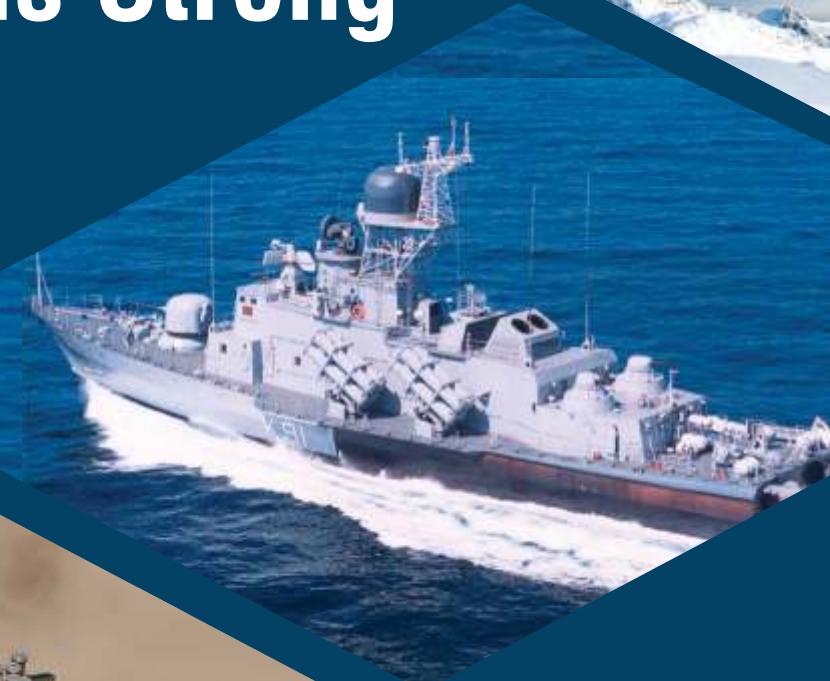




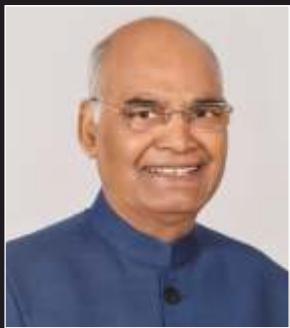
MINISTRY OF DEFENCE
GOVERNMENT OF INDIA

INDIA Stands Strong



Major Achievements of the
Ministry of Defence
in Narendra Modi Government

— May 2018 —



Shri Ram Nath Kovind

Hon'ble President of India &
Supreme Commander of the Indian Armed Forces

Shri Narendra Modi

Hon'ble Prime Minister of India

Nirmala Sitharaman

Raksha Mantri

Dr. Subhash Bhamre

Raksha Rajya Mantri



MINISTRY OF DEFENCE
GOVERNMENT OF INDIA

सत्यमेव जयते

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Defence Reforms

Planning and Administration



- Prominent recommendations of Shekatkar Committee accepted, restructuring and right sizing of the Armed Forces under progress.
- New Institutional Mechanism for Defence Planning in the form of Defence Planning Committee headed by National Security Adviser constituted.
- Jointness operationalized in A&N Command through grant of comprehensive inter-Service disciplinary powers.
- Liberal delegation and decentralisation of financial powers for procurement.

Defence Reforms

Facilitation to MSMEs



- **Special Focus and relaxation provided to MSMEs in the DPP-2016**
- **Trade receivables Electronic Discount System implemented in Defence PSUs to help MSMEs convert trade receivables into liquid funds at a short notice.**
- **Small projects involving prototypes of Rs. 3 crores or lower, reserved for MSMEs under Make-II Procedure.**
- **50% of the space at DefExpo 2018 reserved for MSMEs at 50% discounted cost to showcase their potential.**

Defence Reforms

Defence Manufacturing Sector



- Defence Investor Cell set-up in Jan'2018, nearly **100 investors** facilitated in **100 days**.
- Validity of Industrial Licence extended to **15 years** with a provision of further **3 years** extension.
- De-licensing of **65-70%** of items including parts, components etc., for manufacturing by industry.

Defence Reforms

Defence Manufacturing Sector



Green Channel Policy, 2017 allows:

- Deemed registration status.
- Waiver of pre-dispatch inspection.
- Acceptance of stores under supplier's warranty/guarantee.
- Renewal of registration on self-certification basis.

Defence Reforms

DPSUs and OFB



- ▶ Vendors registered with one DPSU deemed to be registered with all DPSUs for specified products.
- ▶ OFB and DPSU to pay through Letter of Credit to Indian vendors in global tenders.
- ▶ Government test facilities opened to private sector.

Defence Reforms

Defence Procurement Procedure- 2016

DPP 2016 to boost
'Make in India' initiative
through Buy Indian-IDDM.

**Scope of Fast Track
Procurement Procedure**
expanded and made user friendly.



Defence Reforms

iDEX Scheme for Start-ups



- **Innovations for Defence Excellence (iDEX) launched in collaboration with Start Up India and Atal Innovation Mission.**
- **Start-ups to innovate new technologies to meet requirement of the defence forces and reduce dependence on imports.**
- **Innovators can moot ideas without an obligation to manufacture.**

Defence Reforms

Make II Procedures



- Opportunity for industry to propose products/services to the three Services.
- Reduce time of procurement by nearly one-third.
- No retraction of Request For Proposal once floated-Certainty of Procurement.

Defence Reforms

New Export Procedure



- ▶ Requirement of End User Certificate by Foreign Governments for export of parts/ components removed.
- ▶ Simplified procedure for tender, exhibitions, testing, etc.
- ▶ SOP issued to facilitate export of permissible munition items.

Defence Acquisition



No. of Contracts Signed **204**

Value: Rs. **2,47,987** Crores

No. of AONs* **214**

Value: Rs. **4,43,705** Crores

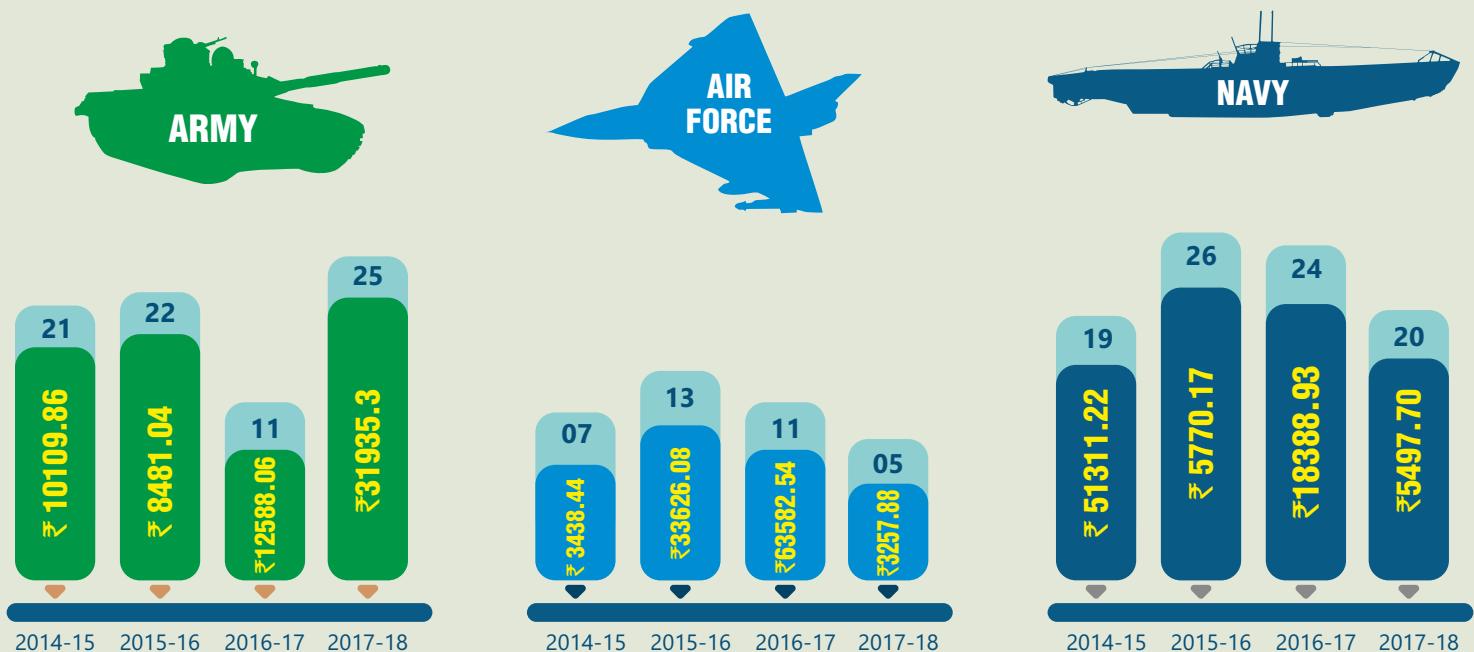
(*AON-Acceptance of Necessity)

- New Policy provides an opportunity for industry to propose products/services suo moto to the three Services without the need for AON.
- Protection for Foreign Exchange Rate Variation extended to the private sector on full import content.

Defence Acquisition

Total contracts signed during last 4 years

A: Total contracts: Indian + Foreign vendors



Total
Contracts:



204

Total
Value:



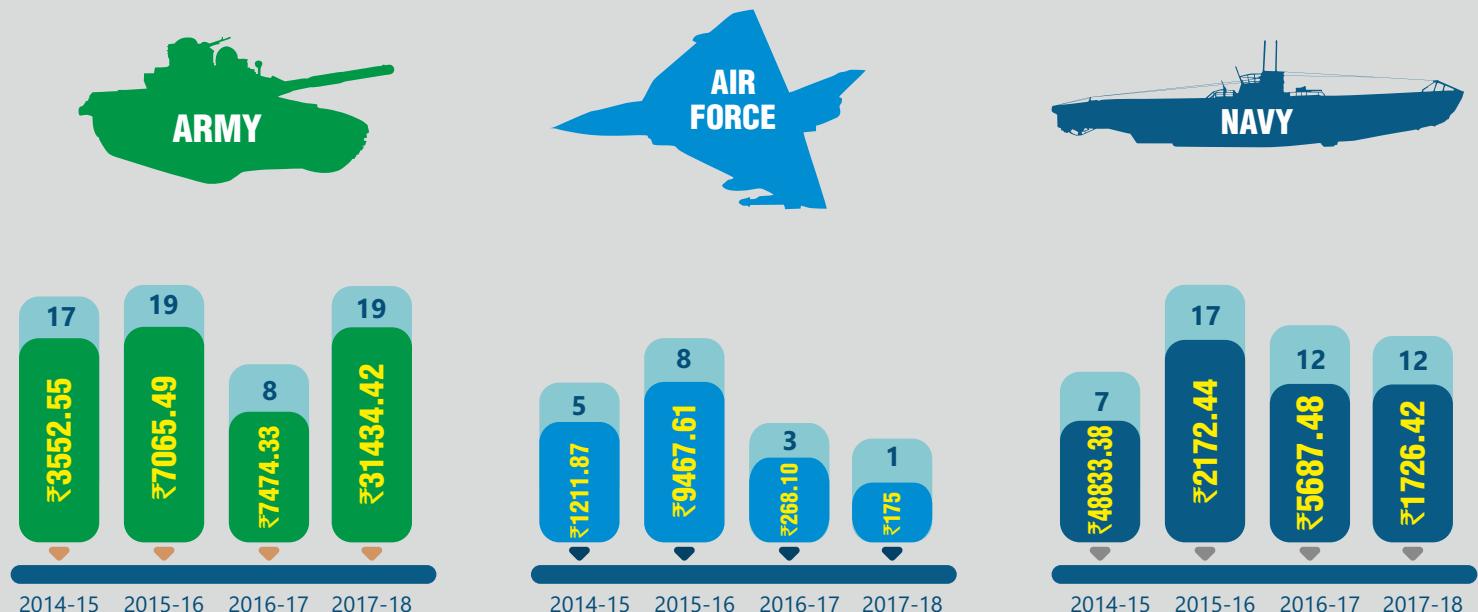
247987.31 Crore

No. of Contracts

Defence Acquisition

Total contracts signed during last 4 years

B: Contracts signed with Indian vendors (No. of contracts and value)



Total
Contracts: 128

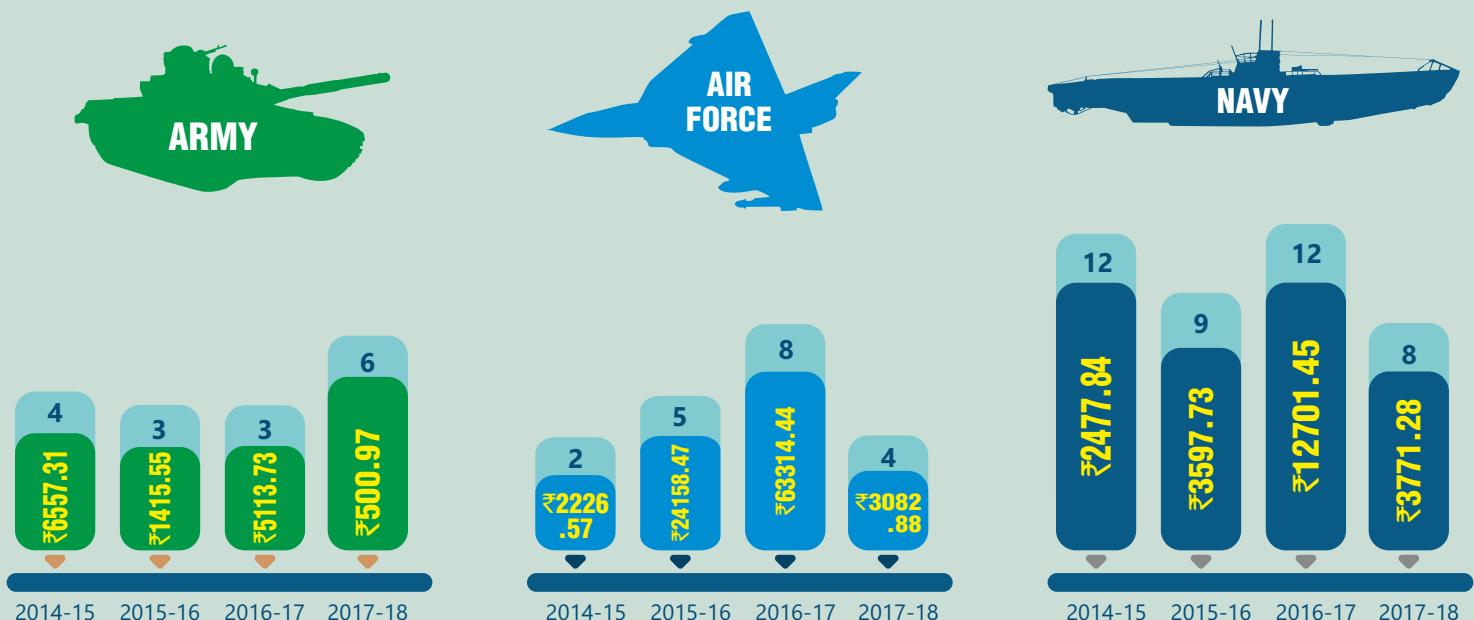
Total
Value: 119069.09 Crore

No. of Contracts

Defence Acquisition

Total contracts signed during last 4 years

C: Contracts signed with Foreign vendors (No. of contracts and value)



Total Contracts:  **76**

Total Value:  **128918.22 Crore**

 No. of Contracts

Select Defence Acquisitions (Imported)



Rockets for Smerch Multiple Rocket Launchers

Chinook Heavy Lift Helicopter

Ultra Light Howitzer Artillery Guns

Apache Attack Helicopters

Poseidon (8) India Long Range Maritime Patrol Aircraft

Rafale Multirole Fighter Jets



Select Defence Acquisitions (Indian)



- Project 17 A Frigate
- Weapon Locating Radar (Swathi)
- 4th Brahmos Regiment
- Advance Light Helicopter for Army
- Pinaka Multi Barrel Rocket Launcher System
- Tracked Self Propelled Artillery Guns

Revenue Procurement -Ammunition



Unprecedented steps taken to build up sufficient stocks of Ammunition:

- ▶ **Full powers for Ammunition procurement delegated to the Service Head Quarters.**
- ▶ **100 Contracts worth Rs.25,000 crores finalised - deliveries commenced.**
- ▶ **Further procurements worth Rs.25,000 crores in pipeline.**
- ▶ **Substantial improvement in the stocking position.**

Select Revenue Procurements

- A contract for procurement of 1,86,138 Bullet Proof Jackets with contemporary specifications awarded to an Indian manufacturer under the 'Buy Indian' category.

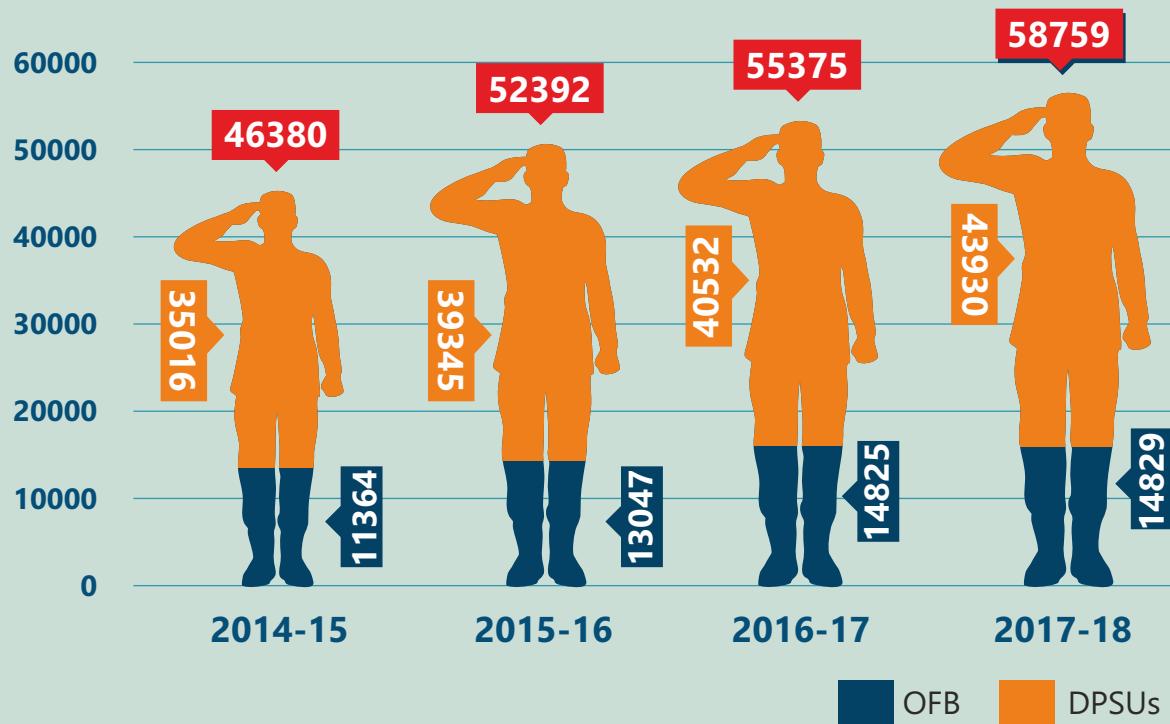
- All Terrain Vehicles for snow bound areas.

- Bullet Proof Vehicles.



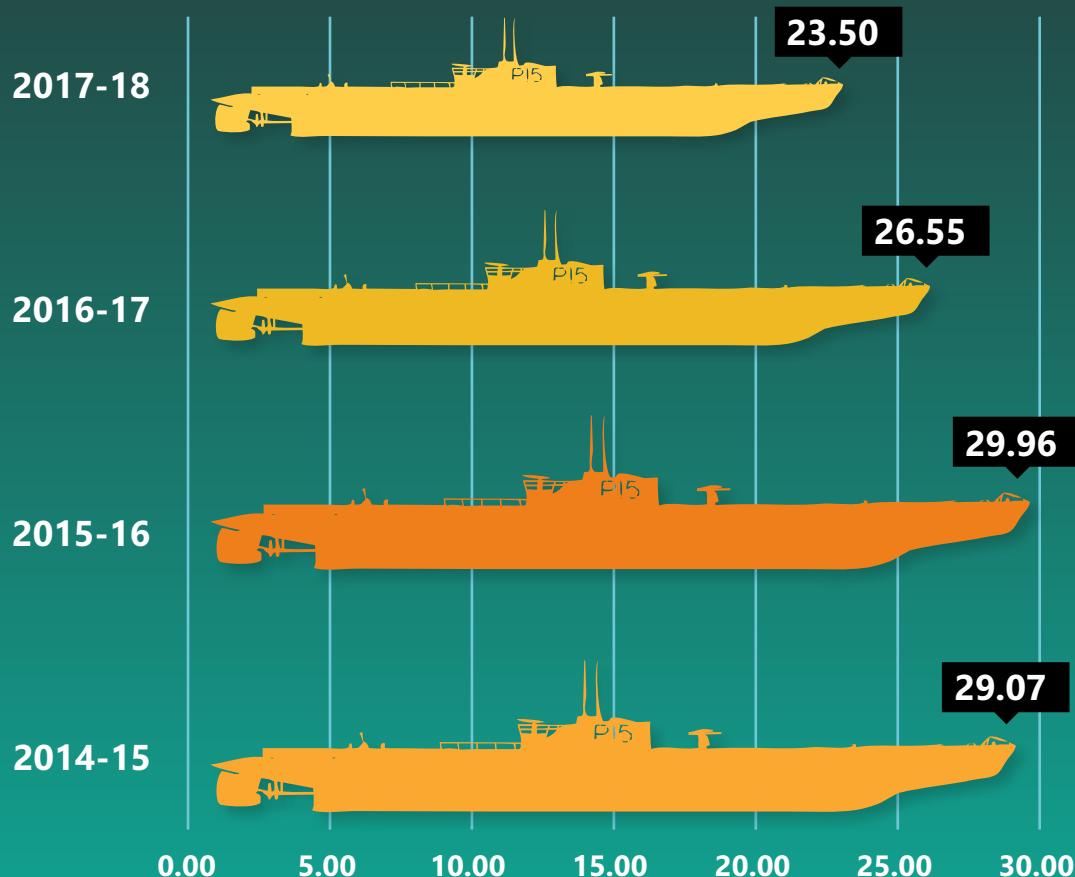
Defence Production

Value of Production of OFB & DPSUs (Rs. in crore)



Defence Production

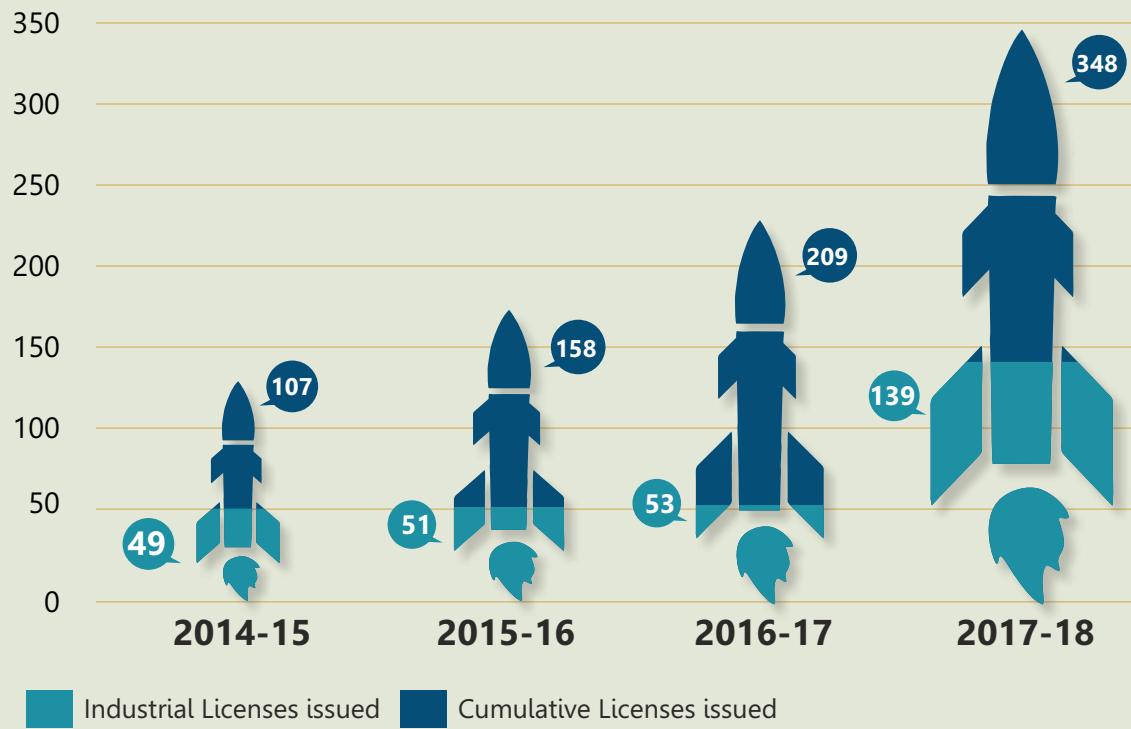
Direct Import as a percentage of value of production



All Naval ships and submarines on order are being constructed in India

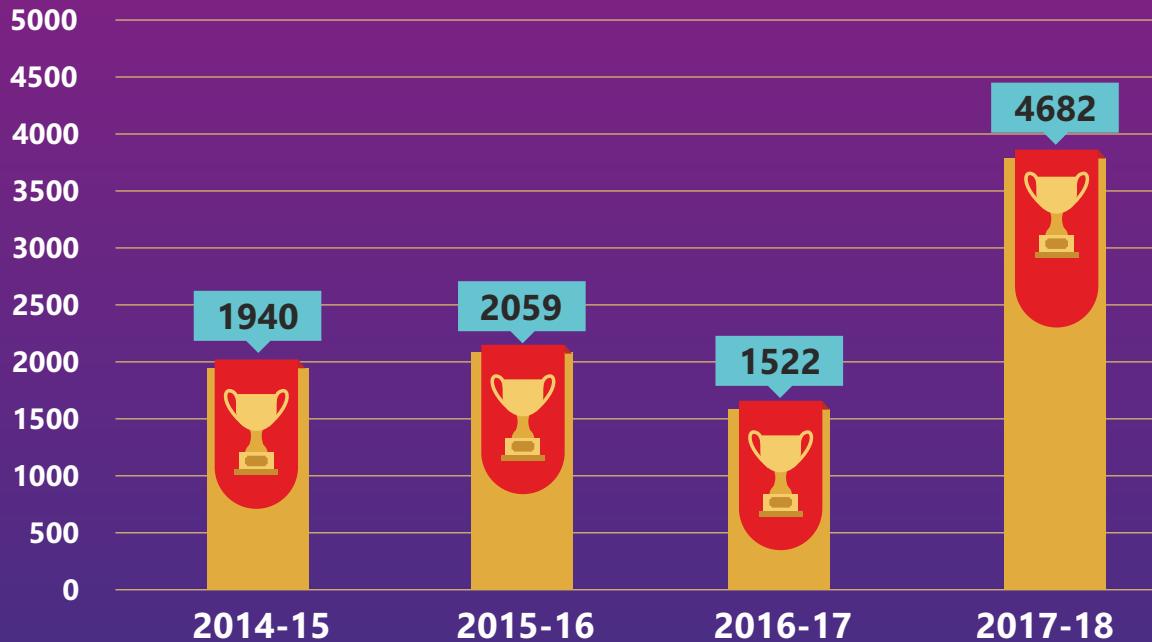
Defence Production

Growth of Private Defence Industry Industry (No. of Industrial Licenses Issued)



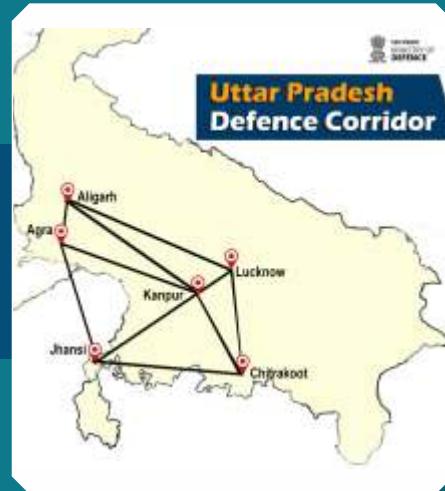
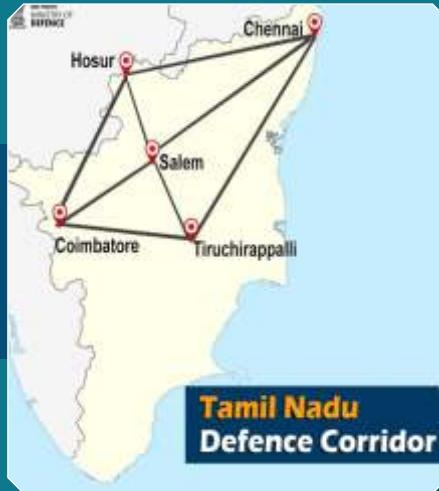
Defence Production

Export performance (Rs. in Crore)



Defence Production

Defence Industrial Corridors



- Defence Manufacturing is one of the 25 key sectors identified under 'Make in India' initiative.
- Tamil Nadu and Uttar Pradesh identified as Defence Industrial Corridors.
- Boost to defence manufacturing, investments and employment opportunities anticipated.
- Dedicated facilities to broaden and deepen existing skill sets among medium, small and tiny production centers in the area contemplated.



Def.Expo '18 showcased India as the emerging hub of defence manufacturing.

- **Highest ever participation by Indian Defence and Aerospace industry - 542 exhibitors in 2.90 lakh sq ft., area.**
- **Salient MoUs signed & ToTs happened (total 40) – with DPSUs (16), India-Russia B2B MoUs (7), B2B MoUs (7) & ToTs (10).**
- **Nearly 3.5 lakh people visited DefExpo'18 and allied shows.**

Recent Achievements by Private Enterprises in the Defence Industry



- L&T - 155 mm/52- calibre self-propelled howitzer gun – ‘Vajra’
- L&T - delivered first indigenously designed and manufactured high speed interceptor boat with twin water-jet propulsion system.
- M/s Kalyani Group, TATA Power and OFB - DRDO with the help of private agencies developed Advanced Towed Artillery Gun System 155 mm/ 52 – calibre
- M/s TATA Motors - Wheeled Armoured Personnel Carrier.
- M/s Idea Forge, has developed a High Altitude UAV – NETRA PRO.

DRDO

34 DRDO developed high value products approved for induction into Armed Forces.

19 successful trials, partnering with over 250 industries.

Generation of 268 IPR portfolios including 214 patents in India and abroad.

139 products identified having export potential.

DRDO DEVELOPED PRODUCTS

The production value of DRDO developed products, cleared by DAC has grown by 60% in the last three years

₹ 2,65,261.60 CR

60%

MAY 2014

₹ 1,60,902.54 CR

MAY 2017

DRDO

Airborne Early Warning & Control System (AEW&C)

- ▶ Indigenous 'Eye in the Sky' airborne surveillance system inducted into Indian Air Force in 2017.
- ▶ State-of-art Active Electronically Scanned Array for Primary Radar.
- ▶ Air-to-Air refuelling capability.



DRDO: Make in India

Advanced Towed Artillery Gun System (ATAGS)

- ▶ Indigenous artillery gun system with technology from DRDO and participation of the private sector.
- ▶ Firing range of 45 km and capable of firing with existing 155 mm ammunition, is being inducted into the army.



DRDO: Make in India

Induction of Light Combat Aircraft (LCA) TEJAS

- ▶ India's indigenous multi-role fighter aircraft designed and developed to meet the requirements of the IAF.
- ▶ Supersonic, light weight, all-weather, multi-role fighter aircraft designed for multiple combat roles with advance technology.
- ▶ Inducted into the IAF in 2016.



Major DRDO Assets Inducted into the Armed Forces

'INS Astradharini'

Torpedo launch and recovery vessel to be used for technical trials of underwater weapons and systems.

'Maareech'

A surface ship torpedo defence system capable of panoramic detection and automatic alert of an incoming torpedo.

'Varunastra'

A ship launched anti-submarine torpedo inducted into service.

'Akash'

Weapon system has been dedicated to Indian Army Indian Air Force.



DRDO Major successful trials

Agni 5

India's first Intercontinental Ballistic Missile (ICBM) Agni 5 completed its fifth successful test and the third consecutive one from which can be deployed from multiple canister.

Nirbhay

India's first indigenously designed and developed long range Sub-Sonic Cruise Missile which can be deployed from multiple platforms was successfully tested

BrahMos

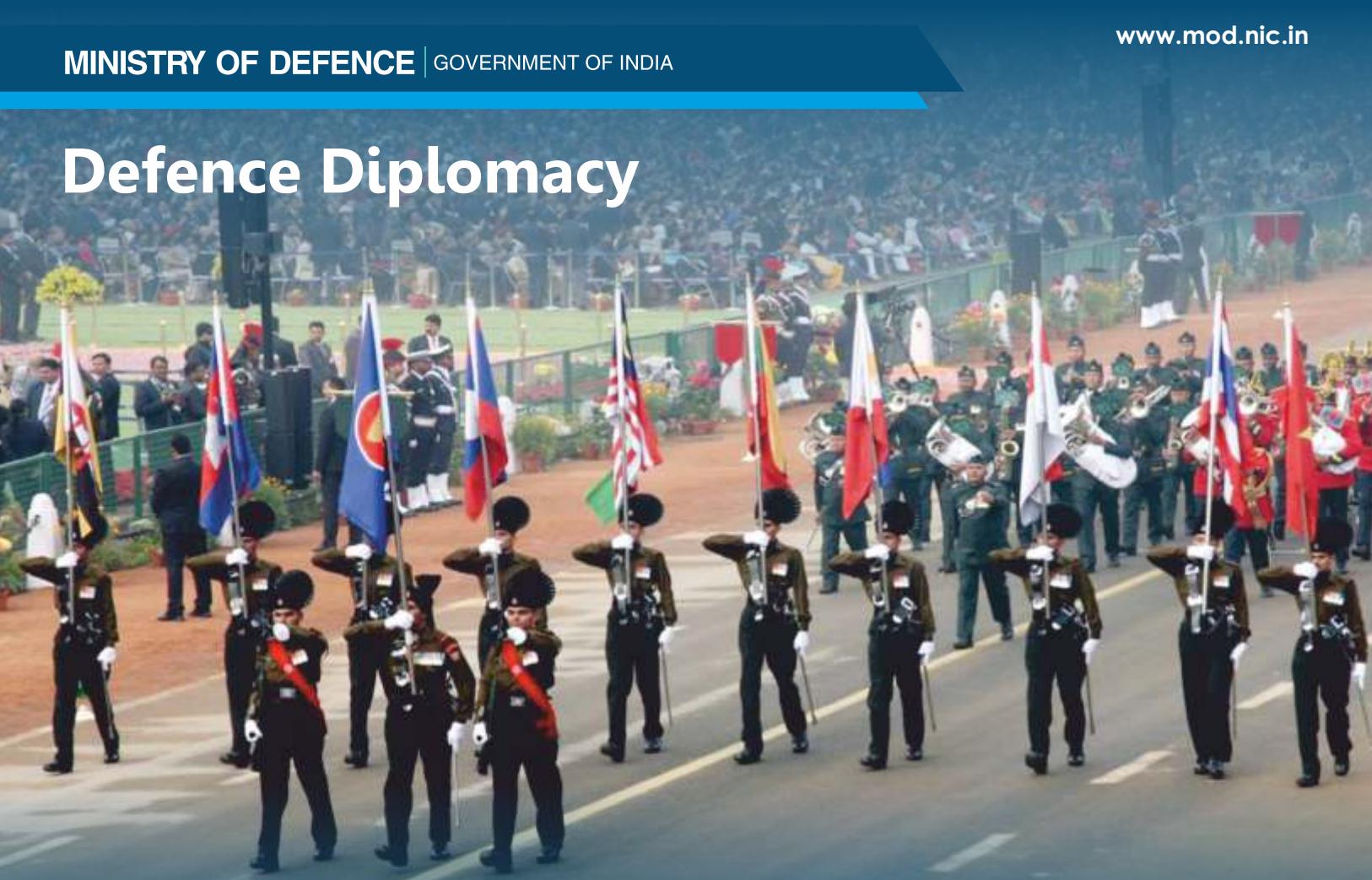
BraMos is a two stage Supersonic Cruise Missile having a range of 290 kms was successfully test fired from a Su-30 MKI aircraft for the first time.

BMD

The BMD System was once again successfully launched, scoring a direct hit which puts India into a league of very few select nations world over in the arena of critical defence technology.



Defence Diplomacy



- ▶ Stronger defence ties with ASEAN countries through bilateral engagement and regional mechanisms.
- ▶ An unprecedented outreach to the neighbours by offering line of credit for defence equipment – Afghanistan, Bangladesh, Myanmar, Vietnam, Sri Lanka & Nepal.

Defence Diplomacy



Enhanced defence ties with USA through joint exercises, training, defence industry, high technology equipment and R&D cooperation.

Defence Diplomacy



- Maintained high trajectory of bilateral defence co-operation with Russia.
- First ever tri-Services joint exercise Indira held in Vladivostok.
- Bilateral military industrial conferences to boost industrial engagement and finalisation of key capability acquisitions held.

Defence Diplomacy



Expanded engagements with Central Asia through Shanghai Cooperation Organisation framework.

Defence Diplomacy

- ▶ Fresh impetus to defence cooperation with West Asia, especially with UAE, Saudi Arabia, Jordan and Egypt.
- ▶ Military cooperation agreed with Oman, concerning the use of facilities in Special Economic Zone at Duqm.
- ▶ Deeper ties with France, UK and other European partners as well as with Israel on a cross-section of defence engagements.



Defence Diplomacy



- ▶ For Maritime Security in the Indo-Pacific Region, finalised arrangements for long term logistics support with USA and France.
- ▶ Maritime tie-ups done with Singapore, Oman and other partners.

Indian Coast Guard



- 64 indigenously built ships inducted since May 2014.
- Rs. 4,130 crores of contraband seized.
- Phase-II of Chain of Static Sensors approved to provide near gapless electronic surveillance of the coastline.



Swachh Bharat Abhiyan



- ▶ **60 Cantonment Boards** declared Open Defecation Free.
- ▶ **11,53,750 NCC Cadets** participated in the Swachhta Hi Sewa Abhiyan in 2017.
- ▶ **Rs. 48.73 crores** spent under CSR by DPSUs and OFB for the Swachhta Action Plan.

Green Initiatives



- ▶ **9 Ecological Task Force Battalions of the Territorial Army planted 652.77 Lakh saplings in nearly 72,618 hectares of degraded areas.**
- ▶ **Green Building Norms for meeting GRIHA 3 Star rating approved for all accommodation projects.**
- ▶ **150 MW Solar Photovoltaic project approved for 122 Defence Stations.**
- ▶ **39.5 MW Solar Power Units installed in Ordnance Factories; +30MW to be achieved by July 2018.**
- ▶ **40,000+ trees planted by Coast Guard in coastal states to neutralise operational emissions.**

Humanitarian Assistance and Disaster Relief



► **Operation Megh Rahat**

During Floods in J&K

► **Operation Lehar**

During HUDHUD cyclone in
Andhra Pradesh

► **Operation Maitri**

During earthquake in Nepal

► **Operation Phutkal**

During landslide in river
Phutkal

► **Operation Madad**

During Chennai Floods

► **Operation Sahayam**

During Cyclone Ockhi

Humanitarian Assistance and Disaster Relief



- ▶ Relief efforts during Kollam fire, forest fire in Uttarkhand and Theni, Tamil Nadu
- ▶ Relief efforts during the Sri Lankan Floods
- ▶ Supplied over 2400 tonnes of water to Maldives during failure of de-salination system
- ▶ Relief operations during incessant rains in Mumbai in 2017

Humanitarian Assistance and Disaster Relief

Construction of Railway Foot Over Bridges at three Railway Stations in Mumbai

Elphinstone Road Railway Station

Curry Road Railway Station

Ambivilli Railway Station

Ex-Servicemen Welfare - Implementation of OROP



OROP arrears paid
Rs.10,788.23
crores

Ex-Servicemen /
Family Pensioners
benefitted
65,83,104

Sufficient budgetary
allocations to cater
for continued release of
enhanced pensions

Ex-Servicemen Welfare - Implementation of OROP



(Amount in Crores of Rupees)

Installment	Amount Spent	No. of Beneficiaries
1 st	4172.64	20,60,220
2 nd	2397.22	15,94,311
3 rd	2322.68	15,76,254
4 th	1895.69	13,50,319
Total	10788.23	65,81,104

All OROP arrears cleared

Ex-Servicemen Welfare



- ▶ **Liberalised Family Pension extended to the Army personnel working at the Line of Actual Control along the Indo-China Border.**
- ▶ **Monetary Allowance for Gallantry Awardees doubled with effect from 1st August 2017.**
- ▶ **Issuance of Electronic-Pension Payment Orders to all defence pensioners including defence civilians commenced.**

NCC

- Enhanced Cadet enrollment from 11.31 Lakhs in 2014 to 13.15 Lakhs in Sept'17.
- 703 out of 716 Districts covered.
- Nearly 3 Lakh cadets reached out to more than 18 Lakh youth/citizens to popularize digital payments.



Armed Forces Flag Day Fund



- An unprecedented public contribution of more than Rs.24 crores mobilized through a special digital campaign to raise fund for welfare of war widows, children of martyrs, ex-servicemen and their families.
- The Ministry is grateful to nearly two lakh citizens for their overwhelming support and contributions ranging from Rs.10 to Rs.10 lakhs.

#ArmedForcesFlagDay



Sachin Tendulkar

@sachin_rt

Follow

On the occasion of #ArmedForcesFlagDay... I salute our brave soldiers who protect us day and night without fearing for their lives. I salute you. #JaiHind

8:15 AM - 7 Dec 2017



Aamir Khan

@aamir_khan

Follow

Hey guys, watch the video and do the best you can to participate and support the #ArmedForcesFlagDay.

Click on this link to make a contribution.

ksb.gov.in/FundPayment.htm

Love. a.



12:19 AM - 1 Dec 2017



BCCI

@BCCI

Follow

#TeamIndia Captain @imV Kohli and batsman @cheteshwar1's message on the #ArmedForcesFlagDay



7:15 PM - 6 Dec 2017



iamsrk

• Follow

iamsrk Our soldiers give their tomorrow for our today. They deserve our respect and gratitude. @redchilliesent @kkriders @redchillies.vfx @anushkasharma & @aanandlrai team supports them this #ArmedForcesWeek. Jai Hind! @nsitharaman



Shah Rukh Khan

@iamsrk

Follow

Thank u Ma'm @nsitharaman for the opportunity. This is the least we can do for our Armed Forces. Will convey ur msg to the whole team. Jai Hind

War Memorial



- ▶ To recognize and honour the gallantry of our soldiers the National War Memorial is under construction near India Gate, New Delhi.
- ▶ It is expected to be completed by **August, 2018.**

Camp and Border Security



- ▶ Based on Lt.Gen. Philip Compose Committee recommendations, full powers delegated to the Vice Chiefs for undertaking works for perimeter security in military installations.
- ▶ Three year sanction for technical manpower accorded to reconstruct / repair border fence at LOC.

Photo Courtesy India Today Group

Mega Military Exercises/ Events



Gagan Shakti (8th to 22 April 2018)

- ▶ Indian Air Force's massive exercise to validate its Concept of Ops, Real-time coordination, deployment of air power in a short and intense battle scenario.
- ▶ IAF's joint command and control structures with Indian Army and Navy activated.
- ▶ More than 11,000 sorties flown, including 9000 fighter sorties.
- ▶ Dispatch rate of more than 95% for the Combat Assets, 100% availability of Combat Support Systems and almost 100% dispatch rates of Combat Enablers achieved.

Mega Military Exercises/ Events



Harimau Shakti (30th April to 13th May 2018)

- ▶ Indian and Malaysian Armies conducted bilateral exercise in the Malaysian Jungles in a Counter Insurgency format under the UN mandate.
- ▶ Malaysia is the only country to have successfully eliminated insurgency.

Mega Military Exercises/ Events



Exercise Indra-2017, (19th to 29th Oct 2017)

- ▶ The first ever Tri Services Joint Exercise between Indian and Russian Armed Forces was conducted at the 249th Combined Army Range Sergeevsky and in the Sea of Japan near Vladivostok.
- ▶ Focused on counter insurgency operations under UN mandate.
- ▶ Strengthened mutual confidence, inter-operability and enabled sharing of best practices between both the armed forces.

Mega Military Exercises/ Events

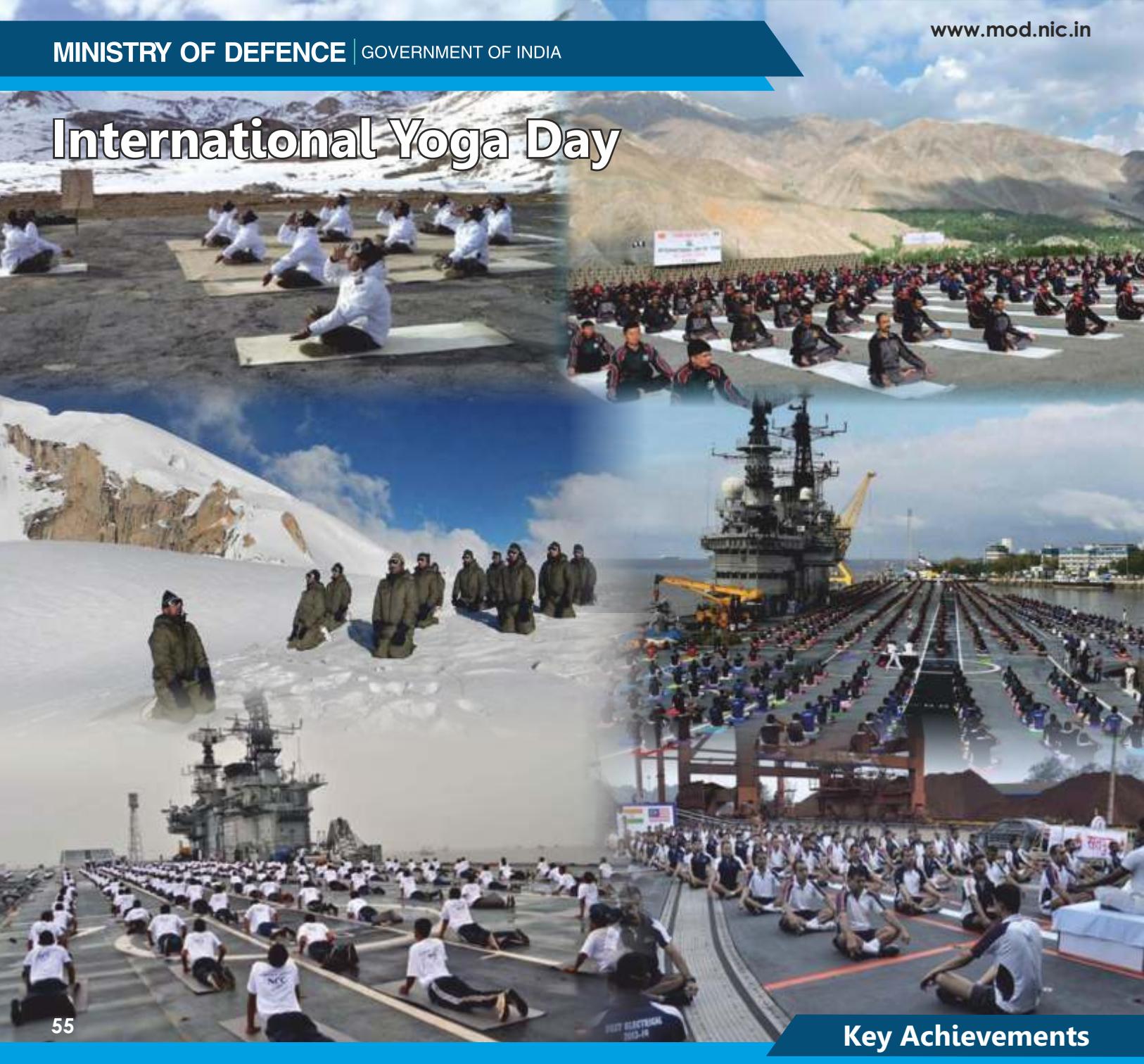


International Fleet Review 2016, (4th to 8th Feb 2016)

- ▶ The International Fleet Review by Hon'ble President of India was conducted off Rama Krishna Beach, Vishakhapatnam.
- ▶ A total of 97 ships participated in the event.
- ▶ Total 24 ships from 21 foreign Navies, 22 chiefs of Navies and 26 delegations from about 50 foreign countries participated.



International Yoga Day



Women Empowerment



Courtesy ELLE Magazine Sh.Tarun Khiwal



