



Hybrid and Non-Kinetic Warfare

[Source: TH](#)

Recently, the [Parliamentary Standing Committee on Defence \(PSCoD\)](#) has emphasised on the Indian armed forces' preparedness for [hybrid warfare](#).

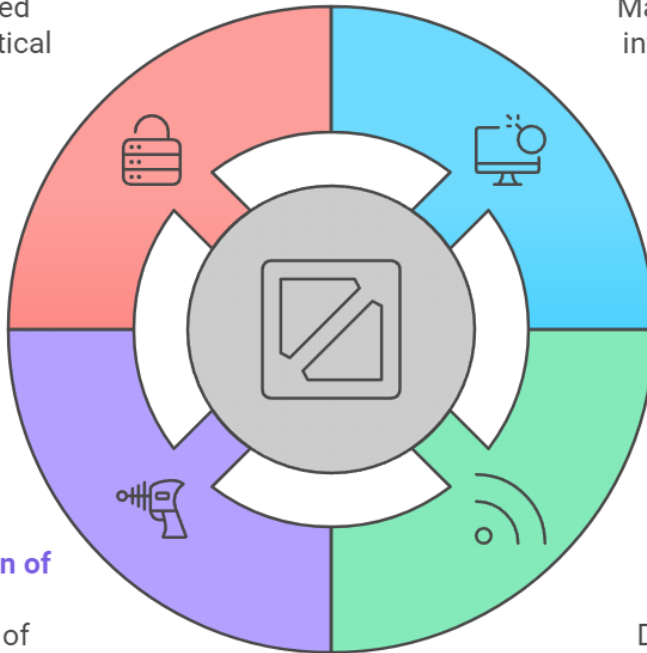
- **Hybrid warfare** refers to a combination of **conventional military tactics** (kinetic warfare) and modern strategies such as [cyber warfare](#), **information manipulation**, **economic disruption**, and **psychological operations** (non-kinetic warfare).
 - Non-kinetic methods could be **deadlier** than traditional warfare e.g., [pager blasts in Lebanon](#).
 - **Non-kinetic warfare** includes using **jamming**, **lasers**, or **electromagnetic waves** to disrupt drone operations instead of physically shooting down drones (Kinetic warfare).
- The tri-services **“future warfare”** course is designed to train officers from **Major Generals to Majors (and their equivalents)** in modern warfare techniques, both kinetic and non-kinetic.
 - It was recently conducted by the **Headquarters Integrated Defence Staff**.
- The Indian Army is observing **2024** as the [Year of Technology Absorption](#), focusing on integrating disruptive technologies like [AI](#), [hypersonic weapons](#), [biotechnology](#), and [quantum technology](#) into existing legacy systems.
- PSCoD is a [Departmentally-Related Standing Committees \(DRSCs\)](#) and functions under [Lok Sabha](#).
 - The committee has **31 members—21 from Lok Sabha and 10 from Rajya Sabha**. Lok Sabha members are nominated by the [Speaker](#), and Rajya Sabha members by the **Chairman**.

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Emerging Warfare Strategies

Cyber Warfare

Internet-based attacks on critical systems



Information Warfare

Management of information for strategic advantage

Weaponisation of Space

Deployment of space-based destructive devices

Electronic Warfare

Disruption of enemy defenses using electromagnetic means

Read More: [Technological Penetration in Indian Army](#)

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