

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:4364
ANSWERED ON:29.08.2011
ADVANCED COMPUTING SYSTEM
Gaddigoudar Shri P.C.;Reddy Shri K. Jayasurya Prakash

Will the Minister of DEFENCE be pleased to state:

- (a) the status of development of advanced computing systems being undertaken by Defence Research and Development Organisation (DRDO);
- (b) the use/application of the systems; and
- (c) the time by which the systems is likely to be developed?

Answer

MINISTER OF DEFENCE (SHRI A.K. ANTONY)

- (a) Defence Research and Development Organisation (DRDO) has undertaken upgradation of High Performance Computing (HPC) facility, CHITRA to provide sustained computing speed of 32 TeraFLOPS; and designing of advanced System-on-Chips (SOCs).
- (b) The facility of HPC, CHITRA will be used for computational fluid dynamic applications, structural analysis and material science simulations whereas, the SOC's will be used for wearable computer application.
- (c) The HPC facility, CHITRA is likely to be operational by December 2011 whereas, SOC's will be completed by June 2013.