

Daily Defence Current Affairs

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Sri Lankan Opposition Leader Backs India's Bid for Permanent UNSC Seat

- Sri Lanka's Opposition Leader Sajith Premadasa has backed India's long-pending bid for a permanent seat at the United Nations Security Council (UNSC), calling it a recognition of "global power realities" and that he will continue to support that effort.
- "Pleased to meet Leader of Opposition @sajithpremadasa of Sri Lanka. Discussed India-Sri Lanka relations and our Neighbourhood First policy. India will always be supportive of progress and development in Sri Lanka," Jaishankar wrote on X after the meeting.
- Earlier in the day, Premadasa attended a talk at Sapru House organised by the Indian Council of World Affairs (ICWA), where he highlighted the need for a structured approach to resolve the long-standing fishermen issue between the two nations.
- "The fishing issue is very important. The two countries must cooperate and establish a proper, workable framework, one that is based on fact and substance," Premadasa said in a reply to a question by ANI at an event titled 'India-Sri Lanka Bilateral Relations' here.
- He cited international conventions like the UN Convention on the Law of the Sea (UNCLOS) and urged both sides to ensure that fishing activities remain legal and sustainable.



EME Establishes Drone Hubs In Southern Command

- The Indian Army's Corps of Electronics and Mechanical Engineers (EME) has launched new Drone Hubs within the Southern Command. These hubs are dedicated to the in-house design, development, and mass production of combat-ready drones. The initiative is a major step toward self-reliance in defence technology, aligning with the national vision of Atmanirbhar Bharat.
- Guided by the mantra "Eagle on Every Arm," the Southern Command aims to equip every soldier with the capability to operate drones for surveillance, precision strike, and electronic warfare. This doctrine envisions drones as an essential extension of every soldier's operational toolkit, transforming battlefield dynamics.
- The Drone Hubs leverage the technical expertise of the Corps of EME, which is responsible for the maintenance and technical support of all Army equipment. The hubs also collaborate closely with India's Micro, Small, and Medium Enterprises (MSMEs), fostering rapid prototyping, indigenous component integration, and accelerated deployment of new systems.



IISc Builds India's First Photonic Quantum Computer

- The Indian Institute of Science (IISc) has achieved a significant milestone by developing a six-qubit photonic quantum system, the first of its kind in India and a world first for generating a six-qubit entangled GHZ (Greenberger–Horne–Zeilinger) state using gate operations without any probabilistic processes.
- This system uses photons—packets of light—as qubits, leveraging their polarisation and spatial path properties to encode multiple qubits per photon. Specifically, a single photon encodes three qubits: one from polarisation and two from spatial path encoding, and by entangling two such photons, the team realised a six-qubit system.
- This photonic quantum computing approach operates at room temperature and offers robustness against environmental noise, making it highly practical. The IISc team demonstrated universal quantum gates using a quantum walk mechanism with linear optical components like beam splitters and waveplates to perform deterministic multi-qubit gate operations.



Indigenous Tactical Gear Development By Anuvyom Alliance

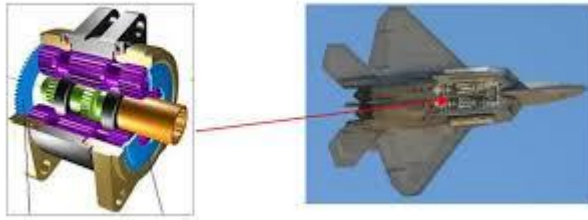
- Anuvyom Alliance, a Noida-based company, is actively developing indigenous tactical gear aimed at the defence and security sectors. The organisation is positioned in the UPSIDA Industrial Area of Greater Noida and focuses on producing advanced military, tactical, and protective equipment.
- This effort supports India's drive for self-reliance in defence manufacturing and innovation, aligning with national strategic goals.
- They specialise in manufacturing equipment such as bulletproof jackets, stun batons, riot shields, and anti-spike boots. The company integrates high-performance materials and cutting-edge designs to deliver reliable protective gear for frontline personnel, enhancing safety and operational capability.



DRDO's TDF Seeks Partners For Indigenous Jam-Tolerant Geared Rotary Actuator

- India's DRDO under the Technology Development Fund (TDF) has issued an invitation for industry participation in the design and development of a Jam-Tolerant Geared Rotary Actuator for advanced aerospace applications.
- This initiative targets self-reliance in advanced actuator systems that form a critical part of modern flight control and stealth mechanisms, according to a RFP on DRDO's official website.
- The project stipulates a minimum of 50 per cent indigenous content, aligning with the national goal of achieving comprehensive technological self-sufficiency in aerospace subsystems.

Logical Diagram for explaining the problem:



Safran To Boost Indian Supplier Network To Over 40 By FY26

- French aerospace leader Safran is preparing to expand its network of Indian suppliers from 25 to more than 40 by FY26, according to Marjolaine Grange, Executive Vice-President – Global Purchasing.
- The move is part of Safran's ongoing strategy to strengthen its integration into India's burgeoning aerospace manufacturing ecosystem under the Government's 'Make in India' framework.
- Safran's sourcing expansion reflects its confidence in India's growing industrial capabilities, especially in precision manufacturing and materials engineering.
- The company already operates multiple facilities in India, including those for engine components and avionics systems, and has progressively increased its collaboration with Indian vendors since first onboarding a local supplier in 2004.
- The company anticipates another doubling in procurement by 2027 and a further rise by 2030—underscoring India's growing role in Safran's global value chain. This acceleration is aimed at creating a more resilient, cost-effective, and technologically competitive supply network.

Safran to expand Indian supplier base to over 40 vendors by FY26

Rohit Vaid
New Delhi

French aerospace giant Safran is gearing up for a significant expansion of its supplier network in India, a top company official told *businessline*.

Accordingly, the aerospace major aims to increase the number of key Indian suppliers from the current 25 to over 40 vendors in the near future.

Speaking to *businessline*, Marjolaine Grange, Executive Vice-President – Global Purchasing, Safran, said the move is part of the company's broader strategy to deepen its footprint in the country.

It will also strengthen the aerospace giant's integrated supply chain in support of the Government of India's 'Make in India' initiative, Grange added. Currently, Safran's supplier portfolio



Marjolaine Grange, Executive Vice-President – Global Purchasing, Safran

primarily covers machining and related commodities.

Additionally, procurement spending from Indian suppliers has already doubled over the past two years.

Without disclosing the actual amount, Grange said this trend is set to continue, with expectations to double

again by 2027 and yet again by 2030. This anticipated growth, she said, will be driven by expanded supplier capabilities in raw materials, casting, and forging.

Furthermore, the company's roadmap envisages broadening this base to include raw materials, casting, and forging — sectors crucial to creating a more integrated and competitive aerospace supply chain in India.

EXPANSION DRIVE

This expansion is expected to significantly enhance Safran's local manufacturing capabilities. According to Grange, Safran's approach is highly selective, competitive, and performance-driven.

"We partner with suppliers who consistently deliver excellence and set industry benchmarks, ensuring that our supply chain meets the highest standards demanded by OEMs and Tier-I customers," she added.



REVIEW QUESTIONS

- Who among the following supported India's bid for a permanent seat at the UNSC?
 - Ranil Wickremesinghe
 - Sajith Premadasa
 - Mahinda Rajapaksa
 - Gotabaya Rajapaksa

ANSWER: B

- What is the motto guiding the Indian Army's Southern Command Drone Hub initiative?
 - Drone for Every Mission
 - Eagle on Every Arm
 - Sky is the Limit
 - Power of Precision

ANSWER: B

3. The Indian Institute of Science (IISc) has developed India's first _____.

- A. Nuclear Fusion Reactor
- B. Six-qubit Photonic Quantum Computer
- C. Superconducting Processor
- D. Optical Laser Chip

ANSWER: B

4. Which company is developing indigenous tactical gear for India's defence and security forces?

- A. Alpha Defence Systems
- B. Bharat Forge
- C. Anuvyom Alliance
- D. Mahindra Defence

ANSWER: C

5. By which fiscal year does Safran plan to expand its Indian supplier base to over 40 companies?

- A. FY24
- B. FY25
- C. FY26
- D. FY27

ANSWER: C

6. Which DRDO laboratory played a major role in developing the VSHORADS missile system?

- A. Defence Electronics Research Laboratory (DLRL)
- B. Research Centre Imarat (RCI)
- C. Defence Avionics Research Establishment (DARE)
- D. Armament Research & Development Establishment (ARDE)

ANSWER: B

7. Which country will host the Quad Leaders Summit meeting in 2025?

- A. Japan
- B. Australia
- C. India

D. United States

ANSWER: C

8. INS Vikramaditya Is A Modified ____ Aircraft Carrier.

A. Kiev-Class

B. Surya- Class

C. Kalashnikov-Class

D. None

ANSWER: A

9. Defence Services Staff College Is Located At

A. Wellington

B. Chennai

C. New Delhi

D. None of the above

ANSWER: A

10. Motto of DSSC Is

A. To War with Wisdom

B. Valour and Courage

C. Fight With Determination

D. None of the above

ANSWER: A

11. Cabinet Committee on Security Is Headed By

A. PM

B. NSA

C. The President

D. COAS Indian Army

ANSWER: A

12. Air Marshal Rank of IAF Is Equivalent To Which Rank Of Indian Army?

A. Brigadier

B. Lt. Gen

C. Captain

D. Major General

ANSWER: B

13. How Many States In India Have A Coastline?

- A. Seven
- B. Eight
- C. Nine
- D. Ten

ANSWER: C

14. OPEC Hq Is In

- A. Budapest, Hungary
- B. New York, USA
- C. Luanda, Angola
- D. Vienna, Austria

ANSWER: D

15. AUKUS Stands For

- A. Azerbaijan, the United Kingdom, & the United States
- B. Australia, the United Kingdom, & the United States
- C. Australia, the United Kingdom, & Uganda
- D. Argentina, the United Kingdom, & the United States

ANSWER: B

16. "2001 Space Odyssey" Book Written By

- A. C. Clarke
- B. Abhijit Chavda
- C. Hew Strachan
- D. APJ Abdul Kalam

ANSWER: A

17. DRDO Lakshya Is A

- A. Fighter Jet
- B. Ship
- C. Tank
- D. UAV

ANSWER: D

18. Captain Rank of Indian Navy Equivalent to Which rank of IAF?

- A. Flying Officer
- B. Flight Lieutenant
- C. Group Captain

D. None

ANSWER: C

19. Predator B (MQ-9 Reaper) Is A

A. Helicopter

B. Machine Gun

C. UAV

D. Fighter Jet

ANSWER: C

20. International Maritime Organisation (IMO) Hq Is At

A. London, United Kingdom

B. Vienna, Austria

C. Paris, France

D. Geneva, Switzerland

ANSWER: A

