

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE
LOK SABHA

UNSTARRED QUESTION NO.3471
TO BE ANSWERED ON THE 8TH AUGUST, 2018

ARTIFICIAL INTELLIGENCE

3471. SHRI M. CHANDRAKASI:

Will the Minister of DEFENCE be pleased to state:

- (a) the details of thrust areas identified for employing Artificial Intelligence in Armed Forces; and
- (b) the extent of use of drones in Armed Forces and feed back obtained on the same?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

(DR. SUBHASH BHAMRE)

रक्षा राज्य मंत्री

(डा. सुभाष भामरे)

(a) & (b): A statement is attached.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) & (b) OF LOK SABHA UNSTARRED QUESTION NO. 3471 FOR ANSWER ON 8.8.2018

(a) The thrust areas identified by the Task Force constituted by the Government to study the strategic implications of Artificial Intelligence (AI) in the perspective of national security and other related aspects and also identified by the Armed Forces for employing Artificial Intelligence to enhance future capabilities include:-

- (i) Object identifications and image classifications;**
- (ii) Network centric operations;**
- (iii) Predictive maintenance;**
- (iv) Sensor data and performance analysis;**
- (v) Intelligence & autonomous unmanned systems;**
- (vi) Data analysis, information processing, and intelligence analysis;**
- (vii) War gaming, simulation and training;**
- (viii) Defence, offence and Command Information Warfare;**
- (ix) Intelligence support to command decision making;**
- (x) War fighting capabilities;**
- (xi) Cyber Security Operations;**
- (xii) Autonomous underwater vehicle;**
- (xiii) Medical diagnostics;**
- (xiv) Multi-platform, multi-sensor data fusion etc.**

(b) Unarmed vehicles (UAVs) in the Armed Forces are being effectively used for surveillance, fleet support, battle damage assessment, coastal surveillance, search, rescue and disaster management etc. The performance of UAVs is satisfactory.
