

GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO.1519**  
TO BE ANSWERED ON 27<sup>th</sup> November, 2019

**MODERNISATION OF DRDO**

1519. SHRI VISHNU DAYAL RAM:

Will the Minister of DEFENCE j{k ea=h  
be pleased to state:

- (a) whether the Government proposes to modernize the Defence Research and Development Organisation (DRDO);
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether Vijay Kelkar Committee in its report has proposed to adopt state-of-the-art technology for this purpose; and
- (d) if so, the details and the implementation status thereof?

**A N S W E R**

MINISTER OF STATE  
IN THE MINISTRY OF DEFENCE

रक्षा राज्य मंत्री

(SHRI SHRIPAD NAIK)

(श्री श्रीपाद नाईक)

- a) & b): Modernisation of Defence Research and Development Organisation (DRDO) is a continuous process, wherein new technologies, systems, sub-systems are indigenously developed for Armed Forces. In addition to this, modernisation of infrastructure facilities is also continuously taken up to support these activities.

DRDO has over the past decade given a number of systems to the Armed Forces viz. Light Combat Aircraft (LCA) 'Tejas', Main Battle Tank (MBT) 'Arjun' Mk-I, Nuclear Biological and Chemical (NBC) Recce Vehicle, Hull Mounted Sonars (HUMSA NG, HUMSA UG), Radars (Weapon Locating Radar (WLR) 'Swathi', 3D Low Level Light Weight Radar (LLLWR) 'Aslesha' Mk-I), Electronic Warfare systems ('Samyukta', 'Varuna'), Agni, Prithvi family of missiles, Akash Weapon System, Supersonic Cruise Missile 'BrahMos', Surface to Surface Multi Barrel Rocket Launcher System 'Pinaka' Mk-I, Heavy Weight Ship Launched Torpedo 'Varunastra', Anti-Torpedo Defence System 'Maareech', Computerised Pilot Selection System (CPSS) for Indian Air Force (IAF), Telemedicine System for Navy, Submarine Escape Suit (SES), etc. to name a few.

These systems are contemporary and DRDO products worth more than Rs. 2.75 lakh Cr have been inducted or are in the process of induction in the Services which have contributed immensely towards the development and upgradation of defence equipment in the country which in turn has led to the modernization of the Armed Forces.

(c) & d) Performance audit of DRDO labs is done on case-to-case basis by audit authorities in the last few years. Apart from this, DRDO has been audited by a number of committees in the recent past as listed below:

- **Kelkar committee** – suggestions pertaining to DRDO have been implemented
  - Inclusion of representatives of Council of Scientific and Industrial Research (CSIR) and Indian Space Research Organisation (ISRO) in Defence Research & Development Board
  - Review of DRDO by an independent committee

On the recommendations of Kelkar Committee, Rama Rao Committee was constituted in February, 2007 by the Government on matters related to DRDO. Suggestions under the purview of DRDO have been implemented.

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