



International Seminar on
Armoured Fighting Vehicles
Enabling Technologies 2027

March 2, 2017

FICCI, Federation House, Tansen Marg, New Delhi





International Seminar on **Armoured Fighting Vehicles** *Enabling Technologies 2027*

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FICCI with active participation from the Directorate General of Mechanised Forces, Indian Army, is organising an International Seminar on Armoured Fighting Vehicles: Enabling Technologies 2027, on March 2, 2017 at FICCI, Federation House, New Delhi.

The current modernisation programme of the Indian Army has a major component for the Mechanised Forces. The Indian Army is actively looking for development of indigenous vendor base in India for Armoured Fighting Vehicles, Infantry Combat Vehicles & Armoured Recovery Vehicles in the field of Automotive, ATGMs, Armament, Ammunition, Electronics, Radars, OPTO Electronic Imagers, Engines, Communications Equipment, Metallurgy, Active Protection Systems, MRO, Power Transmission Systems, Suspensions, Sighting & Fire Control Systems etc. New development programmes under

MAKE such as Future Infantry Combat Vehicle (FICV), future acquisitions like Futuristic Armour and Combat Vehicles (FRCV) provide a wide range of opportunities to Indian and Foreign OEMs to participate in the acquisition programme of the Army.

The theme of the seminar is to understand the future capabilities, orientation and current technological requirements of the Mechanised Forces, aligned with modernisation & upgradation programmes of the Indian Army. The seminar will discuss avenues for private sector participation in the design, development and production of systems and sub-systems for the armed forces. The Seminar will provide an ideal platform for User-Industry-DRDO interactions and will bring key R&D agencies from India and abroad to showcase their expertise and resources. It will provide a stage to discuss the current and future challenges in enabling technologies for the Armoured Fighting Vehicles.





Key Highlights

Session I : 3rd / 4th Generation Anti-Tank Guided Missiles

- Session Chair and Indian Army's Perspective on ATGM Requirements 2027
- 5th Generation ATGMs
- Combat Proven ATGM Capabilities
- R&D Institution's Perspective
- Capabilities and Capacities of Anti-Tank Guided Missiles
- State of the Art Honeywell IMUs and Hybrid Navigation for Precision Guidance of ATGM

Session II : Agility & Mobility

- Session Chair and Indian Army's Perspective on Agility & Mobility 2027
- Technological Expertise: Design, Development, Capability & Collaboration
- Agility and Mobility: Synergies between DRDO and the Indian Industry

- Future Trends in Automatic Transmission / APUs / Gas Turbine / HVAC Technology
- Present Capability of Indian Industry & Road for Self Reliance

Session III: Night Fighting Capabilities - Enabling Technologies

- Session Chair and Army Perspective on Night Fighting Requirements of Mechanised Forces 2027
- TI Sight in LWR Spectrum
- Industry Presentation (Electro Optics and Laser Technology)
- Capabilities of Indian Defence PSUs
- R & D Perspective

Session IV: Enabling Capabilities for Enhancing Protection & Survivability

- Active Self Protection System MUSS for German FICV (PUMA): Evolution of Operational Concept & Technical Solutions
- Industry Presentation on Advance Armour Technologies
- Signature Reduction Management

Key Stakeholders

- Ministry of Defence
- Directorate General of Mechanised Forces
- DRDO
- OFB
- Defence PSUs
- Indian & Foreign OEMs
- Defence Attaches





Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies.

A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry. From influencing policy to encouraging debate, engaging with policy makers and civil society, FICCI articulates the views and concerns of industry. It serves its members from the Indian private and public corporate sectors and multinational companies, drawing its strength from diverse regional chambers of commerce and industry across states, reaching out to over 2,50,000 companies.

FICCI provides a platform for networking and consensus building within and across sectors and is the first port of call for Indian industry, policy makers and the international business community.

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