



MINISTRY OF DEFENCE
GOVERNMENT OF INDIA

Leveraging an ocean of opportunities... Scaling new heights... Expanding horizons...

Transforming India



Key Accomplishments

in the defence sector under the Narendra Modi Government

July 2016



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



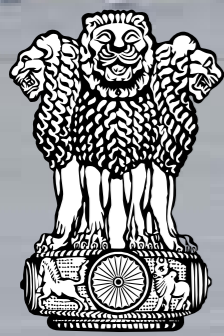
Shri Narendra Modi
Hon'ble Prime Minister of India



Manohar Parrikar
Raksha Mantri



Dr. Subhash Bhamre
Raksha Rajya Mantri



सत्यमेव जयते

MINISTRY OF DEFENCE

GOVERNMENT OF INDIA

Contents

- 
- Defence Reforms
 - Defence Acquisition
 - Defence Production
 - Defence Diplomacy
 - Humanitarian Assistance & Disaster Relief
 - Pension Reforms
 - National Cadet Corps
 - Women Empowerment
 - Swachh Bharat Abhiyan
 - War History

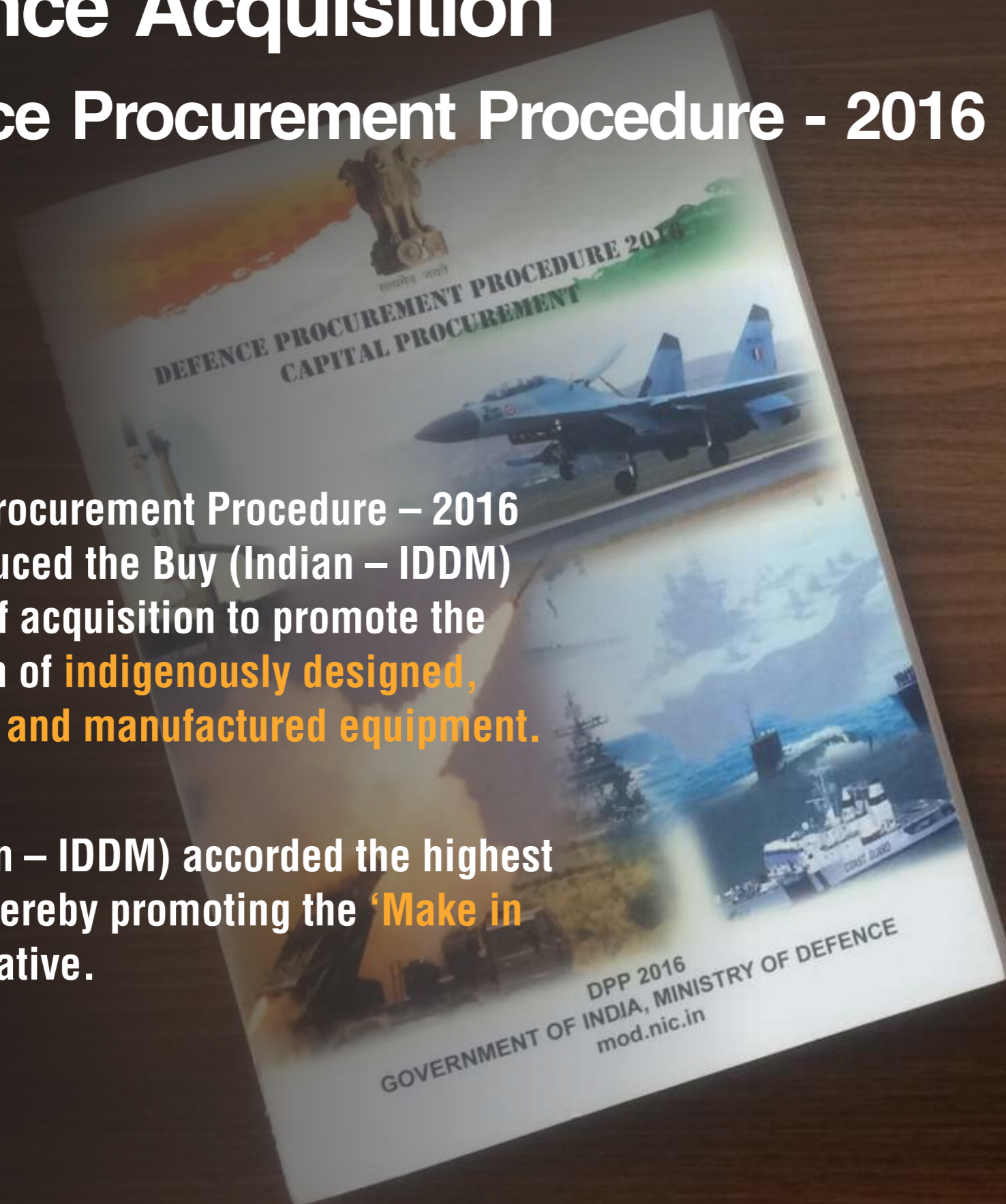
Defence Reforms

- ★ Up to **49%** FDI in defence allowed under the automatic route.
- ★ Up to **100%** FDI in defence allowed under the Government route on a case-to-case basis.

Foundation stone laid for a **Tata-Boeing** joint venture production unit in Hyderabad, to produce Apache helicopter fuselages.

Defence Acquisition

Defence Procurement Procedure - 2016



Defence Procurement Procedure – 2016 has introduced the Buy (Indian – IDDM) category of acquisition to promote the acquisition of **indigenously designed, developed and manufactured equipment.**

Buy (Indian – IDDM) accorded the highest priority, thereby promoting the **‘Make in India’** initiative.

DPP 2016: ‘Make in India’ paradigm, a new era dawns. **THE ECONOMIC TIMES**

Blogs

Defence Procurement Procedure 2016 : An ambitious roadmap for India’s industrial defence base **FIRSTPOST.**

Make in India : New Defence Procurement policy irons out many critical issues **THE FINANCIAL EXPRESS**

Defence Procurement Procedure 2016 : Rebooting Defence Production and Procurement

idsa Institute for Defence Studies and Analyses

Defence Acquisition

Defence Procurement Procedure - 2016

- 
- ★ Provision to procure equipment with enhanced performance parameters.
 - ★ Funding of private sector design and development projects.
 - ★ Special focus on the MSME sector.
 - ★ Scope of Fast Track procurement procedure has been expanded and made easy.

Defence Acquisition

Key Developments

No. of contracts signed - 110;
Value - ₹ 1,13,995 crore.

No. of AoNs* accorded - 101;
Value - ₹ 2,39,000 crore.

LOI for 12 MCMVs** issued;
Value - ₹ 32,640 crore.

* AoN - Acceptance of Necessity

** MCMV - Mine Counter Measure Vessels

Defence Acquisition

Major Capital Procurements



NAVY FRIGATES
₹ 48,000 CR.



WEAPON LOCATING RADARS
₹ 2,000 CR.



MINE COUNTER MEASURE VESSELS
₹ 32,000 CR.



SMERCH ROCKETS
₹ 3,000 CR.



BARAK STA MISSILES
₹ 875 CR.



AKASH MISSILES
₹ 4,793 CR.



APACHE HELICOPTERS
₹ 13,970 CR.



MI-17 HELICOPTERS
₹ 6,700 CR.



CHINOOK HELICOPTERS
₹ 8,000 CR.

Defence Acquisition

Major Capital Procurements

Long range maritime patrol aircraft – Poseidon Eight India (P8I) dedicated to the nation.
Four more **P8I aircrafts** are under advanced stages of procurement.



Defence Acquisition - Under Progress

Acquisition of **36 Rafale jets** – Multi-role Combat Aircrafts.



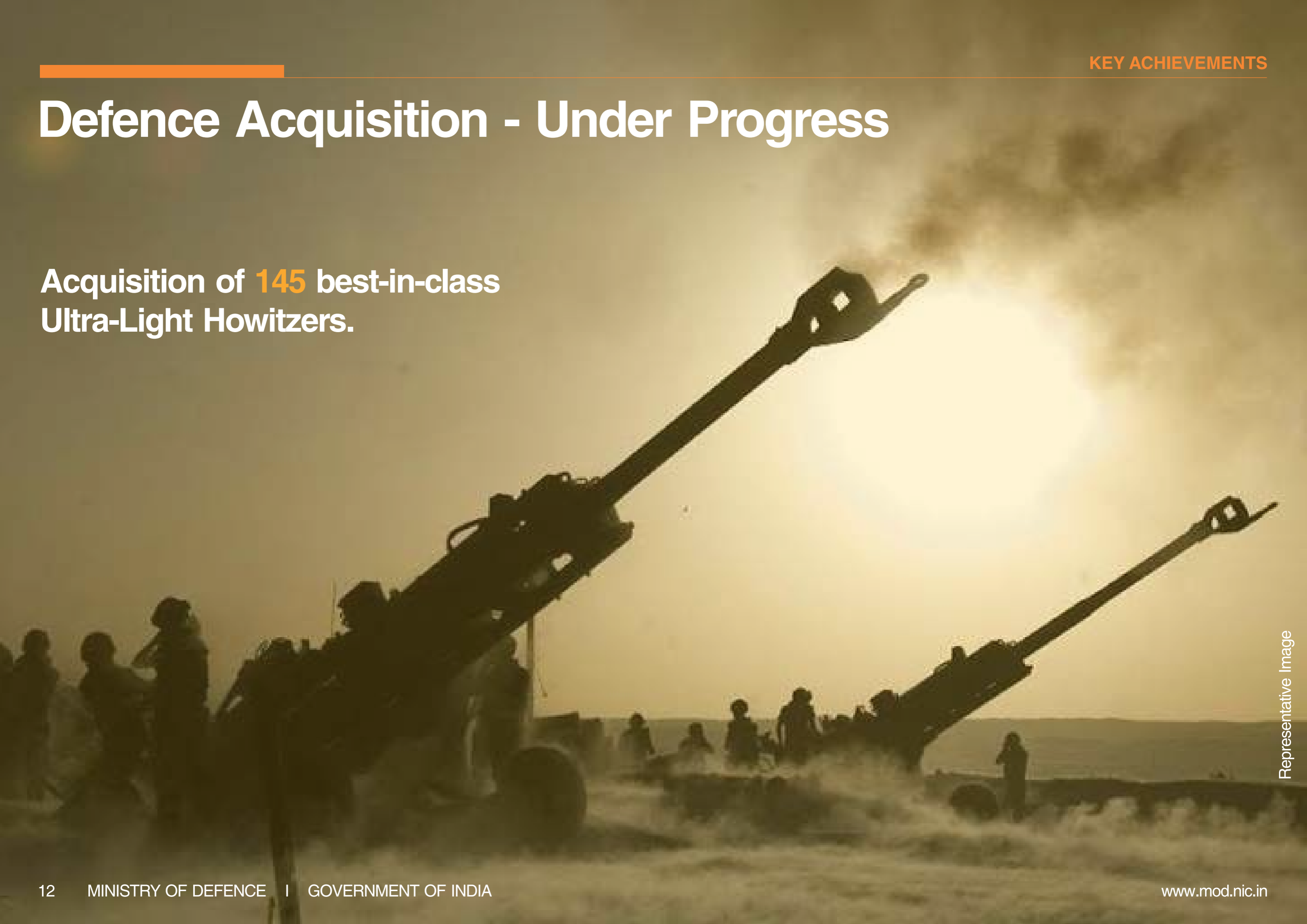
Defence Acquisition - Under Progress

Indigenous manufacturing of **Kamov Ka-226** – twin engine helicopters.

An inter-governmental agreement signed with the Russian Government.

Defence Acquisition - Under Progress

Acquisition of **145** best-in-class Ultra-Light Howitzers.

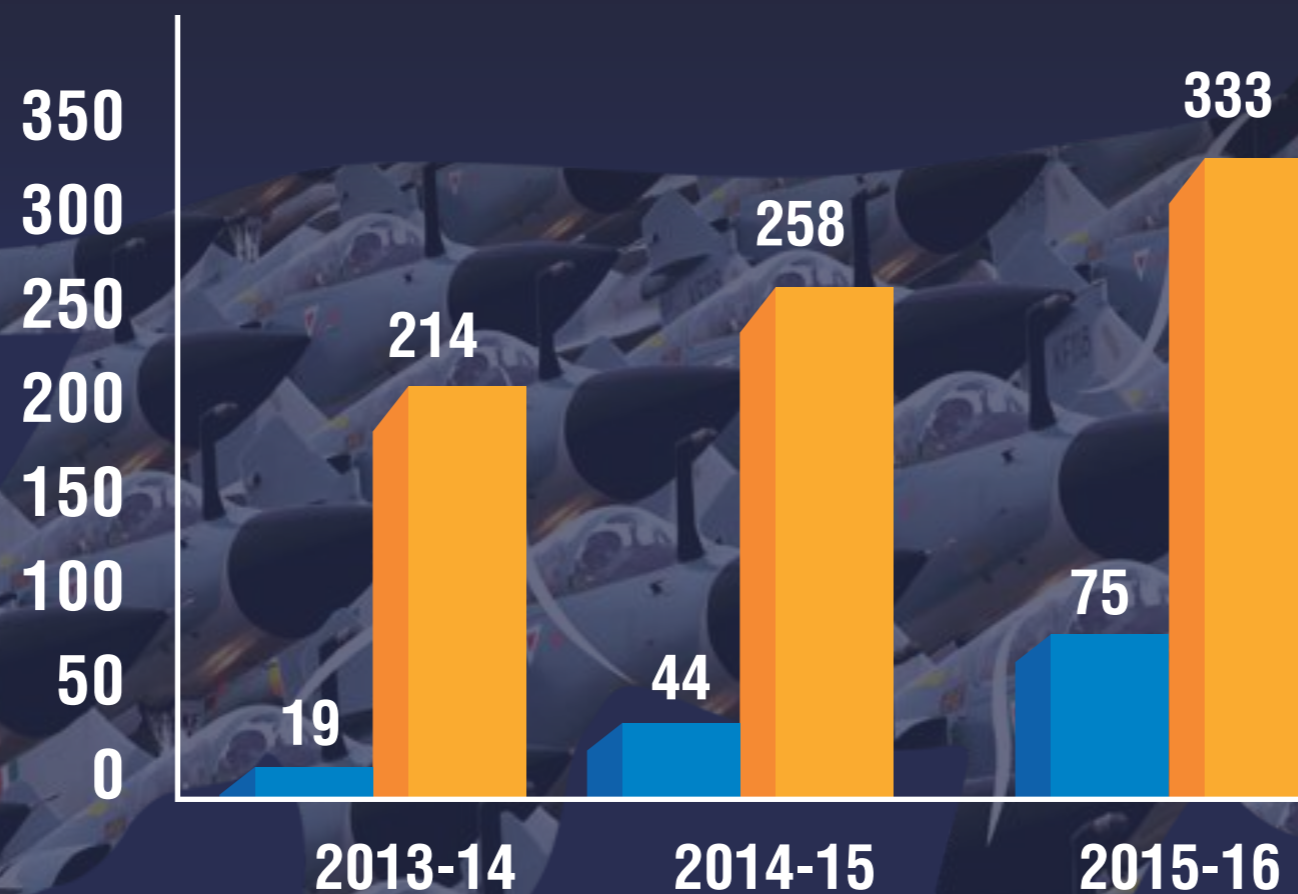


Representative Image

Defence Production - Industrial Licenses

Defence licensing mechanism **liberalised** and made more **transparent**.

Number of licenses granted

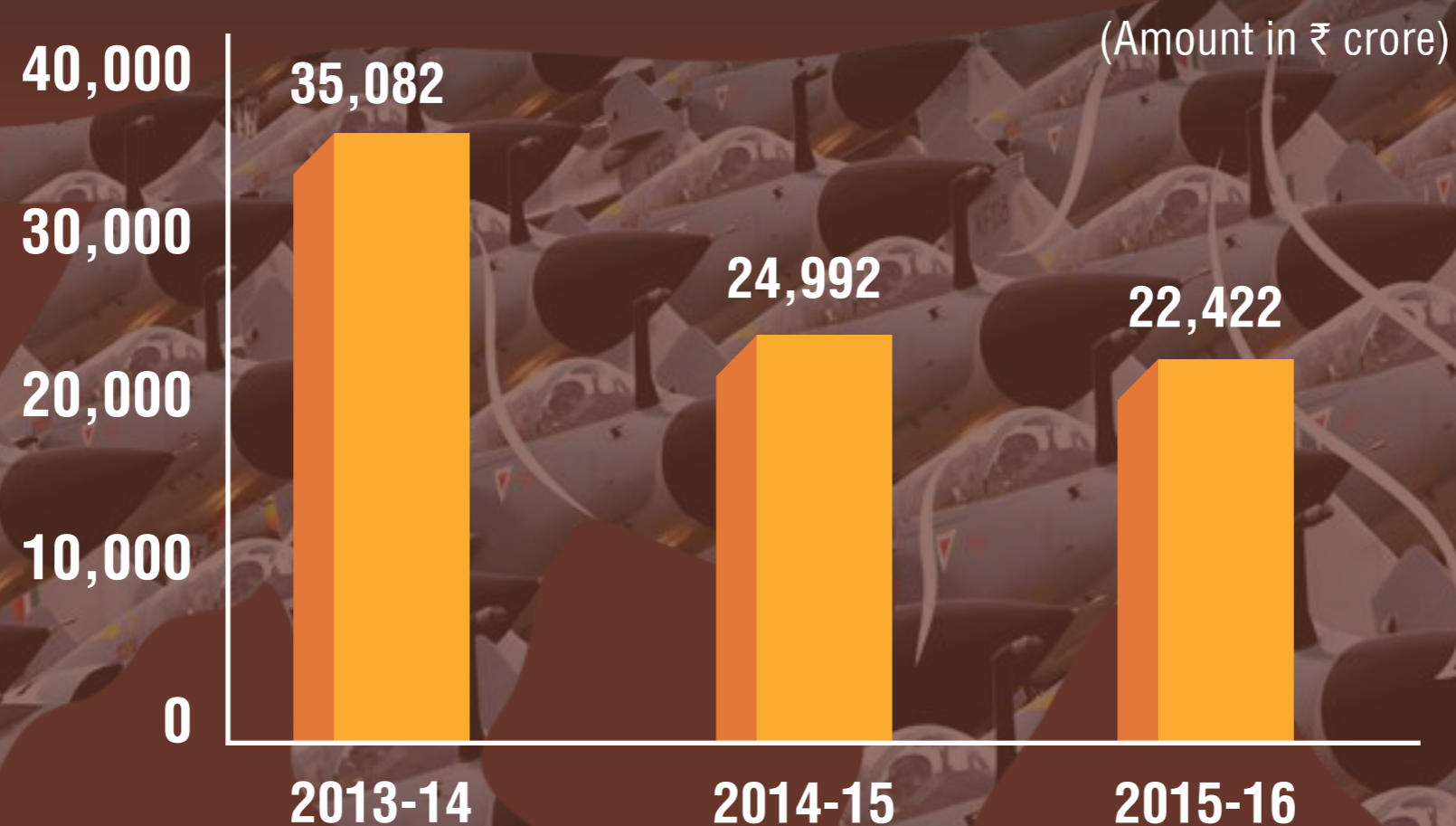


■ No. of Industrial Licenses issued in the year.
 ■ Cumulative Industrial Licenses issued upto the year.

119 licenses in two years (2014 - 2016), as against 214 licenses issued in 13 years between 2001 – 2014.

Defence Production - Self Reliance

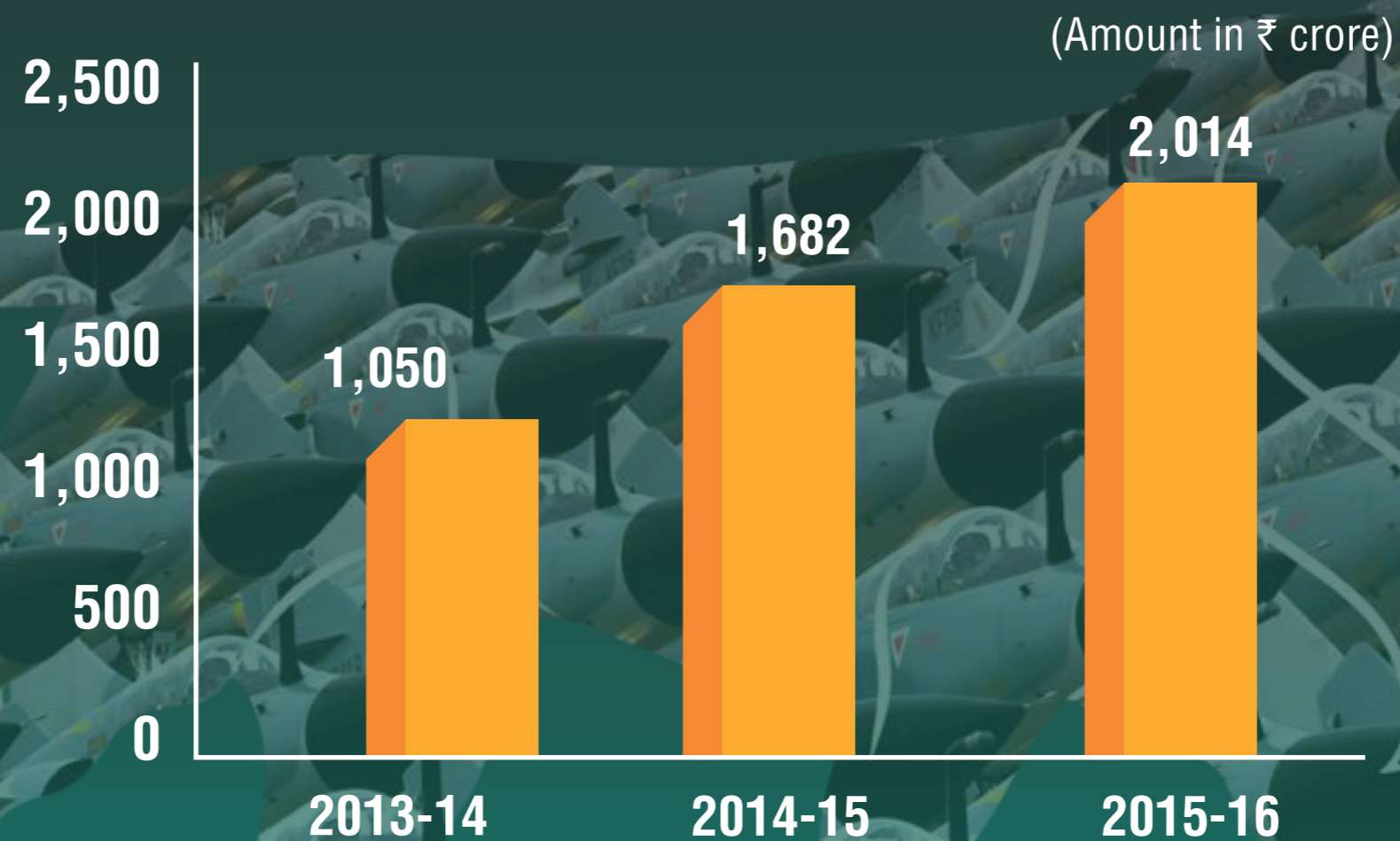
- All naval ships and submarines on order are being constructed in India.
- **75%** of the total capital acquisition orders of the **Indian Army** are with Indian firms.



Expenditure on capital procurement of Army, Navy, Air Force from foreign vendors.

Defence Production - Exports

Defence exports regime streamlined and liberalised, and has touched a value of ₹ 2,014 crore.

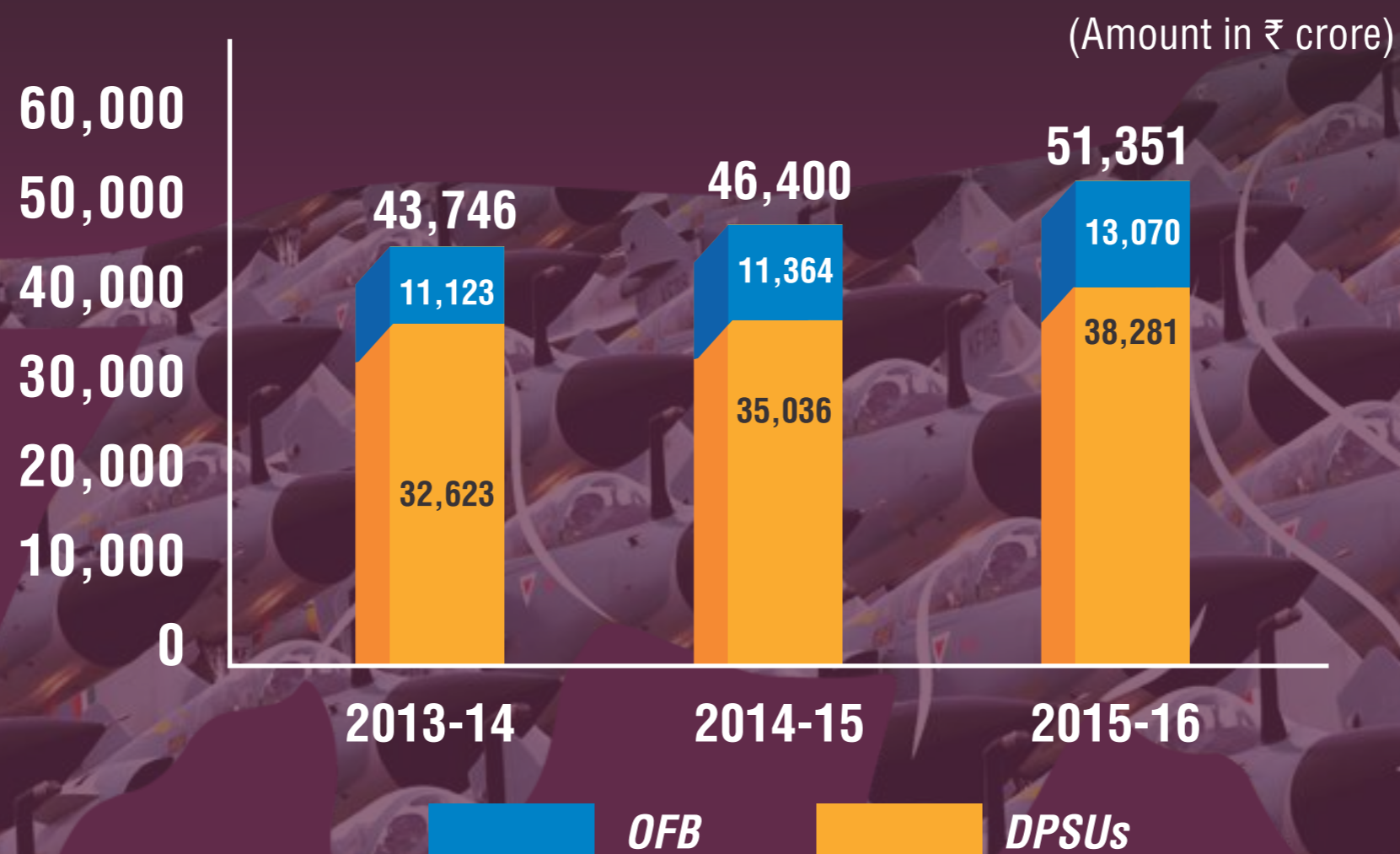


Figures are based on export from DPSUs, OFB and value of NOCs issued to the private sector.

Compounded Annual Growth Rate of 38.5% over the last two years.

Defence Production - Enhanced Performance

Production value of **OFB** and **DPSUs** has grown to ₹ 51,351 crore.



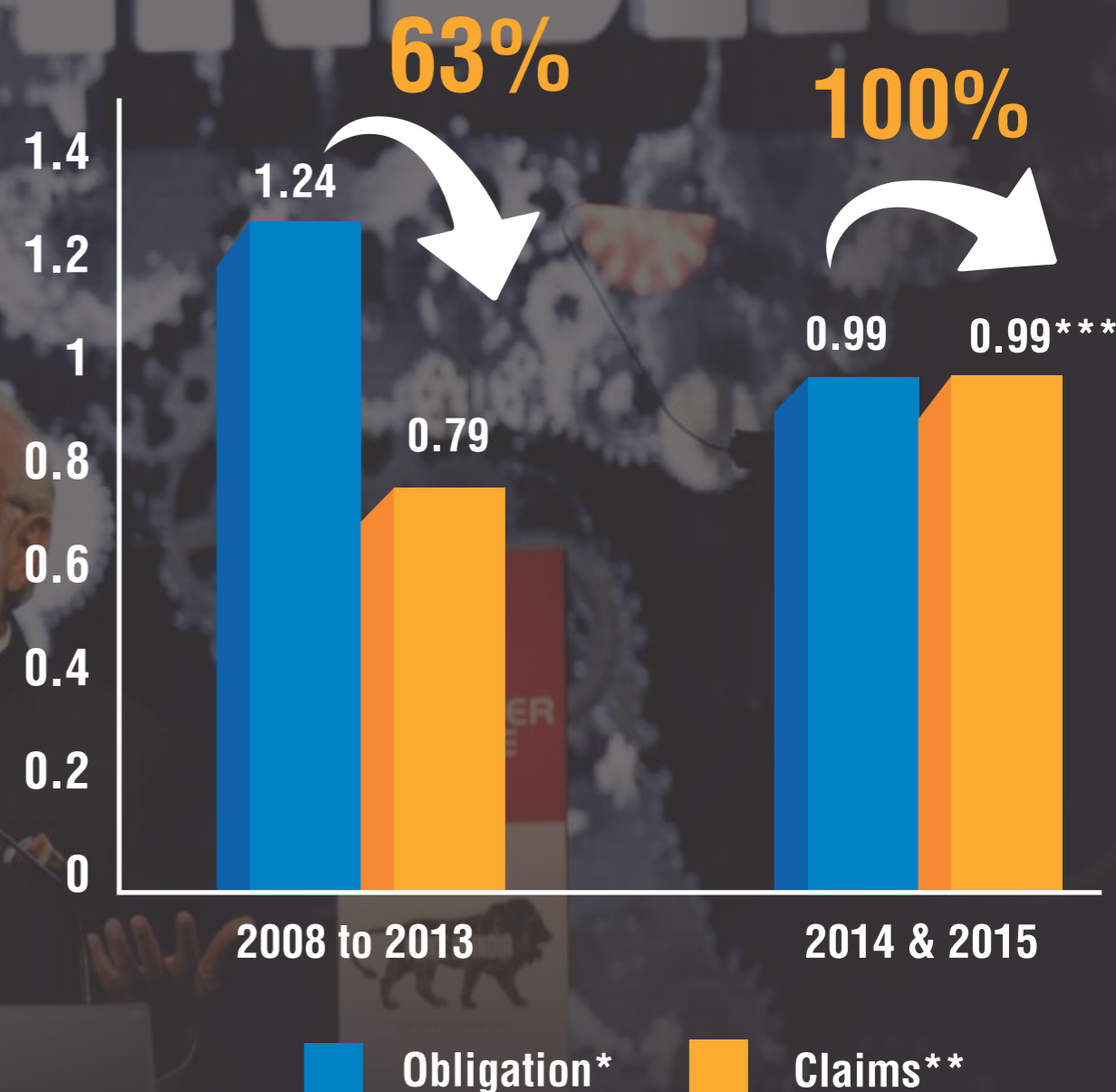
Compounded Annual Growth Rate of 8.3% over the last two years.

Defence Production - Offsets

- Offsets policy liberalised, and services as means to fulfill offset obligations provisioned.
- Total pending offset obligation amounts to more than **USD 6 billion**.
- **100%** of the offset obligations have been claimed between 2014 - 2015, as against **63%** between 2008 - 2013.

Offset Obligations & Claims

(Figures in billion US Dollars)



*Offset obligations are as per phasing given in the offset contracts.

** Subject to audit.

***This is an aggregate figure, though some contracts may have excess/shortfall.

Defence Production



DIRECTOR GENERAL (AERO)
DIRECTOR GENERAL (ECS)
DIRECTOR GENERAL (MSS)

DIRECTOR GENERAL (NS)
DIRECTOR GENERAL (LS)
DIRECTOR GENERAL (ACE)
DIRECTOR GENERAL (MED & COS)



सत्यमेव जयते



CHIEF C
CHIEF C
CHIEF C

Key **DRDO** projects in advanced stages of completion:

- Long Range Surface to Air Missile (**LRSAM**) for Indian Navy.
- Astra - Beyond Visual Range Air to Air Missile (**BVRAAM**) for Indian Air Force.
- Airborne Early Warning and Control (**AEW&C**) System.
- Rustam - 2, Medium Altitude Long Endurance Unmanned Aerial Vehicle (**MALE- UAV**).
- Advanced Towed Artillery Gun System (**ATAGS**).
- Guided Bombs.

Defence Production



Tejas, indigenously produced state-of-the art light combat aircraft, inducted into Air Force.

Defence Production



Naval warship **INS Kochi**, commissioned.



Naval warship **INS Kolkata**, commissioned.




INS Kalvari (attack submarine) undocked and currently undergoing sea trials.



Samarth (off-shore patrol vessel) commissioned.

Defence Production




Varunastra - heavy weight ship launched torpedo, inducted into service.

Mareech – advanced torpedo defence system, handed over to Navy.

INS Astradharini – torpedo launch and recovery vessel, developed by DRDO, commissioned.

Defence Production



BrahMos integrated with **Sukhoi Su-30** and tested successfully; this integration significantly increases the strike and precision attack capabilities of **Su-30**.



HAL has designed and developed the **HTT 40** (a basic trainer aircraft), and its trial flights were completed successfully. With 85% indigenisation, **HTT 40** would not only meet the requirement of the Air Force, but also carries promising export potential.



32 Hawks (Tandem seat advanced jet trainers) inducted into service.



Achieved weapon integration in indigenously designed, developed and manufactured **Light Combat Helicopter**.

Defence Production

Akash Missile System, India's first indigenously built surface to air missile defence system inducted into the Army and the Air Force.

Defence Production

OFB successfully designed and developed the 155mm/45 calibre artillery gun system **Dhanush**, an upgraded version of Bofors.



Defence Diplomacy


Expanded defence engagement with extended neighbourhood through capability partnerships and equipment support for **Mauritius, Sri Lanka, Maldives, Seychelles, Myanmar, Bangladesh and Nepal.**



Defence Diplomacy

Signed defence cooperation agreements and MOUs with over **20 countries** including Japan, Singapore, Oman, UAE, Vietnam, Tanzania, Kenya, Canada, Kyrgyz Republic, Turkmenistan, Kazakhstan etc., to facilitate **defence tie-ups** and encourage defence exports.

Defence Diplomacy

A photograph showing two men shaking hands. The man on the left is wearing a dark suit, a white shirt, and a blue tie. The man on the right is wearing a dark, high-collared jacket. They are standing in front of an American flag on the left and a large map of the world on the right. The map shows the Indian subcontinent in the center, with surrounding landmasses and oceans.

Rapidly expanded defence engagement with the **United States**, as a major facet of the **bilateral strategic partnership** between the two nations.

Defence Diplomacy

Revitalised strategic linkages with major partners including **Russia, Japan, EU Countries** and the **United States**, for technology transfer of state-of-the-art **defence equipment** and enhanced military cooperation.

Defence Diplomacy

Enhanced Maritime Security focus, through conclusion of White Shipping Agreements, **setting up of Coastal Surveillance Systems** and continued participation in anti-piracy patrols.



Defence Diplomacy

Strengthened inter-operability and mutual understanding with armed forces of **friendly foreign countries** through joint training, exercises and staff level exchanges.

Defence Diplomacy



First ever joint exercise in India, on Humanitarian Mine Action involving 300 officials from 18 countries under the **ASEAN Defence Ministers Plus** framework.



Raksha Mantri Manohar Parrikar with the Chinese Premier Li Keqiang



Raksha Mantri Manohar Parrikar with the Defence Minister of Singapore Ng Eng Hen



Raksha Mantri Manohar Parrikar with Vietnamese Minister of National Defense Ngo Xuan Lich



Raksha Mantri Manohar Parrikar with the Deputy Prime Minister of the Sultanate of Oman Sayyid Fahd bin Mahmoud Al Said



Raksha Mantri Manohar Parrikar with the Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces Mohamed bin Zayed.

Raksha Mantri Manohar Parrikar delivering his address at the Shangri-La dialogue



Humanitarian Assistance & Disaster Relief

Actively supported the evacuation operations in war torn regions; safely brought home several Indians and helped relocate citizens from **19 other nations**.



Humanitarian Assistance & Disaster Relief

Carried out the following Humanitarian Assistance & Disaster Relief operations:

- **Operation Megh Rahat** – During floods in Jammu & Kashmir.
- **Operation Lehar** – During the HUDHUD cyclone in Andhra Pradesh.
- **Operation Maitri** – During earthquake in Nepal.
- **Operation Phutkal** – During landslide in river Phutkal.
- Relief efforts during **Chennai** floods.
- Relief efforts during **Kollam** fire accident.
- Controlling the forest fire in **Uttarakhand**.
- Relief efforts during the **Sri Lankan** floods.
- Supplied over 2400 tonnes of water to **Maldives** during failure of de-salination system.



Pension Reforms

- A long standing demand of **One Rank One Pension** fulfilled.
- Pension and arrears amounting to **₹ 3,578 crore** have been disbursed to **18,59,083** pensioners so far.

National Cadet Corps

16% increase in the number of female cadets enrolled in the NCC.

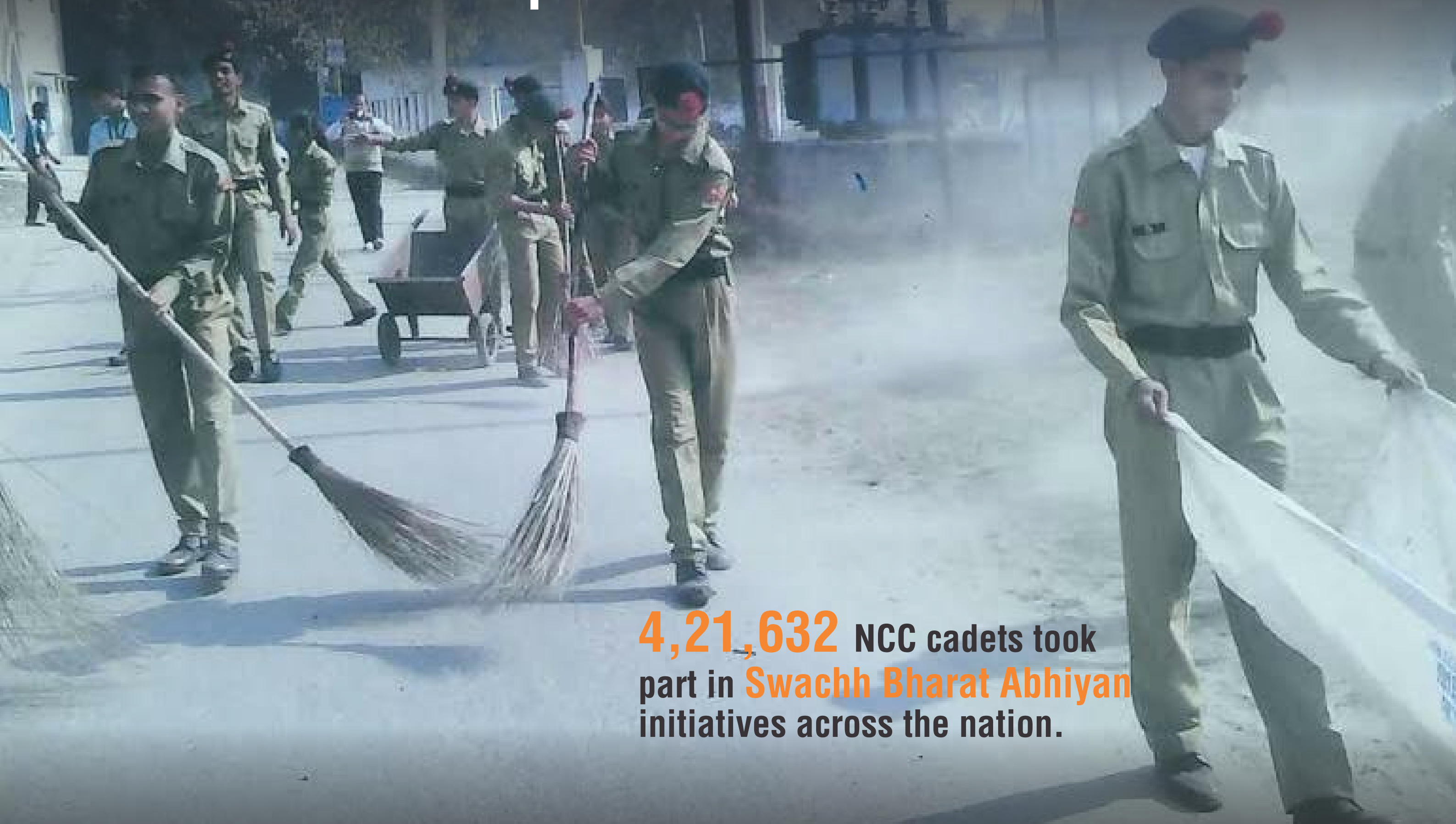
National Cadet Corps

14,000 NCC cadets
enrolled in the Indian
armed forces.

National Cadet Corps

6,84,000 NCC cadets took part in the **2nd International Yoga Day** celebrations, spread across 5,500 venues.

National Cadet Corps



4,21,632 NCC cadets took part in **Swachh Bharat Abhiyan** initiatives across the nation.

National Cadet Corps



2,29,056 NCC cadets took part in tree plantation efforts across the nation.

NCC Cadets from BCM Sr. Secondary School, Ludhiana.

National Cadet Corps

A **16** member **NCC cadets team** consisting of **11 women** scaled the **Mt. Everest** in **May 2016**.

Women Empowerment

- Three female officers of **Indian Air Force** have become fighter pilots; India joins an elite club of nations with women fighter pilots.
- Opening of fighter stream for women through the **Short Service Commission**.
- Induction of **women SSC officers as pilots** in MR stream and in Naval armament inspection cadre of the Navy.

Swachh Bharat Abhiyan

All cantonment boards have extensively implemented cleanliness initiatives in line with **Swachh Bharat Abhiyan** initiatives.



War History

- 
- A photograph of Prime Minister Narendra Modi, dressed in a white kurta, walking through a museum exhibition. He is surrounded by other officials and military personnel. In the background, there are large displays, including a sign that reads 'D OF PATTON TANKS' and another that says 'श्रीगंगानगर SHRIGANGANAGAR'.
- The Government approved the construction of a **National War Memorial** and a **National War Museum**.
 - Events to commemorate **50 years of the 1965 Indo-Pak war** were held in September 2015.

