

## MINISTRY OF DEFENCE

### **'Make In India'- Policy Initiatives:**

As the country's defence requirements are largely met through imports, reduction in imports dependence and promotion of 'Make in India' has been the focus of the government's defence acquisition policy. The nation's extensive modernisation plans, an increased focus on homeland security and India's growing attractiveness as a defence sourcing hub will provide the necessary fillip to 'Make in India' initiative of the government.

In pursuance of 'Make in India' initiative and in order to promote indigenous design and development of defence equipment a new category of procurement 'Buy (Indian-IDDM)' has been introduced in Defence Procurement Procedure (DPP) – 2016.

The new DPP-2016 was promulgated for capital procurements and came into effect from April 01, 2016. DPP-2016 has a focus on achieving the 'Make in India' vision by according priority to 'Buy Indian – IDDM (Indian Designed, Developed and Manufactured) and 'Buy (Indian)' categories. It also focuses on enhancement and rationalization of indigenous content. However, the chapter on strategic partnership is yet to be finalized.

The Foreign Direct Investment (FDI) policy has been revised to allow upto 49% through automatic route and upto 100% under Government route on a case-to-case basis.

### **Achievements of Department of Defence Production (DDP)**

1. As against only 214 industrial licenses issued between 2001 and March 2014, 119 licenses have been issued from April 2014 upto March 2016.
2. As on September 2016, 52 companies covering 83 industrial licenses had reported commencement of production.
3. Exports from OFB, DPSUs and private sector in the FY 2015-16 increased to Rs. 2059.18 crore from Rs. 1153.35 crore in FY 2013-14.
4. Numbers of NOCs issued for Export of Military Stores has increased from 39 in 2013-14 to 241 in 2015-16.
5. The value of outsourcing as a percentage of value of production has steadily increased to 37.4% in 2015-16.
6. 100% offset claims filed during past 2 years (US Dollar 0.99 billion), as against 64% during the period between 2008-2013 (US Dollar 0.79 billion against US Dollar 1.24 billion).
7. All Indian industries (public and private) are subject to the same kind of excise and custom duty levies.

### **Major Achievements of Ordnance Factory Board (OFB) & Defence Public Sector Undertakings (DPSUs) under DDP:**

1. Output of OFB/DPSUs have improved by 18% from Rs. 43,746 crore to Rs. 51,357 crore in the last two years.

2. Tejas has been inducted into the Air Force and production lines have commenced. The current level of indigenisation is at 55%, which will be increased to 70%.
3. BrahMos missile integration with Su-30 MKI has been successfully tested.
4. Basic configuration of Light Combat Helicopters (LCH) has been approved and certified. The supplies will commence shortly.
5. LUH development is in the final stages of flight test. Initial flight test conducted, further flight testing is in progress. Operational clearance of LUH expected by end 2017.
6. HTT 40, the indigenously designed/developed basic trainer has been built and inaugural flight performed in June 2016.
7. 03 numbers of 155mmx45 calibre Artillery Guns 'Dhanush' handed over to Indian Army for Users exploitation.
8. First indigenously built Surface to Air 'Akash' Missile system, inducted into the Army on and Air Force.
9. Major platforms delivered by various DPSUs includes, three warships of Destroyer class 'INS Kolkata', 'INS Kochi' and 'INS Chennai' constructed by Mazagon Dock Shipbuilders Limited, one Offshore Patrol Vessel (OPV) 'Barracuda' constructed by Garden Reach Shipbuilders & Engineers Limited was presented to Mauritius Government. It also includes Shore Based Test Facility for training of Pilots and one Damage Control Simulator built by Goa Shipyard Limited which was presented to Myanmar Government.

#### **Initiatives taken up by DDP for ease of doing business**

- A 'Make in India' portal [www.makeinindiadefence.com](http://www.makeinindiadefence.com) provides information related to all policy and procedural issues relevant for defence manufacturing industry.
- A web based single window interface has been created to issue 'No Objection Certificate' for Export.
- Renewal of registration can be carried out on self-certification basis.
- DPSUs/OFB follow the process of e-tendering for procurement of various items.

#### **Skill Development:**

- DPSUs are encouraged to spend upto 20% of their CSR funds on skill development activities.
- DPSUs/OFB are also encouraged to increase the intake of apprentices under the 'Apprenticeship Act' from 2.5% to 10% of total manpower.

#### **EX-SERVICEMEN WELFARE**

Department of Ex-Servicemen is mandated to formulate and implement various policies and programmes for the welfare and resettlement of Ex-Servicemen (ESM). It also deals with pension policies for the Armed Forces personnel. The three attached offices namely, Kendriya Sainik Board Secretariat (KSB Sectt.), Directorate General of Resettlement (DGR) and Central Organisation, Ex-Servicemen Contributory Health Scheme (CO, ECHS) help in the implementation of the policies and programmes of the department.

#### **Implementation of OROP benefits:**

After a gap of more than 40 years, the much awaited One Rank One Pension (OROP) scheme was announced by the Government in 2015. Detailed instructions along with tables announcing its implementation were issued on 03 February 2016. The implementation of OROP is in full swing and the Ex-Servicemen and War Widows have begun to receive the monetary benefits of the scheme.

As on February 28, 2017, Rs. 4,090.94 crore have been paid towards first instalment of OROP arrears to 20,07,090 Ex-Servicemen and family pensioners. Further Rs. 2,317.82 crore have also been paid as second instalment of arrears to 15,66,486 Ex-Servicemen. Another Rs. 710.61 crore have also been paid third instalment as arrears.

**Directorate General Resettlement (DGR):**

**(i) Total Employment Generated by DGR for ESM for last three years (2014-2016)**

<b>Sl No.</b>	<b>Sector</b>	<b>Total</b>
1.	Central Govt./Banks/PSUs/CAPF/DSC and State Govt. Jobs	<b>44,157</b>
2.	Self-Employment schemes of DGR	<b>1,09,498</b>
3.	Pvt. Sector Jobs (RSB/Employment Dte./Job Fair)	<b>37,291</b>

**(ii) Training imparted to ESM by DGR during the last three years 2014-2016)**

<b>Sl No.</b>	<b>Particulars</b>	<b>Total</b>
1.	Training imparted to Officers and ESM	<b>68,600</b>

**Kendriya Sainik Board (KSB):**

Kendriya Sainik Board Secretariat (KSB) formulates policies and schemes for resettlement, welfare and rehabilitation of ESM and their dependents across the country. The physical and financial achievements provided, directly or indirectly, to the ESM/Widows and their dependents are as tabulated in the succeeding paras:-

**(i) Financial assistance for various welfare schemes during financial year 2014-15 to 2016-17:**

<b>Name of Schemes</b>	<b>2014-15</b>		<b>2015-16</b>		<b>2016-17</b>		<b>Total</b>	
	<b>Beneficiaries</b>	<b>Amount Paid</b>	<b>Beneficiaries</b>	<b>Amount Paid</b>	<b>Beneficiaries</b>	<b>Amount Paid</b>	<b>Beneficiaries</b>	<b>Total Amount Paid</b>
<b>RMDF (now renamed RMEWF)</b>	<b>12,354</b>	<b>19,97,86,500</b>	<b>46,383</b>	<b>77,05,14,460</b>	<b>37,694</b>	<b>67,42,22,021</b>	<b>96,431</b>	<b>1,64,45,22,981</b>
<b>Treatment of serious disease</b>	<b>118</b>	<b>1,05,71,748</b>	<b>7</b>	<b>5,27,528</b>	<b>20</b>	<b>17,69,917</b>	<b>145</b>	<b>1,28,69,193</b>

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Mobility equipment to disabled ESM (Post retirement)	33	18,97,500	1	57,000	2	1,15,000	36	20,69,500

(ii) **Prime Minister's Scholarship Scheme for National Defence Fund (NDF):**

Name of Scheme	2014-15		2015-16		2016-17		Total	
	Beneficiaries	Amount Paid	Beneficiaries	Amount Paid	Beneficiaries	Amount Paid	Beneficiaries	Amount Paid
Prime Minister Scholarship Scheme	12,053	30,17,33,225	23,109	59,10,42,675	11,073	28,57,18,211	46,235	1,17,84,94,111

**EX-SERVICEMEN CONTRIBUTORY HEALTH SCHEME (ECHS):**

Central Organization, Ex-Servicemen Contributory Health Scheme takes care of the healthcare and medical needs of Ex-servicemen and their dependents through a network of 426 Polyclinics, Military hospitals and empanelled hospitals across the country.

(i) **No. of Beneficiaries:** Approximately seven lakh beneficiaries have been enrolled in the scheme in the last three years. Presently, a total strength of beneficiaries is approximately 51 lakhs.

(ii) **No. of Polyclinics Operationalised:** The ECHS Network comprises 28 Regional Centres and 426 Polyclinics spread across length and breadth of the country. Out of these, all 28 Regional Centres and 421 Polyclinics have been operationalised so far. 41 Polyclinics have been operationalised since the last three years.

(iii) **No. of Hospital Empanelment:** A total of 1115 additional medical facilities have been empanelled with ECHS in the last three years. Presently, a total of 2247 civil medical facilities are empanelled with ECHS across the country.

(iii) **Financial:** Budgetary support/Expenditure for the last three years is as follows (all figures in crore):-

SI No.	Financial Year	Allotment (MA/BE)		Expenditure	
		Capital (Rs)	Revenue (Rs)	Capital (Rs)	Revenue (Rs)
1.	2014-2015	5.1100	2260.5800 (MA)	6.6139	2236.1737
2.	2015-2016	9.6500 (MA)	2562.8600 (MA)	5.9262	2547.9539

3.	2016-2017	11.9700 (MA)	2896.5100 (MA)	7.8026 (upto 12.04.2017)	2717.4016 (upto 12.04.2017)
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### **OTHER MEASURES FOR EX-SERVICEMEN**

- \*Marriage Grant for daughter has been enhanced from Rs. 16,000/- to Rs. 50,000/- from April 2016.
- \*Web portal has been launched by Kendriya Sainik Board on March 11, 2016 for online process of applications.

\* **Source: Statement of Lok Sabha Starred Question answered on 17 March 2017**

### **OROP beneficiaries – list of persons for success stories.**

Particulars of some of the Ex-Servicemen *i.e.*, name, address and contact numbers; who have been benefitted under OROP scheme:

#### **Indian Army**

<b>Sl No.</b>	<b>Rank &amp; Name of Ex-Servicemen</b>	<b>Contact No.</b>	<b>Address</b>
1.	Ex-Sub Maj Bennur Baby	8586931275	H-754, Ramphal Chowk, Dwarka -7, Palam Extn. Delhi – 45
2.	Ex-Hav Vishnu Prakash	8586931277	Vill Bhangra, Gurgaon, Haryana
3.	Ex-Sep Sanjeev Kumar	8586931273	Plot No. C-16, Autiv Vihar, Phase –I, Goel Dairy, Delhi – 110071
4.	Ex-H/ Nb Sub Dharmender Singh	9205155885	Vill-Agwanpur, Teh & Dist – Palwal, Haryana
5.	Ex-Hav Narender Kumar	8586931273	Vill – Mitrol, PO Aurangabad, Dist Palwal, Haryana
6.	H/Nb/Sub Yugal Kishore Vashishta	8588818489	MC-159, Mujesar, Haryana
7.	Ex-Nb/Sub Ram Sharma, Knubi	7082136707	Adarsh Colony, Palwal, Haryana
8.	Ex-H/Nb/Sub Ashok Kumar Singh	8800378190	83B, Mitraon Extension, Main Dhansa Road, Opp Bharat Petrol Pump, Nazafgarh, New Delhi -43
9.	Ex Hav BS Bhadoria	9968806557	Trapti Nagar, PO-Morar, Distt-Gwalior 474006, MP
10.	Ex Hav Rambir Kaushik	9873295064	Vill-Bajghera, PO

			Palam Vihar, Gurgaon, Haryana
11.	Ex-Hav Sunil Kumar	9650755816	RZ-70, Mohan Nagar, Opp Jorjapur, 'D' Block, New Delhi - 110046

### Indian Navy

#### Sailors

SI No.	Rank, Name & P No. of Ex-Servicemen	Contact No.	Address
1.	MCPO I H/SLT Manjit Singh (069735)	9421154545	F 4/II Anand Residency Airport Road, Chicalim, Vasco Da Gama - 11
2.	MCPO I Bhagat Singh Manhas (095659)	9906013940 9419192785	D-89, Sainik Colony, Jammu – 11
3.	CHIEF ART Surendra Singh Malik (050804)	9837203200	Sainik Kuteer Jhin Jhana Road, in front of Kisan Inter College Shamli, Dist: Muzafarnagar – 76
4.	CHIEF ART AR Mukhopadhyaya (052034)	9321768333	Kaveri-1305, Godrej Prakriti 187F/1, BT Road Sukchar (Sodepur) Kolkata - 15
5.	CHIEF ART Anil Kumar G (164937)	9497717273	Varenyam, Post: Powdikonam Trivandrum – 88
6.	CPO Hiranya Kumar Sarma (106556)	9435038607	VPO –Sandhey, Via – Gopal Bazar, Dist – Nalbari, Assam – 35
7.	CPO Suresh Laxman Paradeshi (111769)	9322306136	Kumar Samruddhi P2-202, 2 <sup>nd</sup> Floor, Airport Road, Vishrant Wadi, Pune -15
8.	CPO Jagdish Prasad Mishra (149867)	9300520779	Pyasi Cement Traders, Mangal Nagar, Dist – Katni, MP-04
9.	PO Basant Singh (145173)	9418863900	PO Sidhpur, Vill – Sheela <b>Chowk</b> , Teh- Dharmashala, Kangra, Himachal Pradesh -57
10.	PO Abdul Hamid (081761)	9977088055	10-A, Kadar Colony, Khajran, Indore, MP-16

### DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)

**Agni-V Successfully Test-Fired:** Agni-V, the long range surface-to-surface ballistic missile was successfully flight tested by DRDO on December 26, 2016 from Dr. Abdul Kalam Island, Odisha. The full range test-flight of the missile further boosted the indigenous missile capabilities and deterrence level of the country. All the Radars, tracking systems and Range Stations tracked and monitored the flight performance and all the mission objectives were successfully met. This was the 4th test of Agni-V missile and the second one from a Canister on a Road Mobile Launcher.

**Successful Test Firing of Exo-Atmospheric Interceptor Missile:** India successfully conducted a test wherein an incoming ballistic missile target was intercepted by an exo-atmospheric interceptor missile off the Bay of Bengal on February 11, 2017. With this commendable scientific achievement, India has crossed an important milestone in building its overall capability towards enhanced security against incoming ballistic missile threats. It has entered an exclusive club of four nations with developing capabilities to secure its skies and cities against hostile threats.

**Successful Test Firing of Endo-Atmospheric Interceptor Missile:** DRDO conducted the successful launch of the interceptor missile Advanced Area Defence (AAD) on March 01, 2017 from Dr. Abdul Kalam Island, Odisha. The endo-atmospheric missile, capable of intercepting incoming targets at an altitude of 15 to 25 kms successfully destroyed the incoming missile. The weapon system radars tracked the target and provided the initial guidance to the interceptor which could precisely home on to the target and destroyed it in endo-atmospheric layer. The complete event including the engagement and destruction was tracked by a number of electro-optical tracking systems using infrared imagery. Radars and telemetry stations tracked the target and the interceptor till the destruction of the target. The launch has proved the Ballistic Missile Defence (BMD) prowess of the country.

## **INDIAN ARMY**

1. **Surgical Strikes along Line of Control:** Based on specific and credible inputs about some terrorist teams having positioned themselves at launch pads along Line of Control to carry out infiltration and conduct terrorist strikes in Jammu and Kashmir and in various metros in other States, the Indian Army conducted surgical strikes on 29 September 2016 at several of these launch pads to pre-empt infiltration by terrorists.

The operations were focussed on ensuring that these terrorists did not succeed in their design to cause destruction and endanger the lives of our citizens. During these counter terrorist operations significant casualties were caused to terrorists and those providing support to them.

2. **Modernisation:** Important decisions have been taken after long time with respect to modernisation of the Army, which includes clearing of 145 Ultra Light Howitzers at the cost of Rs. 2900 crore, induction of 96% indigenous Medium Range Surface-to-Air Missile (MRSAM) Akash securing Indian territory against aerial threats upto 28 kms of range and 20 km altitude. Army Air Defence got a big boost when it got the clearance for acquiring MRSAM, first acquisition of major weapon system in last 14 years at the approx. cost of Rs. 17,000 crore will be manufactured in India. Rs. 900 crore were cleared for dedicated mobile communication for army troops deployed in Ladakh and Arunachal.
3. **Digital India:** In accordance with the PM's initiative on digitisation, Army digitized service records of over 12 lakh JCOs and ORs in addition to taking recruitment process in the Army online and inaugurating private cloud on October 16, 2015 strengthening the Cyber Security of Indian Army.
4. **Humanitarian Aid and Disaster Relief:** Indian Army has extended extensive support towards providing relief to affected population during many natural

emergencies during the period including Jammu & Kashmir floods (rescue of 2.9 lakh people undertaken), Andhra and Odisha cyclone, Chennai and Gujarat floods among other such situations.

5. **National War Memorial:** Another long pending issue of the National War Memorial was approved at the cost of Rs. 200 crore to be located near India Gate and to be completed in 5 years (approved in 2015).

## **EX-SERVICEMEN CONTRIBUTORY HEALTH SCHEME (ECHS)**

### **ECHS Network:**

- The ECHS network comprises 28 Regional Centres and 426 polyclinics spread across length and breadth of the country. All 28 Regional Centres and 421 polyclinics have been operationalized so far. Out of 421 polyclinics, 41 have been operationalized in the last three years.

### **Online Processing of Individual's Hospitals Reimbursement Claims:**

- Processing of all reimbursement claims of the individual beneficiaries have also been migrated to online system with effect from April 11, 2016. This has not only enhanced the transparency, but has also considerably reduced the processing time thus facilitating early release of payments.

### **Empanelment of Medical Facilities:**

- A total of 1115 additional medical facilities have been empanelled with ECHS in last two and half years. Presently a total of 2247 civil medical facilities are empanelled with ECHS across the country.

### **Empanelment of Endolite and Ottobock Prosthesis Centres:**

- Government has sanctioned for empanelment of 36 prosthesis centres of Endolite and 17 prosthesis centres of Ottobock.

### **Infrastructure:**

- Establishment of Veteran's wing in Base Hospital, Delhi Cantt and Veteran's Hospital at various locations.

## **INDIAN NAVY**

### **Progress made towards Skill Development**

1. **Skill Mapping:** A major exercise was carried out in May 2016, wherein all training schools and establishments in the Navy compared the curriculum of the courses run by them with the National Occupation Standard (NOS) and the job profiles promulgated by National Skill Development Cooperation (NSDC). A total of 159 courses were mapped to 258 job roles and the skill gaps identified.
2. **Selection of Pilot Batch:** For the pilot 03 training schools and 06 job profiles were selected for conduct of the pilot batch training. The details are tabulated below:-

<b>Sl No</b>	<b>Unit</b>	<b>Job Profile</b>	<b>Sector</b>
(i)	INS Hamla (Mumbai)	Distributor Salesman	Retail
(ii)	INS Valsura (Jamnagar)	Field Technician-Computer & Peripherals	Electronics and IT
		Field Technician-UPS & Inverters	
(iii)	School of Medical Assistants (Mumbai)	EMT Basic	Healthcare
		Medical Laboratory Technician	



		Operation Theatre Technician	
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3. **Train the Trainer Programme:** In order to leverage in-service talent, Navy decided to train the instructors posted at Training Schools utilizing the Training Partners of NSDC. Naval instructors were certified in June 2016 as 'Master Trainers' i.e., trainers certified to conduct training on job profiles as well as train the retiring sailors as trainers.
4. **Conduct of Pilot Batch Training:** Training of the Pilot Batch was conducted in two phases during August /September 2016 during which a total of 70 sailors were trained. Due to the experience and competence of the sailors they were certified as 'Trainers' and 'Assessors'.
5. **Placement by NSDC:** NSDC, along with its Training Partners, has facilitated placement of all the retiring sailors who participated in the Pilot Batch for skill certification.

### **Certification Ceremony for IN**

Sailors who participated in the Pilot Batch were handed over Skill Certificates and Placement Letters during a valedictory function by the Defence Minister and the Minister for Skill Development & Entrepreneurship respectively on November 18, 2016.

### **DETAILS OF INDIGENOUSLY BUILT SHIPS COMMISSIONED SINCE MAY 2014**

1. **Commissioning of Two Kamorta Class Corvettes:** Two Kamorta class stealth ASW Corvettes, namely 'INS Kamorta' and 'INS Kadmatt' have been commissioned on August 23, 2014 and January 07, 2016. The Kamorta class ships are the first warships built in the country with 90% indigenous content including special grade high tensile steel produced by Steel Authority of India. The majority of the sensors and weapon system fitted onboard are also of indigenous make.
2. **Commissioning of INS Sumitra:** 'INS Sumitra', a Naval Offshore Patrol Vessel (NOPV), built at Goa Shipyard Limited, Goa, was commissioned on September 04, 2014.
3. **Commissioning of INS Astradharini:** 'INS Astradharini', Torpedo Launch Recovery Vessel (TLRV), built at M/s Shoft Shipyard Pvt Ltd, was commissioned on October 06, 2015 at Visakhapatnam. The ship would be used to undertake trials of indigenous underwater weapon systems being developed by Naval Science and Technological Laboratory.
4. **Commissioning of INS Tarmugli and INS Tihayu.** Two Water Jet Fast Attack Craft, 'INS Tarmugli' and 'INS Tihayu' were commissioned on October 06, 2016 and October 21, 2016 respectively.
5. The first three Water Jet Fast Attack Craft (WJFAC) were commissioned in May 2016, October 2016 and March 2017. These craft are designed to strengthen coastal security on the sea front.
6. The first Landing Craft Utility (LCU) was commissioned in March 2017, which will strengthen the amphibious operations of Indian Navy.
7. One Naval Offshore Patrol Vessel (NOPV) under option clause was commissioned in September 2014. Induction of NOPV has facilitated continued patrolling of the EEZ and lead to reduction in patrolling load on platforms

- designed for other roles.
8. One Torpedo Launch & Recovery Vessel (TLRV) was commissioned in October 2015. The main objective of TLRV is to undertake the sea trials of all torpedoes and other underwater systems being developed by NSTL. This was the first warship project successfully delivered by an Indian private shipyard.
  9. Seven Immediate Support Vessels (ISVs) were procured by M/s ONGC from M/s SHM Shipcare, Mumbai and handed over to the Indian Navy between May 2014 and September 2015. ISVs are lightly armed vessels capable of operating in coastal waters and are meant for patrolling the Offshore Development Areas and oil rigs.

## **INDIAN AIR FORCE**

### **Skill India Initiative:**

- a) Name of the Key initiative/Flagship Scheme  
Skill Certification of retiring air warriors as part of RPS (Recognition of Prior Learning).
- b) Launch Date: December 2015
- c) Objective: To enable retiring air warriors to seek sustainable employment and befitting career prospects in civil industry post retirement and recognition of the skills attained during their service career.
- d) Target Beneficiary: Air warriors who are left with one year of service.
- e) Achievements (Year wise): The number of air warriors trained as Master Trainers, Master Assessors and number of air warriors who have been skill certified are as shown below:-

<b>Year</b>	<b>Trainers/Assessors</b>	<b>Skill Certifications</b>
2015	21 Trainers & 07 Assessors	--
2016	61 Trainers & 12 Assessors	119
2017	20 Trainers	21 + 315*

\* Skill certification courses planned

- f) Performance in last three years: 2014-2017 (each years' budget allocation and achievement) (\*Achievements in terms of individual beneficiaries or physical targets achieved as per the nature of the scheme

<b>Financial Year</b>	<b>Budget Allocated</b>		<b>Achievement</b>
	<b>Training of Trainers</b>	<b>Skill Certification</b>	
2015-16	1,40,000/-	90,000/-	55 air warriors were given placement letters
2016-17	4,65,000/-	Nil. Funds are being borne under PMKVY	Placement of air warriors undergoing skill certification would be offered by NSDC/SSC.

- g) Success stories, preferably individual success stories with photograph and contact details: 1<sup>st</sup> skill certification course was successfully conducted from February 08 to 25, 2016 for 56 air warriors of MT Fit, MTD, Med Asst and tradesmen trained in IT, Networking and Storage. A valedictory function for skill development course was conducted on April 27, 2016 at Air Force Auditorium, Subroto Park. The function was presided over by Defence Minister and attended by Minister of State for Skill Development and Entrepreneurship (Independent Charge), Chief of the Air Staff, Secretaries from Ministry of

Defence (MoD) and Ministry of Skill Development and Entrepreneurship (MSDE) and other senior functionaries from MoD, MSDE and IAF. Certificates and job offer letters were handed over to all the participants.

**Signing of agreement for purchase of 36 Rafale Aircraft:** As a part of force structure planning to increase the Squadron strength in the IAF, Request for Proposal (RFP) for 126 Medium Multi-Role Combat Aircraft (MMRCA) was issued in August 2007. However, the acquisition process did not culminate into a contract. To overcome the impending shortfall in the combat capability of IAF and improve its fighter squadron strength at the earliest, the Government of India signed an Inter-Government Agreement (IGA) with Government of France for procurement of 36 Rafale aircraft on September 23, 2016. The procurement of Rafale through IGA is at better terms and conditions with respect to the earlier MMRCA offer. The delivery of the aircraft would commence in September 2019 and would be completed by April 2022.

The IGA includes initial consignment of weapons, maintenance support through Performance Based Logistical (PBL), simulators and associated equipment. The IGA also includes discharge of 50% offsets by the French Industrial Suppliers.

Rafale is an omni-role fighter, which will provide long range capability to engage targets in depth and will provide a strong weapons and systems capability edge over our adversaries. The weapons include air-to-air Beyond Visual Range (BVR) METEOR missile which is superior to the proposed MICA BVR Missile for MMRCA package. For ground targets, Rafale is equipped with long range SCALP precision guided air-to-ground weapon which will provide a strong attack capability for striking precision targets. In addition, the Rafale for IAF has certain Indian specific enhancements which will provide the aircraft with better capabilities including engine start from high altitude airfields.

**Induction of Light Combat Aircraft (LCA) Squadron into the IAF:**LCA is the first indigenously designed and built fighter aircraft after a gap of over fifty years. The last indigenously built aircraft HF-24 'Marut' served in the IAF in the 1960s and 1970s. The induction of this aircraft into IAF is a moment of pride not only for the IAF but for the entire nation. This is in consonance with the 'Make in India' campaign launched under the aegis of the Prime Minister.

The indigenously built LCA was inducted into the IAF squadron, 'Flying Daggers' on July 01, 2016 in Bangalore. The aircraft was inducted into the IAF in a ceremony which was presided over by AoC-in-C, Southern Air Command. The event was attended by senior dignitaries of IAF and HAL. The event was telecast live in the national media. The squadron also participated in Air Force day display at AFS Hindon on October 08, 2016. The aerobatic display by LCA of IAF was the highlight of the ceremony.

The induction of LCA into the IAF is the first major step as it progresses towards achieving its full operational capability.

## **INDIAN COAST GUARD**

**Commissioning of Indigenously Built Platforms Since May 2014:** Indian Coast Guard, in consonance with 'Make in India' initiative of the Government of India has ensured that all its ships are indigenously built utilizing facilities of both government and private shipyards. Since May 2014, the ships have been built at M/s Goa Shipyard Limited, M/s Cochin Shipyard Limited, M/s L&T Shipyard, M/s ABG Shipyard and M/s Bharti Shipyard. The ICG has commissioned 47 ships during the period from May 2014 till March 10, 2017. The year wise details are as follows:-

<b>Year</b>	<b>Ships commissioned</b>
2014 (since May)	14
2015	21
2016	10
2017 (till 10 March)	04
<b>Total</b>	<b>47</b>

In addition, 44 ships are at various stages of construction at Indian shipyards.

The case for induction of 16 State-of-the-Art ALH MK III helicopters indigenously built by M/s HAL is at final stages of contract conclusion. Further, case for induction of six Multi mission Maritime Aircraft designed and manufactured by DRDO is also in progress.

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