

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:5412
ANSWERED ON:29.04.2013
ADVANCED COMPUTING SYSTEM
Shankar Alias Kushal Tiwari Shri Bhisma

Will the Minister of DEFENCE be pleased to state:

- (a) the present status of advanced computing system being developed by the Defence Research and Development Organisation (DRDO);
- (b) the details of application of the said system; and
- (c) the time by which the said system is likely to be made operational?

Answer

MINISTER OF DEFENCE (SHRI A.K. ANTONY)

- (a) Defence Research and Development Organisation (DRDO) has installed High Performance Computing (HPC) System for its strategic applications. The present computing system has a peak performance of 40 teraflops and the upcoming system is targeted to have a capacity of 300 teraflops.
- (b) The major applications of the HPC system include Computational Fluid Dynamics, Composite Material Design, Finite Element Modeling, Smart Materials, Cryptanalysis and also to solve complex mathematical problems.
- (c) The 300 teraflops of HPC system is likely to be operational by end of 2013.