

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:3111
ANSWERED ON:23.08.2006
SUPER COMPUTER FOR RESEARCH AND DEVELOPMENT
Rao Shri Kavuru Samba Siva

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

:-

- (a) Whether the Government has any action plan to ensure self sufficiency in indigenous production of super computers in the country;
- (b) If so, the details thereof; and
- (c) the number of super computers available and institutions operating them for research and development?

Answer

MINISTER OF STATE FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR.SHAKEEL AHMAD)

(a): Yes, Sir.

(b): Government of India, through Department of Information Technology, set up Centre for Development of Advanced Computing

(C-DAC) as a Scientific Society for Research and Development in the areas of Information and Communications Technology, including design, development and deployment of High Performance Computing. C-DAC has delivered PARAM series of indigenous supercomputers through its three missions. So far, C-DAC has more than 50 installations of these supercomputers in India and abroad. C-DAC is also working on the GARUDA grid computing initiative to give high-speed access to the Supercomputers to the participating institutions.

In addition, Defense Research and Development Organisation (DRDO) is also developing Supercomputers.

(c): A Number of Institutions are having supercomputers, of varying performance, in the country.

These include C-DAC; DRDO labs, Bhabha Atomic Research Centre, Mumbai; Institute of Genomics and Integrative Biology (IGIB), Delhi; Institute of Mathematical Science, Chennai; National Aeronautics Laboratory, Bangalore; University of Hyderabad, Hyderabad; Indian Institute of Science, Bangalore; Tata Institute of Fundamental Research, Mumbai; and National Centre for Medium Range Weather Forecasting, Noida.