

सत्यमेव जयते

## 4th POSITIVE INDIGENISATION LIST



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- Gaining self-sufficiency in Defence production would not only guarantee long-term security of our country but also give significant boost to the domestic industry engaged in design, development and manufacturing of weapons and platforms.
- 4th Positive Indigenisation List released during Def Expo 2022 .
- 101 more Defence Items will now be procured from indigenous sources. Highly complex systems, sensors, weapons and ammunitions have been included in this list.
- As per preliminary estimates, more than ₹ 1,75,000 Cr worth orders would be placed on Indian Industry in the next 5-10 years.
- This would further stimulate the potential of Domestic Research & Development by attracting fresh investment into technology and manufacturing capabilities.



हर एक काम, देश के नाम



## 4th Positive Indigenisation List

Sl No.	Description
<b>With Effect from December 2022</b>	
1.	Next Generation Frigates
2.	Remote Embedded Systems Support (Remote Control/ Monitoring Panels for Electrical/ Machinery) for Naval Ships
3.	Mobile Disaster Relief Equipment for Humanitarian Assistance and Disaster Relief (HADR) Operations
<b>With Effect from December 2023</b>	
4.	ILMEN-GUVK Gyro System for Kamov Helicopters
5.	Shipborne Gun Direction Fire Control Radar
6.	Shipborne Electro Optic System for Weapons
7.	Shipborne Electro Optic System Stabilized Optronics Pedestal (SOP)
8.	High Data Rate VLF-HF Receivers for Ships
9.	76.2 mm High Explosive (HE) Plugged Cartridges for Naval Applications
10.	Next Generation Damage Control (DC) and Fire Fighting (FF) Simulator for Ships and Submarines
11.	Bullet Proof Security Vehicle for IAF
12.	Full Motion Simulator (FMS) for Light Combat Aircraft (LCA)
<b>With Effect from December 2024</b>	
13.	Fleet Support Ship (Fuel and Logistic Support) for Navy
14.	Mine Counter Measure Vessel
15.	Naval Hospital Ship
16.	Active Waste Disposal Barge
17.	EW System for KM-31 Helos
18.	Composite Material Sea Water Pumps 40 TPH and 125 TPH for Ships and Submarines
19.	Composite Material based HP Air Bottles for Ships
20.	Main and Nose Wheel Tyres for Jaguar Aircraft



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Sl No.	Description
<b>With Effect from December 2024</b>	
21.	Main and Nose Wheel Tyres for IL-76 and 78 Aircraft
22.	Main & Nose Wheel Tyres for LCA
23.	Main & Nose Wheel Tyres for Mi-17 Helicopter
24.	Nose Wheel Tyres with Tubes for MiG-29 Aircraft
25.	Batteries for AWACS Aircraft
26.	Batteries for Hawk Aircraft
<b>With Effect from December 2025</b>	
27.	Augmented Reality (AR) based Head Mounted Display System for Weather information to Army Air Defence Systems
28.	Ship Based Expendable Aerial Target
29.	100 mm Practice High Explosive Direct Action and High Explosive Variable Time (HEDA and HEVT) Cartridges for AK-100/ A-190 Gun
30.	Standalone Miniaturized Telemetry Package for Monitoring of Missile Firing
31.	Small Arms Weapon Training Simulator for Navy
32.	Armament Inspection Information Management System (ERP Solution) for Naval Applications
33.	Three Phase Inverter for ELTA Radar for Aircraft
34.	Nose Wheel Tyres with Tubes for Hawk Aircraft
35.	Main & Nose Wheel Tyres for An-32 Aircraft
36.	Wind Profiler for Meteorological Applications
37.	Lightning Detection System
38.	GPS Anti Jam Device
39.	Air Data Sensor for Fighter Aircraft
40.	Nose Wheel Tyres with Tube for PC-7 Aircraft
41.	Head Down Flight Display (Fighter Aircraft) for Air Force
42.	Fuel Flow Metering Unit (BRZA-7) for Su-30 Aircraft
43.	High Voltage Power Supply (HVPS) System for ELTA Pod of Air Force



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<b>With Effect from December 2026</b>	
44.	High Explosive Pre-Fragmented (HEPF) Mk-1 (Enhanced & Practice RHE (Reduced High explosive) Mk-1 Rocket Ammunition for 214 mm Multiple Launch Rocket System (MLRS)
45.	Area Denial Munition (ADM) (Anti Tank Minelets) for Pinaka Multiple Launch Rocket System (MLRS)
46.	Area Denial Munition (ADM) (Anti Tank Personnel) for Pinaka Multiple Launch Rocket System (MLRS)
47.	Advanced Passive Night Vision Goggles (PNVG) for Infantry
48.	105 mm Blank Ammunition for Army
49.	Truck Mounted Cranes for M777 Ultra Light Howitzer (ULH) Regt
50.	100m Infantry Foot Bridge (Ft Br) Floating
51.	Shotcrete Machine for Tunneling and Slope Stabilization
52.	Concrete Pump for Tunneling and Slope Stabilization
53.	Expendable Mobile Anti-Submarine Warfare (ASW) Training Target for P8I Aircraft
54.	Expendable Underwater Target for Naval Applications
55.	Effectors for Anti-Torpedo Counter Measure System
56.	4G/LTE based Tactical Local Area Network (LAN)
57.	Pyro Cartridges (YDP 1-2) for Fire Safety of Ships
58.	Pyro Cartridges PP-3CP for Ships
59.	Contact Exploder N-239 for Ships
60.	Surface to Surface Missile (Pralay) and Associated System for Air Force
61.	Airborne Flight Test Instrumentation System for Air Force
62.	Visibility Prediction & Forecasting Equipment for Meteorological Applications
63.	High Frequency (HF) Modem for Air Force
64.	Augmented Reality (AR) Tools for Technical Type Training in the IAF



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Sl No.	Description
<b>With Effect from December 2027</b>	
65.	Infantry Protected Mobile Vehicle (PMV) for High Altitude Area (HAA)
66.	Infantry Protected Mobile Vehicle (PMV) Standard (S)
67.	Image Intensifier (II) Based Uncooled Hand Held Thermal Imager (HHTI)
68.	Canister Launched Anti Armour Loiter Munition Integrated with Armoured Fighting Vehicles (AFVs) with Range upto 15 Kms
69.	Light Armoured Multipurpose Vehicle (LAMV) for Mechanised Infantry
70.	Landing Platform Dock
71.	Electro Optical Infrared Search and Tracking (IRST) System for Ships
72.	Automatic Missile Detection Radar for Ships
73.	AI based Logistics and Supply Chain Management for Naval Applications
74.	Auto Take -Off/ Landing Recording (ATORS) System for Air Force
75.	Real time in Flight Health Monitoring System for Aircrew
76.	External Loitering Monitor for Indigenized Loitering Munitions (ILM) for Air Force
<b>With Effect from December 2028</b>	
77.	Integrated EW System for High Altitude Area (HAA) for Army
78.	EW System for Plains for Army
79.	EW System for Deserts for Army
80.	Oily Water Separator (5TPH) for Ships
81.	Medium Speed Marine Diesel Engine for Ships
82.	High Speed Marine Diesel Engine 330 HP with Stem Drive for Waterjet Ships
83.	Next Generation War Gaming Simulator (NAURAN) for Naval Applications
84.	Boiler Tubes of INS Vikramaditya

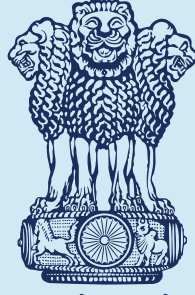


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<b>With Effect from December 2028</b>	
85.	Wearable Robotic for Aircraft Maintenance
86.	Air Launched Flexible Assets Swarm (ALFA-S) Drone System for Air Force
87.	Part Task Trainer (PTT) for Mirage-2000 Aircraft
<b>With Effect from December 2030</b>	
88.	Mobile Integrated Network Terminal (MINT) for Army
89.	Next Generation Helo Harnessing and Traversing System for Ships
90.	Shipborne Unmanned Aerial System
91.	1.25 MW Marine Gas Turbine Generators for Ships
92.	Lox Tank for Air Independent Propulsion for Submarines
93.	127 mm Gun for Ships
94.	127 mm Ammunition for Ships
95.	Glide - Fire Surface to Surface Missile for Ships
96.	30 mm Naval Surface Gun
97.	Long Range Anti-Ship Missile (LR AshM)
<b>With Effect from December 2032</b>	
98.	Long Range UAV (HALE)
99.	Medium Range Maritime Reconnaissance (MR) Aircraft
100.	Turbocharger for P75 Class Submarines
101.	De-Ballasting System for SSK Submarines





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**“The resolution of our country is not small when the armed forces make a list and decide not to import 300 defence products. In this resolution, I can see the seed of a bright future of ‘Aatmanirbhar Bharat’ that will convert this dream into a Banyan tree”.**

**Prime Minister Narendra Modi from the rampart of Red Fort on the occasion of 76th Independence Day**



**Department of Military Affairs  
Ministry of Defence  
Government of India**

**हर एक काम, देश के नाम**