



Empowering the **SOLDIER**

Seminar & Exhibition

Manekshaw Centre, New Delhi 24 April 2024

2024 - Year of Technology Absorption

IMR
INDIAN MILITARY REVIEW



- **SMALL ARMS & ACCESSORIES.** Small Arms, Machine Guns, Grenade Launchers, Sniper Rifles, Anti-Tank
- **COMBAT KIT.** CBRN Suits, Web Equipment, Load Carrying Systems, Sustained Survival Systems
- **INDIVIDUAL PROTECTION SYSTEMS.** Ballistic Helmets, Bullet Proof Jackets, Anti-Mine Shoes, Mine Protected Vehicles, EOD & IEDD Systems, Multi-Spectral Camouflage Systems.
- **ELECTRO-OPTICS SYSTEMS.** Day & Night Vision Devices, Thermal Sights for Weapons, Observation & Surveillance Devices, Surveillance Radars, Navigation Equipment, Integrated Head Gear Subsystem Display.
- **MOBILITY.** All Terrain Vehicle, Mine Protected Vehicle, Lightly Armoured Vehicles, Exoskeletons, Jet-suits.
- **COMMUNICATIONS.** Personal Net Digital Radio, Team Radio, Ground-to-Air Transmission, Integrated Headgear With Comm Devices, PDA (Personal Data Assistant), Individual Soldier's Computer Communication.

Contact: indronil@imrmedia.in



2024 - Year of Technology Absorption

EMPOWERING THE SOLDIER



Eminent Speakers



Gen Manoj Pande
Chief of the Army Staff



Lt Gen Tarun Kumar Aich,
DCOAS (Strategy)



Lt Gen (Dr) Rajesh Pant,
former Nat'l Cyber
Sec Coordinator



Lt Gen Vineet Gaur
DG Capability Devp



Lt Gen PR Shankar
former DG Artillery



Lt Gen Dushyant Singh
Director General CLAWS



Lt Gen Subrata Saha
Member NSAB



Maj Gen Ajay Sharma
Dy Commandant MCEME



Prof Mayank Vatsa
Prof IIT-Jodhpur



Dr Manjari Singh,
Associate Fellow CLAWS

The Indian Army is observing 2024 as the Year of Technology Absorption. The Chief of Army Staff, Gen Manoj Pande made an announcement to that effect on the occasion of Army Day 2024. This is a sequel to the Year of Technology Transformation announced in 2023. As a part of this initiative, the Centre for Land Warfare Studies is organizing a series of four Seminars to focus on the impact of Technology on the Soldier, Combat Vehicles, Firepower and Combat Engineering and its ramifications on warfighting techniques.

As far as soldiers go, latest technologies must be harnessed to enable the army to deploy a fully-networked, all-terrain and all-weather infantry with enhanced firepower and mobility for the future digitised battlefield. The focus is on the need to provide the soldier with greater lethality, movement, survivability, sustainability, communications and situational awareness.

Operational Scenarios

Emerging technologies are changing battlefield tasks. Automated aids to decision making may allow choices to be made more rapidly, thereby reducing cognitive workload and enhancing command and control.

Unmanned systems along with human-machine teams (including human-computer interfaces) and robotic technologies could have far reaching impact on the performance requirements of front-line combat.

At the Tactical level, future warfare is likely to become further characterised by human-machine teams. Smaller mounted teams using remote weapon systems, may make current robust physical attributes of the infantry soldier less critical in favour of the more cognitive.

Components

In terms of equipping a force, as part of organization, the soldiers must have the four types of technologically competent components mentioned below.

- Lethality.** Superior lethal effects with weapons in all situations and ranges.
- Protection.** This includes a range of personal protection equipment items, including ballistic helmets, improved body armour, updated riot control and less-than-lethal equipment.
- Situational Awareness.** The ability to see what is going on and share it with colleagues.
- Mobility & Resilience.** What the soldier wears and carries enabling him to survive, fight, and complete mission specific tasks in the various environments in which he may operate.
- Support.** Improved personal support items (such as first aid kits), individual illumination (both visible and Infra Red), and calorific sustenance.

Key Themes

The seminar will focus on:

- Personal and supporting weapons.
- Protection and Survivability.
- Reducing the Load to Maximise Soldier Mobility.
- Communications, Data Handling and Power supplies.
- Night Fighting Capabilities.
- Equipping for special operations.



2024 - Year of Technology Absorption EMPOWERING THE SOLDIER PROGRAMME



Wednesday, 24 April 2024

0830 - 0930 hrs Registration and Welcome Tea

SESSION 1 - INAUGURAL SESSION (0930 - 1020 hrs)

0930 - 0940 hrs Welcome Address. **Lt Gen Dushyant Singh**, PVSM, AVSM, Retd, Director General Centre for Land Warfare Studies

0940 - 1000 hrs Inaugural Address. **Gen Manoj Pande**, PVSM, AVSM, VSM, ADC, Chief of the Army Staff

1000 - 1010 hrs Launch of Chair of Excellence by **Chief of the Army Staff**

Book Launch "**India and the Gulf: A Security Perspective**" by Dr. Manjari Singh

1010 - 1030 hrs Keynote Address. **Dr Chintan Vaishnav**, Mission Director, Atal Innovation Mission (AIM)

1030 - 1100 hrs Group Photo, Refreshments and Exhibition

SESSION 2 - CONTEMPORARY TECHNOLOGY AND INDUSTRY CAPABILITIES (1100 - 1330 hrs)

Chair and Moderator: **Lt Gen Vineet Gaur**, AVSM, Director General Capability Development

1100 - 1115 hrs Introduction of panelists and Chairman's Opening Remarks.

1115 - 1130 hrs Emerging Technologies for Modern Warfare. **Prof Mayank Vatsa**, IIT Jodhpur

1130 - 1145 hrs Industry presentation - Power/ energy solutions. **Speaker from Godi India**.

1145 - 1200 hrs Industry presentation - Communications solutions. **Speaker from Shyam VNL**.

1200 - 1215 hrs Industry presentation - Ballistic Protection and Electro-optics. **Speaker from MKU Ltd**

1215 - 1230 hrs Industry presentation - Power/ energy requirements. **Speaker from FC TecNrgy Pvt Ltd**

1235 - 1245 hrs Industry presentation - Defence production. **Speaker from Uni Deritend Ltd**

1245 - 1300 hrs Q&A/ Discussion

1300 - 1400 hrs Lunch

SESSION 3 - EMPOWERING SOLDIERS: AMPLIFYING IMPACT THROUGH MODERN TECHNOLOGIES (1400 - 1500 hrs)

Chair and Moderator: **Lt Gen (Dr) Subrata Saha**, PVSM, UYSM, YSM, VSM** (Retd), Member NSAB

1400 - 1415 hrs Introduction of panelists and Chairman's Opening Remarks.

1415 - 1430 hrs Advancements in Military Communication Systems. **Maj Gen Sunil Mehrotra**, ADG Signals Dte

1430 - 1445 hrs Decision Support for the Army. **Sh SB Taneja**, Sc H, Director ISSA, DRDO

1445 - 1500 hrs Q&A/ Discussion

SESSION 4 - MAXIMISING TECH EFFECTIVENESS & SOLDIER PREPAREDNESS (1500 - 1710 hrs)

Chair and Moderator: **Lt Gen PR Shankar**, PVSM, AVSM, VSM (Retd), former Director General Artillery

1500 - 1515 hrs Introduction of panelists and Chairman's Opening Remarks.

1515 - 1530 hrs Making the Soldier Cyber Resilient. **Lt Gen (Dr) Rajesh Pant**, PVSM AVSM VSM (Retd). former National Cyber Security Coordinator.

1530 - 1545 hrs Operating in a Drone Dominated Environment. **Dr R Shivaraman**, Entrepreneur (Big Bang Boom Solutions)

1545 - 1600 hrs Human Augmentation and Soldier Performance. **Dr K Mohanavelu**, Scientist DRDO

1600 - 1615 hrs Training & Simulation Technologies. **Maj Gen Ajay Sharma**, Dy Commandant, MCEME

1615 - 1630 hrs Q&A/ Discussion

1630 - 1645 hrs Closing Remarks. **Lt Gen Tarun Kumar Aich**, PVSM, AVSM, Deputy Chief of Army Staff (Strategy).

1700 - 1710 hrs Vote of Thanks. **Lt Gen Dushyant Singh**, PVSM, AVSM, Retd, Director General CLAWS

1710 hrs Refreshments and close.

Rate Card

GOLD SPONSOR

WITH EXCLUSIVE BENEFITS

Rs 2,82,200

1. One speaking slot in Seminar
2. 4x3m furnished octonorm booth with Fascia, logo, 3 tables, 4 chairs, carpet, 4 lights, 1 power socket, dustbin.
3. Twelve Delegate Passes
4. Full Page Advt in Event Guide
5. Full Page Company Profile in Event Guide
6. Two company literature items/gift in Delegate Bags
7. Delegate List with contact details after the event.
8. Video of speakers' presentations after the event
9. Sponsor Logo on event promotion
10. Logo on all marketing materials
11. Banner on Event website
12. Company Logo at Venue, Lobby and on Stage as Gold Sponsor
- 13 One 3x6 ft Standee at Refreshment Venue.
14. One LCD 42-inch display at venue to play videos.

Bonus

1. Your presentation replayed during Virtual re-broadcast day
2. Branding worth Rs 45,000

SILVER SPONSOR

FOR BETTER IMPACT

Rs 1,41,600

1. 3x3m furnished octonorm booth with fascia, logo, 2 tables, 4 chairs, carpet, 3 lights, power box, dustbin at booth.
2. Three Delegate Passes and three Exhibition staff Passes
3. Full Page Advt in Event Guide
4. Company Profile (500 words with contact details) in Event Guide
5. Two company literature items/gift in Delegate Bags
6. Delegate List with contact details after the event.
7. Video of speakers' presentations after the event
8. Sponsor Logo on event promotion
9. Logo on all marketing materials
10. Banner on Event website
11. Company Logo at Venue, Lobby and on Stage as Sponsor

Optional

15 mins talk during Virtual re-broadcast day for Rs 20,000

Bonus

Branding worth Rs 35,000

ECO EXHIBITION BOOTH

LOW COST FEATURE RICH

Rs 88,500

1. One furnished exhibition booth 2X2M with Fascia, logo, 1 table, 2 chairs, carpet, 2 lights, power box, dustbin
2. Company profile 200 words with Logo, contact details in event guide.
3. Half page advt in show guide
4. Two delegate passes
5. Contact data of delegates and video links after the event.

DELEGATE PASS

VALID FOR ALL SESSIONS & EXHIBITION

Rs 3,540

Delegate Pass Price includes:

1. Attend all Sessions
2. Event guide and Knowledge Paper with Delegate Folder.
3. Visit exhibition booths.
4. Refreshments, High-Tea and Lunch.

SCHOLAR'S PASS

FOR FACULTY & STUDENTS. VALID FOR ALL SESSIONS & EXHIBITION

Rs 2,360

Delegate Pass Price includes:

1. Attend all Sessions
2. Event guide and Knowledge Paper with Delegate Folder.
3. Visit exhibition booths.
4. Refreshments, High-Tea and Lunch.

ADDITIONAL BRANDING OPPORTUNITIES

- Delegate Lanyards **Rs 88,500** (non-exclusive) with Company Logo both sides
- Registration **Rs 88,500** Sponsor with Company Logos at all counters
- Refreshment **Rs 47,200** Sponsorship with Banner
- Standee banner **Rs 10,000** (3x6ft) at Entrance, each
- Banner (8x10ft) **Rs 25,000** at Entrance, each

IMR Media Pvt Ltd

8A Ashok Marg, Silokhra, Gurgaon 122001, India | Visit www.showcase.imrmedia.in
Contact: | Indronil Banerjee Mob: +91-9818984664 | Email: indronil@imrmedia.in