

# Daily Defence Current Affairs

## 10 September 2024

### Dr D K Sunil Appointed CMD of HAL

- Hindustan Aeronautics Ltd announced the appointment of Dr D K Sunil as the Chairman & Managing Director of the company. The move was based Ministry of Defence, Department of Defence Production, Government of India Letter.
- Sunil held additional charge of Chairman & Managing Director from September 1. His term begin from the date of assumption of charge till April 30, 2026, the date of his superannuation or until further orders of Ministry of Defence.
- Prior to taking over as Chairman & Managing Director, Sunil was holding the post of Director (Engineering and R&D) of the Company from September 29, 2022.
- Sunil joined HAL in 1987 as a Management Trainee and has 37 years of experience in varied roles in the company contributing significantly to design, production, quality enhancement, and customer support issues.



## Exercise Yudh Abhyas -2024

- The **20<sup>th</sup> edition** of India-USA Joint Military Exercise YUDH ABHYAS-2024 commenced at Foreign Training Node in Mahajan Field Firing Ranges, Rajasthan. The exercise is scheduled to be conducted from 9<sup>th</sup> to 22<sup>nd</sup> September 2024.
- Exercise YUDH ABHYAS has been held annually since 2004, alternating between India and the USA.
- This edition marks a significant increase in the scope and complexity of the joint exercise in terms of troop strength and equipment. The Indian Army contingent comprising 600 personnel is being represented by a battalion of the RAJPUT Regiment along with personnel from other arms and services.
- The US contingent comprising of similar strength will be represented by the troops of 1-24 Battalion of the Alaska based **11<sup>th</sup> Airborne Division** of the US Army.
- Aim of the Joint Exercise is to enhance joint military capability of both sides to undertake counter terrorism operations in a sub conventional scenario under Chapter VII of the United Nations Charter. The exercise will focus on operations in the semi-desert environment.
- Tactical drills to be rehearsed during the exercise include joint response to a terrorist action, joint planning and combined field training exercises that simulate real-world counter-terrorism missions.



## Indian Army & IAF ink MoU with Gati Shakti Vishwavidyalaya

- To enhance the skills and capability building of their personnel, Indian Army and IAF signed a MoU with **Gati Shakti Vishwavidyalaya**, Vadodara in the presence of Raksha Mantri Rajnath Singh and Minister of Railways Ashwini Vaishnaw in New Delhi on September 09, 2024.
- The MoU will enable the two Services to acquire higher expertise on logistics. It will ensure development of in-house expertise on various facets of logistics operations and contribute effectively towards the national development plans - **PM Gati Shakti National Master Plan 2021** and **National Logistics Policy 2022**.
- Prime Minister launched the **PM Gati Shakti National Master Plan (NMP) on 13th October 2021** for providing multimodal connectivity infrastructure to various economic zones.
- PM Gati Shakti National Master Plan provides a comprehensive database of the trunk & utility infrastructure, ongoing & future projects of various Infra structure and Economic Ministries/Departments of Central Government and States/UTs. This data is integrated with the GIS-enabled PM Gati Shakti platform, there by facilitating the integrated planning, designing, and monitoring of the Next Generation infrastructure projects on a single portal.
- Economic Zones like textile clusters, pharmaceutical clusters, defence corridors, electronic parks, industrial corridors, fishing clusters, agri zones etc. are being mapped for integrated infrastructure planning and make Indian businesses more cost competitive. This will boost economic growth, attract foreign investments while de-risking investments by visualizing the connectivity, and enhance the country's global competitiveness in export markets.
- While the development of integrated infrastructure development is addressed through the **PM Gati Shakti NMP**, efficiency in services (like processes, digital systems, and regulatory framework) and human resources is addressed by the **National Logistics Policy, 2022** through its Comprehensive Logistics Action Plan (CLAP). NMP and National Logistics Policy together provide a framework for creating a data-driven decision support mechanism for an efficient logistics ecosystem aimed at reducing logistics costs and enhancing logistics efficiency in the country.

- Government has launched a **National Logistics Policy (NLP) 2022**, aiming to achieve 'quick last-mile delivery', end transport-related challenges.
- Logistics encompasses planning, coordinating, storing, and moving resources — people, raw materials, inventory, equipment, etc., from one location to another, from the production points to consumption, distribution, or other production points.
- The term "logistics" describes the total process of controlling the acquisition, storage, and delivery of resources to their intended location.
- It entails locating potential distributors and suppliers and evaluating the viability and accessibility of such parties.
- Logistics costs have to be cut by half to be near global benchmarks by 2030 by reducing the cost of logistics from 14-18% of GDP to global best practices of 8%.
- Countries like the US, South Korea, Singapore, and certain European nations have such a low logistics cost-to-GDP ratio.
- The current cost is 16% of GDP.
- Being the 5th largest economy in the world, India aims to be among the top 10 in the LPI (Logistics Performance Index) by 2030. It has to match the pace of South Korea.



## Joint Doctrine for Amphibious Operations

- In a landmark event, CDS General Anil Chauhan released the Joint Doctrine for Amphibious Operations during the Chiefs of Staff Committee (COSC) meeting held on 09 Sep 2024, in New Delhi.
- The Doctrine is a keystone publication which will provide guidance to the Commanders for conduct of Amphibious Operations in today's complex military environment.
- The amphibious capability empowers the Armed Forces to conduct a multitude of operations in the Indian Ocean Region, both during war and peace. These operations are a crucial component of multi-domain operations and serve as the best example of the cohesion and integration amongst the Armed Forces.
- Following the release of **Joint Doctrine for Cyberspace Operations**, the **Joint Doctrine for Amphibious Operations** is the 2<sup>nd</sup> Joint Doctrine released this year and it provides due focus on Jointness and Integration of Armed Forces in general and Amphibious Operations in particular.



## MoD Signs Rs 26,000 Crore Contract With HAL

- In a major boost to Aatmanirbhar Bharat, Ministry of Defence (MoD) has signed a contract with HAL for **240 AL-31FP Aero Engines for Su-30MKI aircraft** at a cost of over **Rs 26,000 crore**.
- These aeroengines will be manufactured by the **Koraput Division of HAL** and are expected to fulfil the need of the IAF to sustain the operational capability of the Su-30 fleet for the defence preparedness of the country.

- HAL would supply **30 aero-engines per annum** as per the contractual delivery schedule. The supply of all **240 engines** would be completed over the period of **next eight years**.
- By the end of the delivery programme, HAL would enhance the indigenisation content up to 63% to achieve an average of over 54%.



## Historic Flight by Vice Chiefs of Army, Navy, and IAF

- In a landmark event for India's Defence forces, the Vice Chiefs of Indian Army, Navy and Air Force made history by flying in the indigenously manufactured **Light Combat Aircraft (LCA) Tejas**.
- **Vice Chief of Air Staff Air Marshal AP Singh** flew the lead fighter and **Vice Chief of the Army Staff, Lt Gen NS Raja Subramani** as well as **Vice Chief of the Naval Staff, Vice Admiral Krishna Swaminathan** flew in the Tejas twin seater.
- Their joint participation in the exercise demonstrates the growing focus on cross-domain cooperation, with land, sea, and air forces working together to face modern challenges.

- The flight took place over the skies of Jodhpur wherein IAF has organized the exercise Tarang Shakti 2024, India's first multi-national exercise aimed at enhancing interoperability and operational coordination amongst participating Friendly Foreign Countries (FFCs).



## REVIEW QUESTIONS

- 1. The MoD signed a contract with HAL for the supply of 240 AL-31FP Aero Engines for which aircraft?**
  - A. Mirage 2000
  - B. Su-30MKI
  - C. MiG-29
  - D. Rafale**ANSWER: B**
- 2. Which division of HAL will manufacture the AL-31FP Aero Engines for the Su-30MKI aircraft?**
  - A. Bengaluru Division
  - B. Nashik Division
  - C. Koraput Division
  - D. Lucknow Division**ANSWER: C**
- 3. Who released the Joint Doctrine for Amphibious Operations during the Chiefs of Staff Committee meeting?**

- A. Defence Minister Rajnath Singh
- B. Chief of Naval Staff Admiral R. Hari Kumar
- C. Chief of Defence Staff General Anil Chauhan
- D. Army Chief General Manoj Pande

**ANSWER: C**

**4. The Indian Army and IAF signed an MoU with which university to develop in-house expertise in logistics operations?**

- A. Delhi University
- B. Jawaharlal Nehru University
- C. Gati Shakti Vishwavidyalaya, Vadodara
- D. Banaras Hindu University

**ANSWER: C**

**5. Where is the 20<sup>th</sup> edition of the India-USA Joint Military Exercise YUDH ABHYAS-2024 being conducted?**

- A. Pangong Lake, Ladakh
- B. Mahajan Field Firing Ranges, Rajasthan
- C. Fort Bragg, USA
- D. Auli, Uttarakhand

**ANSWER: B**

**6. Since which year has the India-USA Joint Military Exercise YUDH ABHYAS been conducted annually?**

- A. 1998
- B. 2004
- C. 2010
- D. 2015

**ANSWER: B**

**7. TROPEX Stands For**

- A. Theatre Level Ready Operational Exercise
- B. Theatre Level Readiness Operational Exercise
- C. Theatre Level Readiness Operation Exercise
- D. None of the above

**ANSWER: B**



**8. Which Nation Doesn't Participate In Ex Malabar?**

- A. Australia
- B. Austria
- C. Japan
- D. USA

**ANSWER: B**

**9. Who Is The Chairman Of The National Command Authority Of India?**

- A. PM
- B. NSA
- C. Cabinet Secretary
- D. Defence Minister

**ANSWER: A**

**10. 'Ex KOMODO' Hosted By**

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

**ANSWER: D**

**11. Operational Range of Rudram-1 Is**

- A.** 150 km
- B.** 250 km
- C.** 350 km
- D.** 450 km

**ANSWER: B**

**12. Army Air Defence College Is In**

- A. Gopalpur, Odisha
- B. Pune, M.H.
- C. Chennai, T.N.
- D. None

**ANSWER: A**

**13. "Sarvatra Izzat-o-Iqbal" Is The Motto Of**

- A. Dogra Scouts
- B. Sikkim Scouts

- C. Regiment Of Artillery
- D. None of the above

**ANSWER: C**

**14. Prahaar Missile Manufactured By**

- A. MDL
- B. BDL
- C. CSL
- D. DRDO

**ANSWER: B**

**15. Thales Group Is A Company of \_\_\_**

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

**ANSWER: D**

**16. Which Of The Following Is Not The Command Location Of The Indian Army?**

- A. New Delhi
- B. Lucknow
- C. Pune
- D. Jaipur

**ANSWER: A**

**17. Which Is The 2 Star Rank In The Indian Army?**

- A. Brigadier
- B. Major General
- C. Lt Gen
- D. Colonel

**ANSWER: B**

**18. Bratislava Is The Capital**

- A. Oman
- B. Serbia
- C. UAE
- D. Slovakia

**ANSWER: D**

**19. "Courts of India" Book Written By**

- A. Shashi Tharoor
- B. CJI Ranjan Gogoi (Former)
- C. Roopa Pai
- D. Peter Baker

**ANSWER: B**

**20. Boeing Is A Company of \_\_\_**

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

**ANSWER: B**