

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

UNSTARRED QUESTION NO.2336  
TO BE ANSWERED ON THE 11<sup>TH</sup> MARCH, 2016

DEFENCE SYSTEM

2336. SHRI GOPAL SHETTY:

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

- (a) whether the Government proposes to give more emphasis on developing state of the art defence systems in the country;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government in this regard?

A N S W E R

MINISTER OF DEFENCE

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(SHRI MANOHAR PARRIKAR)

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**(a) & (b): Yes, Madam. The Government has always given emphasis on developing state-of-the-art defence systems in the country. Over the past couple of decades, Defence Research and Development Organisation (DRDO) has developed number of systems, a large number of which have already been productionised. The value of systems developed by DRDO and inducted into Services or in the process of induction stands at over Rs. 1,90,000 Crore. These include combat vehicles; missiles; multi-barrel rocket launcher; unmanned aerial vehicles; radars; electronic warfare systems; sonars; torpedos; bridging systems; combat aircraft; sensors; NBC technologies; parachutes; combat free fall systems; propellants and explosives; detonators; communication systems; armaments systems; cyber systems, etc. In the long run, these are helpful for achieving self-reliance in defence systems.**

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**(c) Following are some of the major steps taken to develop state-of-the-art defence systems in the country:**

**(i) 46 technology clusters laboratories of DRDO are involved in R&D activities on highly complex defence systems.**

**(ii) DRDO's products and systems are being developed with partnership of more than 1000 industries including Small and Medium Enterprises (SMEs). The excellent synergy in partnership between DRDO and industries has led to an enhanced defence industrial base in the country.**

**(iii) National collaborations with other S&T Organisations, like Department of Space (DoS), Department of Atomic Energy (DAE) and Council of Scientific and Industrial Research (CSIR) for common requirements and applications.**

**(iv) Setting up of specialized Centres of Technology in select academic institutions of repute.**

**(v) Imparting education through academic centres of excellence, Defence Institute of Advance Technology (DIAT), Pune with a view to strengthen national security and self-reliance.**

**(vi) DRDO has come out with the 2<sup>nd</sup> edition of Compendium of Industrial Partners titled 'DRDO Industry Partnership – Synergy & Growth'. The Compendium provides a guide about the core competencies of the industries that will go a long way in strengthening the Government's 'Make in India' initiative.**

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