

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA  
UNSTARRED QUESTION NO.3594  
TO BE ANSWERED ON 2/1/2019**

**NATIONAL SUPER COMPUTING MISSION**

**3594. DR. KAMBHAMPATI HARIBABU:**

**Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:**

- (a) whether the Government has conducted any study to assess the developments under the National Super Computing Mission in the last three years and if so, the details thereof;
- (b) the details of progress made by the Mission in establishing a network of more than 70 high performance computing facilities across research centres and academic institutions till date; and
- (c) whether the Government has plans to start research in the field of quantum computing and if so, the details thereof?

**ANSWER**

**MINISTER OF SCIENCE AND TECHNOLOGY, MINISTER OF EARTH SCIENCES AND  
MINISTER OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(DR. HARSH VARDHAN)**

**विज्ञान और प्रौद्योगिकी मंत्री, पृथ्वी विज्ञान मंत्री और पर्यावरण, वन एवं जलवायु परिवर्तन मंत्री**

**(डा. हर्ष वर्धन)**

- (a) No, Madam.
- (b) There are two approaches that were planned: "Build" & "Buy" approaches. Under "Build" approach in Phase-1 purchase order has been issued for 3 super computers. Currently technical evaluation is underway for the "Buy" systems.
- (c) Yes, Madam. The DST has developed a new directed research programme on "Quantum Information Science and Technology (QuST)" aimed at development and demonstration of quantum computers, quantum communication & cryptography, development of quantum-enhanced and inspired technology and development of advanced mathematical quantum techniques, algorithms and theory of quantum information systems.

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