

# Daily Defence Current Affairs

## 07 August 2024

### IIT Indore Develops Shoes For Armed Forces

- In an innovation that can boost the safety and efficiency of armed forces personnel, the Indian Institute of Technology (IIT) Indore has designed special shoes for soldiers equipped with a technology that can generate electricity and detect the wearer's location in real time, officials said on Tuesday.
- IIT Indore has already supplied the first batch of 10 pairs of these shoes to the Defence Research and Development Organisation (DRDO), they said.
- IIT Indore director Professor Suhas Joshi said the innovative features of these shoes will boost the safety, coordination and efficiency of Army personnel.
- The shoes, made under the guidance of Professor I A Palani, are enabled with Tribo-Electric Nanogenerator (TENG) technology that can generate electricity with every step.
- The TENG technology can be used to track the location of senior citizens suffering from Alzheimer's, school children and climbers and can help monitor the attendance and work of workers in factories, they said.



## Armed Forces Special Powers Act

- There has been considerable reduction in 'disturbed areas' under the **Armed Forces (Special Powers) Act, 1958**. The application of this Act has been removed from most parts of the Northeastern States since 2014, as per the details given below:
- **Tripura:** completely withdrawn with effect from 27.05.2015
- **Meghalaya:** completely withdrawn with effect from 1.04.2018
- **Assam:** completely withdrawn from all the districts except 4
- **Arunachal Pradesh:** withdrawn gradually and now applicable only in 3 Police Station areas in Namsai district and 3 other districts i.e., Tirap, Changlang and Longding
- **Manipur:** withdrawn from 19 Police Station areas in 7 districts
- **Nagaland:** withdrawn partly and now applicable only in 8 districts and 21 Police Station areas in 5 other districts.
- The security situation in the Northeastern States has seen significant improvement since 2014. Compared to 2014, there has been **71% reduction** in insurgency incidents, **60% decrease** in the number of Security Forces personnel deaths and **82% decrease** in civilian fatalities in 2023.
- This was stated by the Minister of State for Home Affairs, Shri Nityananda Rai in a written reply to a question in the Lok Sabha.
- Armed Forces (Special Powers) Act, 1958 is an act of the Parliament of India that grants special powers to the Indian Armed Forces to maintain public order in "disturbed areas". According to the Disturbed Areas Act, 1976 once declared 'disturbed', the area has to maintain status quo for a minimum of 3 months.



## Exercise Udara Shakti 2024

- IAF contingent arrived in Kuantan, Malaysia for bilateral Exercise Udara Shakti 2024. With focus on strengthening ties, sharing maintenance practices and improving operational coordination between the two Air Forces, IAF Su-30 MKIs will fly alongside RMAF Su-30 MKMs.
- This year's Udara Shakti marks the fourth iteration of the series and the second time it has been held in Malaysia. It follows the inaugural exercise conducted in 2022 and builds upon the growing defence cooperation between India and Malaysia.
- The exercise not only focuses on aerial maneuvers but also encompasses knowledge sharing on maintenance practices, further solidifying the partnership between the two air forces. By fostering mutual understanding and cooperation, Udara Shakti 2024 is expected to contribute significantly to regional security and stability.



## India Holds Large Strike Corps Exercise In Eastern Ladakh

- India is conducting a large-scale strike corps exercise in Eastern Ladakh, with all elements including artillery, armoured and infantry troops taking part in the wargames.
- Being conducted in areas close to border flashpoints on the Line of Actual Control (LAC), the exercise will test the preparedness of troops that have been tasked with quickly maneuvering to the front in case hostilities break out.
- India and China have been engaged in a military standoff for over four years and multiple rounds of talks at military as well as political levels have not yielded much results in ending the standoff.
- The Indian Army has deployed over 500 tanks and armoured fighting vehicles in the area since 2020 and has built infrastructure at a very fast pace there.
- The Indian side has deployed over 50,000 troops to match the Chinese deployments across the Line of Actual Control to prevent any further attempts by the Chinese to alter the status quo there.



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## Ex Tarang Shakti 2024

- As Exercise Tarang Shakti 2024 commenced on Tuesday in Tamil Nadu's Sullur, Air Chief Marshal VR Chaudhari said that it's a huge achievement for India to organize an exercise of such scale and Air Force and all participants have lived up to the challenge.
- A German Air Force A-400M transport aircraft at Indian Air Force station Palam also took part in India's first multinational exercise Tarang Shakti being held in India at Sullur and Jodhpur in two phases.
- The exercise is being conducted in two phases, first in Tamil Nadu's Sullur and second in Rajasthan's Jodhpur, which aim to showcase India's defence prowess and provide a platform for participating militaries to foster coordination.



## REVIEW QUESTIONS

1. **Where is the first phase of the Tarang Shakti 2024 exercise being conducted?**
- A. Rajasthan's Jodhpur
  - B. Tamil Nadu's Sullur
  - C. Ladakh
  - D. Gujarat's Bhuj

**ANSWER: B**

2. **What elements are included in the large-scale strike corps exercise being conducted in Eastern Ladakh?**
- A. Naval and air force units
  - B. Artillery, armoured, and infantry troops
  - C. Special forces and paramilitary units
  - D. Cyber and electronic warfare units

**ANSWER: B**

3. **What innovation has IIT Indore designed for soldiers?**
- A. Bulletproof vests with embedded communication devices
  - B. Helmets with night vision capabilities
  - C. Special shoes that generate electricity and detect location in real-time
  - D. Lightweight drones for surveillance

**ANSWER: C**

**4. Armed Forces Medical College Is Located At**

- A. Agra
- B. Mumbai
- C. Pune
- D. Nagpur

**ANSWER: C**

**5. INS Chennai Is A**

- A. Missile Destroyer
- B. Submarine
- C. Landing Ship Tank
- D. None

**ANSWER: A**

**6. INS Karmuk Is A**

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

**ANSWER: B**

**7. R&AW Stands For**

- A. Research and Analytical Wing
- B. Raw and Analysis Wing
- C. Research and Analysis Wing
- D. Research and Analysis Wet

**ANSWER: C**

**8. "Sarvatra" (Everywhere) Is The Motto Of**

- A. JKRIF
- B. RR
- C. CORPS OF ENGINEERS
- D. Madras Regiment

**ANSWER: C**

**9. Joint Exercises B/w The India And UK Is Called:**

- A. Yama
- B. SLINEX

- C. Indra
- D. Konkan Shakti

**ANSWER: D**

**10. Where Is The Hq Of The Southwestern Command of The Indian Army?**

- A. Jaipur
- B. Vishakhapatnam
- C. Pune
- D. Mumbai

**ANSWER: A**

**11. Moroni Is The Capital Of**

- A. Comoros
- B. Costa Rica
- C. Cuba
- D. Dominica

**ANSWER: A**

**12. "An Introduction to Dreamland" Book Is Written By**

- A. Bhagat Singh
- B. Leo Tolstoy
- C. Jules Verne
- D. Gunnar Myrdal

**ANSWER: A**

**13. Current NSA Of India Is**

- A. S Jaishankar
- B. Ajit Doval
- C. R Hari Kumar
- D. V R Chaudhari

**ANSWER: B**

**14. Ex 'AUSINDEX' conducted b/w India &**

- A. Angola
- B. Oman
- C. UAE
- D. Australia

**ANSWER: D**

**15. Vice Chief of the Naval Staff (India) Is**

- A. Satish Namdeo Ghormade
- B. R Hari Kumar
- C. Karambir Lamba
- D. Sunil Singh

**ANSWER: A**

**16. Joint Exercises B/w The India And USA Is Called:**

- A. Yama
- B. SLINEX
- C. Indra
- D. Tiger Triumph

**ANSWER: D**

**17. Where Is The Hq Of The Eastern Command of The IAF?**

- A. Kochi
- B. Vishakhapatnam
- C. Shillong
- D. Mumbai

**ANSWER: C**

**18. Indian Military Academy Is Located At**

- A. Pune
- B. Mumbai
- C. Pune
- D. Nagpur

**ANSWER: A**

**19. Current Raksha Mantri Is**

- A. Rajnath Singh
- B. Ajay Bhatt
- C. Smirti Irani
- D. Anurag Thakur

**ANSWER: A**



**20. Ex 'Indra' Conducted b/w India &**

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

**ANSWER: A**

