

Daily Defence Current Affairs

23 April 2024

AFMS & IIT Delhi ink MoU for Collaborative Research & Training

- Armed Forces Medical Services (AFMS) signed a Memorandum of Understanding (MoU) for collaborative research and training with Indian Institute of Technology (IIT) Delhi on 22 April 2024.
- The scope of this MoU includes undertaking research and innovation to develop novel medical devices and focus on solving health issues specific to serving soldiers in varied terrains.
- On this occasion, DGAFMS Lt Gen Daljit Singh informed that AFMS is dedicated to provide the highest level of medical care to soldiers and collaboration with institutes of national importance like IIT is a significant step towards this commitment. Director IIT Delhi Prof Rangan Banerjee commented that this MoU is full of possibilities for research and training beneficial to the nation and the Armed Forces.



INSV Tarini Returns Triumphant After Historic Transoceanic Expedition

- The Indian Naval Sailing Vessel (INSV) Tarini has returned triumphant to her base port at Goa on 21 Apr 24 after a historic transoceanic expedition of nearly two months duration.
- The expedition was undertaken in double-handed mode by Lt Cdr Dilna K and Lt Cdr Roopa A, women officers of the Indian Navy. Their exceptional journey marks a historic milestone as they become the first from India to accomplish such a feat.
- The expedition was Flagged off from Goa by renowned circumnavigator and their mentor Cdr Abhilash Tomy (Retd) on 28 Feb 24. After 22 days of navigating through the unpredictable elements of the Indian Ocean, INSV Tarini arrived at Port Louis, Mauritius, on 21 Mar 24.



Rashtriya Raksha University Signs MoU With French Starburst Aerospace

- Gandhinagar-based Rashtriya Raksha University (RRU) and Starburst Aerospace of France on Monday entered into a MoU to advance aerospace, defence, and homeland security innovation.

- The MoU includes the creation of a venture capital fund of 100 million euros for aerospace, defence and security technology and provides export promotion support for Indian start-ups to explore international markets, the RRU said in a release.
- The partnership between Starburst and RRU is a reflection of the progress in the India-France Strategic Partnership in defence and space, it said.
- RRU and Starburst will work together to advance a vibrant security and defence ecosystem in India, facilitating enterprise creation and nurturing the rapid growth of innovative start-ups in the region, it said.



HAL, NAL Sign Tech Transfer Pact For Tejas Engine Day Door Production

- Defence PSU HAL said it has signed a Transfer of Technology agreement with National Aerospace Laboratories for the manufacture of the Bismaleimide Engine Bay Door for the series production of Light Combat Aircraft Tejas Mk1A.
- LCA Tejas Mk1A is an indigenous 4.5 generation, all-weather and multi-role fighter aircraft for the IAF.
- With the signing of the technology transfer for Bismaleimide Engine Bay Door, HAL can directly produce these high temperature resistant composite parts for the series production of LCA Mk1A aircraft meeting the initial requirement of IAF squadrons, a joint statement said.

- LCA Tejas Mk1A -- installed with the first set of Carbon-BMI Engine Bay Door assembly -- successfully completed the first flight from HAL facility here on March 28 this year.



Global Defence Budget Jumps To Record High Of \$2440bn

- Global military expenditure has reached a record high of \$2440bn (£1970bn) after the largest annual rise in government spending on arms in over a decade, according to a report.
- For the first time, analysts at the thinktank recorded a rise in military outlay in all five geographical regions: Africa, Europe, the Middle East, Asia and Oceania and the Americas.
- The two largest spenders – the **United States (37%)** and **China (12%)** – made up around half of global military spending, increasing their expenditure by **2.3%** and **6%** respectively.
- The US government spent **9.4%** more on “research, development, test and evaluation” than in 2022 as Washington sought to stay at the forefront of technological developments.
- **Russia, India, Saudi Arabia and the UK** – the largest spender in central and western Europe after a **7.9%** year-on-year increase – follow in Sipri’s league table.



REVIEW QUESTIONS

- 1. Which country is planning to test the Astra Mark-2 air-to-air missile with a 130 km range?**
 - A. India
 - B. China
 - C. Russia
 - D. United States

ANSWER: A

- 2. From which state did DRDO successfully test-fire the Indigenous Technology Cruise Missile?**
 - A. Andaman Nicobar
 - B. Odisha
 - C. Tamil Nadu
 - D. Kerala

ANSWER: B

- 3. Ex 'Poorvi Prahar' Is A**
 - A. Domestic Ex
 - B. Bilateral Ex
 - C. Multilateral Ex
 - D. All of the above

ANSWER: A

4. Which organization signed a contract with CSL for the supply of gas turbines and auxiliaries for the Indian Navy's NGMV project?

- A. Mazagon Dock Shipbuilders Limited
- B. Bharat Electronics Limited
- C. Hindustan Aeronautics Ltd
- D. Indian Space Research Organisation

ANSWER: C

5. In which state is DRDO setting up a new test centre for weapon systems?

- A. Odisha
- B. West Bengal
- C. Tamil Nadu
- D. Maharashtra

ANSWER: B

6. Which country hosted the 'Dosti-16' trilateral exercise involving India, Maldives, and Sri Lanka?

- A. Maldives
- B. India
- C. Sri Lanka
- D. Bangladesh

ANSWER: A

7. Which city is being transformed into India's inaugural tri-service common defence station?

- A. Delhi
- B. Bangalore
- C. Mumbai
- D. Chennai

ANSWER: C

8. What is the purpose of the MoU between RRU and Starburst Aerospace?

- A. Enhance automotive technology
- B. Advance aerospace, defence, and homeland security innovation
- C. Develop renewable energy solutions
- D. Promote agricultural research

ANSWER: B

9. What does the Transfer of Technology agreement b/w HAL and National Aerospace Laboratories focus on?

- A. Manufacture of agricultural equipment
- B. Production of renewable energy systems
- C. Development of automotive parts
- D. Manufacture of the Bismaleimide Engine Bay Door for Light Combat Aircraft Tejas Mk1A

ANSWER: D

10. Who Becomes First Woman Subedar Of Indian Army?

- A. Havildar Preeti Rajak
- B. Havildar Sucheta
- C. Havildar Neha Tyagi
- D. None

ANSWER: A

11. Exercise 'SADA TANSEEQ' Conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. SAUDI ARABIA

ANSWER: D

12. INS Karmuk Is A

- A. Destroyer
- B. Missile Corvette
- C. Submarine
- D. Tank

ANSWER: B

13. Combat Air Teaming System (CATS) Is An Indian Unmanned & Manned Combat Aircraft Air Teaming System Developed By

- A.** HAL
- B.** DRDO
- C.** JAXA
- D.** Boeing

ANSWER: A

14. Ex 'Ekuverin' Conducted B/W India &

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

ANSWER: D

15. Safran Manufactures Aircraft Engines, Rocket Engines MNC Comes From

- A. Germany
- B. France
- C. Nepal
- D. UK

ANSWER: B

16. 'Praia' Is The Capital Of

- A. Costa Rica
- B. Comoros
- C. Cameroon
- D. Cape Verde

ANSWER: D

17. "Roller Coaster: An Affair with Banking" Book Is Written By

- A. Tamal Bandyopadhyay
- B. Ranjan Gogoi
- C. Manish Tiwari
- D. Neha Sharma

ANSWER: A

18. UNDP Was Established In

- A. 1965
- B. 1975
- C. 1985
- D. 1995

ANSWER: A

19. Lamitye Exercise Held B/W India And ___?

- A. Thailand
- B. USA
- C. Qatar
- D. Seychelles

ANSWER: D

20. War Cry of THE MAHAR REGIMENT

- A. Bharat Mata ki Jai
- B. Bolo Hindustan Ki Jay
- C. Jai Hind
- D. Durga Mata Ki Jai

ANSWER: B