimandir
- B. New Delhi
- C. Ladakh
- D. Pune

ANSWER: A

6. An MOU was recently signed between Indian Navy and ____ for Technology Incubation Forum (TIF).

- A. BHEL
- B. BEL

- C. HAL
- D. BEML

ANSWER: B

7. CAS RKS Bhaduria recently visited which country and attended its Air Force Academy's POP as chief guest?

- A. Sri Lanka
- B. Nepal
- C. Bangladesh
- D. Myanmar

ANSWER: C

8. Bangladesh Air Force Academy (BAFA) is located in:

- A. Dhaka
- B. Mymensingh
- C. Jashore
- D. Chattogram

ANSWER: C

9. Recently, INS Tabar reached which Egyptian port?

- A. Adabiya
- B. Damietta
- C. Safaga
- D. Alexandria

ANSWER: D

10. On departure from Alexandria port, INS Tabar undertook a maritime partnership exercise at sea with which Egyptian Navy Ship?

- A. ENS El Fateh
- B. ENS Mahrousa
- C. ENS Tushka
- D. ENS Tahya Misr

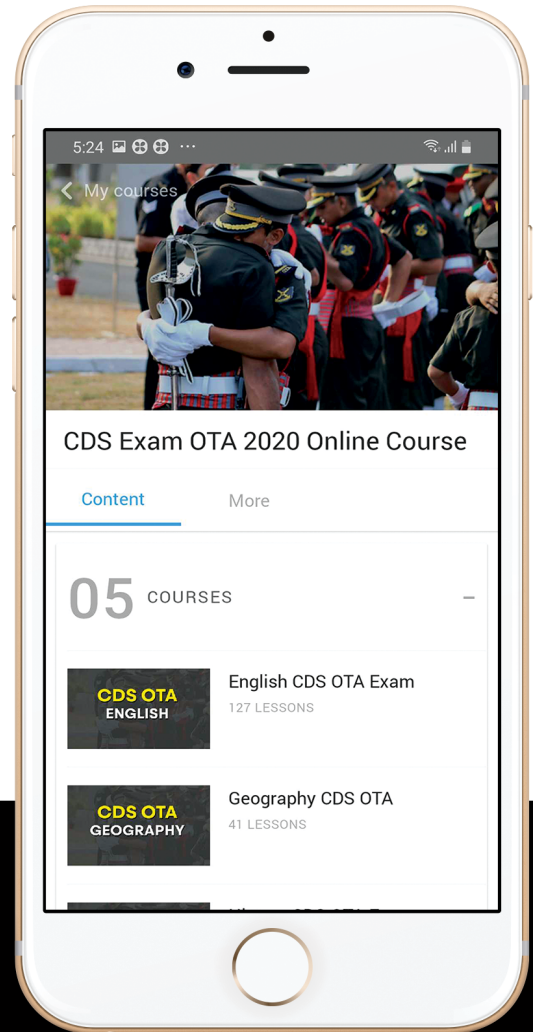
ANSWER: C



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