

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
LOK SABHA

UNSTARRED QUESTION NO.1464
TO BE ANSWERED ON THE 19TH DECEMBER, 2018

INDIGENOUS DEFENCE PRODUCTION

1464. SHRI ANURAG SINGH THAKUR:

Will the Minister of DEFENCE be pleased to state:

- (a) the total number of defence equipment developed by Defence Research and Development Organisation (DRDO) and other Indian institutions during the last three years;
- (b) the percentage of the total defence exports that are indigenously produced during the said period; and
- (c) the policies / schemes undertaken to encourage indigenous development of defence equipment in the country?

A N S W E R

MINISTER OF DEFENCE

(SMT. NIRMALA SITHARAMAN)

(a) The following projects have been completed by Defence Research and Development Organisation (DRDO) during the last three years which finds merit for indigenous production through various partner agencies: 46m inflatable random, medium size integrated aerostat surveillance system (NAKSHATRA), heavy drop system – 16T, enhanced range rocket (PINAKA Mk-II), sub-munition warheads for PINAKA, 250 kg pre-fragmented bomb, air bursting grenades for individual weapons, Penetration-Cum-Blast (PCB) and Thermo-Baric (TB) ammunition for 120 mm Arjun tank, Multi Calibre Individual Weapon System (MCIWS), minefield marking equipment Mk-II, CBRNe Remotely Operated Platforms (CBRNeP), bar mine layer, mountain foot bridge, water mist system validation for fire protection in naval ships, electro-optical fire control system for naval ships, commander's non-panoramic TI sight for AFVs (T-90, T-72 & BMP-II), Medium Power Radar (MPR) for IAF, anti-torpedo decoy system (MAAREECH), high speed heavy weight ship launched torpedo (VARUNASTRA), Multi-Influence Ground Mine (MIGM) etc.

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(b) Defence research in India is primarily focused on Research & Development (R&D) for Indian Tri-services only. Export can be planned only after meeting the requirement of our Armed Forces. However, a few products have been given to our friendly nations to meet their urgent requirement.

India, however, has saved a lot on foreign exchange by indigenous development and production of defence products / systems. Value of systems / products / technologies developed by DRDO and inducted into the Services or in the process of induction stands over Rs 2.72 lakh Crore. This figure does not include Strategic Systems. The growth has been phenomenal in the last three years whereby Acceptance of Necessity (AoN) has been accorded for production of 29 systems designed and developed by DRDO during the last three years at a cost of Rs.107740.601 Crore.

(c) Para 72, Chapter II of Department of Defence Production (DDP) 2016 has been introduced for acquisition of indigenously designed and developed systems / equipment into the Armed Forces. Some of the new innovative projects (> Rs.75 Crore) undertaken by DRDO in the last three years (1st January 2016 – till date) to encourage indigenous development of defence equipment in the country are: Medium Range Surface to Air Missile (MRSAM) system for Indian Army, Long Range Surface to Air Missile (LRSAM) system for Indian Aircraft Carrier of Indian Navy, Submarine Launched Cruise Missile (SLCM), Akash – New Generation (Akash NG), Long Range Glide Bomb, Full Mission Simulator (FMS) for Light Combat Aircraft (LCA), Guided Pinaka Rocket System, Marinised Engineered Air Independent Propulsion (AIP) Energy Module (MAREEM), RudraM-II, RudraM-III, Anvesha, Naval Anti Ship Missile-Short Range, Supersonic Missile Assisted Release of Torpedo (SMART), Ground Based High Power Microwave (HPM) Directed Energy Weapon System, Enabling Technologies for Explosive Driven High Power Microwave System (FCGHPM) etc. to name a few.
