



Tiger TRIUMPH 2025

[Source:PIB](#)

On 1st April 2025, the [Indian Navy](#) inaugurated the **4th edition of the bilateral joint Humanitarian Assistance and Disaster Relief (HADR)** amphibious exercise, [Tiger TRIUMPH 2025](#).

- The **exercise, to be conducted in two phases**, aims to strengthen U.S.-India strategic maritime cooperation and reinforce their defense partnership.
- **Harbour Phase:** Held in Visakhapatnam, this phase focuses on planning **sea-based training exercises** and includes sessions on special operations, and multi-domain operations across **air, maritime, cyber, and space**.
- **Sea Phase:** Bilateral forces will conduct **maritime, amphibious, and HADR operations** through a Joint Combined Command and Control Center.
 - The phase concludes with the establishment of a **humanitarian relief and medical response camp** (with air-portable [BHISMA](#) medical equipment), following an amphibious landing at Kakinada (Andhra Pradesh).
- [Special Operations Forces](#) from all three services, along with cyber and space specialists, will participate in the exercise and showcase the **air-portable [BHISMA medical equipment](#)**.
- **Other joint exercises** between India and the U.S. include [Yudh Abhyas](#) (military), [Cope India](#) (air) and [Vajra Prahar](#).
- **India-US Relations:**

INDIA-US PARTNERSHIP

Economic Relations



- US became India's biggest trading partner in 2022-23 followed by China and UAE
- The bilateral trade has increased by 7.65% in 2022-23 (compared to 2021-22)

Defence Cooperation



- India-US Defence Acceleration Ecosystem (INDUS-X), 2023: Start-ups and tech companies to collaborate on the co-development and co-production of advanced technologies
- Fighter Jet Deal, 2023: GE's F414 engine technology and manufacturing will be transferred for India's Tejas Mk2 jet, enhancing its indigenous capabilities
- Defence Technology and Trade Initiative (DTTI), 2012: To facilitate collaboration in defence manufacturing, research and development, and technology transfer
- New Framework for India-US Defence Relations, 2005: Updated for 10 years in 2015

India intends to procure armed MQ-9B SeaGuardian UAVs

Science & Technology



- Initiative on Critical and Emerging Technologies (iCET), 2022: Cooperation on CETs in areas including AI, quantum computing, semiconductors and wireless telecommunications
- Critical Minerals Partnership: Recently, India joined the US-led Minerals Security Partnership (MSP) to boost global critical energy and minerals supply chains
- Collaboration in Space: NASA to train ISRO astronauts, aiming for a joint International Space Station (ISS) mission in 2024
 - Artemis Accord: A US-led alliance seeking to facilitate international collaboration in planetary exploration and research; signed by India
 - NASA-ISRO Synthetic Aperture Radar (NISAR): For understanding changes in Earth's ecosystems and other environmental changes

Civil Nuclear Deal



- Civil Nuclear Cooperation: Bilateral civil nuclear cooperation agreement signed in October 2008

Energy & Climate Change



- Joint Clean Energy Research and Development Centre (JCERDC), 2010: To promote clean energy innovations by teams of scientists from India and the United States
- Clean Energy Agenda 2030 Partnership: Launched at the Leaders climate summit 2021
- Global Biofuel Alliance (India, Brazil and US), 2023: Aimed at facilitating cooperation and intensifying the use of sustainable biofuels, including in the transportation sector

Security



- Counter-Terrorism Cooperation Initiative, 2010: To expand collaboration on counter-terrorism, information sharing and capacity building

Four Foundational Agreements:

General Security of Military Information Agreement (GSOMIA), 2002: Allows militaries to share intelligence gathered by them

- ◆ Industrial Security Annex, 2019 is a part of GSOMIA

Logistics Exchange Memorandum of Agreement (LEMOA), 2016: Both countries gain access to designated military facilities for refuelling and replenishment.

Communication Compatibility and Security Agreement (COMCASA), 2018: A legal framework for the transfer of highly sensitive communication security equipment from the US to India

Basic Exchange and Cooperation Agreement for Geospatial Intelligence (BECA), 2020: Allow both countries to share geospatial and satellite data with each other

In 2015, both countries issued Delhi Declaration of Friendship and adopted a Joint Strategic Vision for Asia-Pacific and the Indian Ocean Region

Popular Visa Among Indians include H-1B, L. Indian citizens set to become largest foreign student community in the US (20% growth in 2022).



Drishti IAS

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