

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

UNSTARRED QUESTION NO.597
TO BE ANSWERED ON 5th February, 2020

YOUNG SCIENTIST LABORATORIES

597. SHRIMATI KIRRON KHER:
SHRIMATI VANGA GEETHA VISWANATH:
SHRI KOTHA PRABHAKAR REDDY:

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

- (a) whether the Government propose to set up DRDO Young Scientist Laboratories and if so, the details thereof and the progress made in this regard;
- (b) the funds allocated to each of the five new DRDO Young Scientist Laboratories;
- (c) whether the Government proposes to set up more such laboratories to boost defence capabilities in the country, including in Chandigarh;
- (d) if so, the details thereof; and
- (e) the other steps taken by the Government to boost indigenous defence capabilities of the country?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

रक्षा राज्य मंत्री

(SHRI SHRIPAD NAIK)

(श्री श्रीपाद नाईक)

(a) As per directives of Government of India, Defence Research and Development Organisation (DRDO) has identified five niche technology areas and established the following Young Scientist Laboratories (YSLs) in year 2019:

- Artificial Intelligence (DYSL-AI), Bengaluru
- Quantum Technologies (DYSL-QT), Mumbai
- Cognitive Technologies (DYSL-CT), Chennai
- Asymmetric Technologies (DYSL-AT), Kolkata
- Smart Materials (DYSL-SM), Hyderabad

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The five labs were dedicated to the Nation by Hon'ble Prime Minister on 02 January, 2020.

(b) The initial sanction of Rs.5 crores were accorded to each of these five DYSLs. The same to be augmented as per the lab requirements.

(c) & (d): The five newly established labs have started functioning very recently. However, as suggested by Hon'ble PM during dedication of five DYSLs to the Nation on 02 January, 2020, DRDO will identify more such niche technology areas and will set up YSLs if required.

(e) DRDO is making all-out efforts towards indigenous R&D and technology capability building. India is self-reliant today in technology areas pertaining to Missiles, Radars, Sonars and Electronic Warfare(EW) and all the requirements in these areas can be met based on indigenous technologies. DRDO Synergies with Armed Forces, Industry & Academia for development of Technologies and systems based on National priorities. DRDO has also successfully developed major platforms like the indigenous Light Combat Aircraft; Main battle Tank Arjun; Multi-Barrel Rocket Launcher System Pinaka; Akash Weapon System etc. These systems after development are produced by Indian Industries for their induction by Armed Forces.
