

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2339
TO BE ANSWERED ON 05.08.2022

NATIONAL SUPERCOMPUTING MISSION

2339. SHRI JOSE K. MANI:

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

- (a) whether Government has any ongoing/upcoming projects to develop supercomputers under the National Supercomputing Mission;
- (b) if so, the details thereof; and
- (c) whether Government has any plans/proposals to develop a supercomputer in the State of Kerala under National Supercomputing Mission, if so, the details thereof?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a) and (b): Yes Sir, Government is implementing the National Supercomputing Mission (NSM) under Digital India Programme to develop supercomputers through the Centre for Development of Advanced Computing (C-DAC).

Supercomputing capacities are being created at multiple facilities in various academic and Research & Development (R&D) institutes across the country.

Till date, 18 Supercomputers have been developed and commissioned under National Supercomputing Mission Phase-I & Phase-II at various Academic and R&D institutes in the country with total capacity of 24 Peta Flops (PF) (List attached at Annexure-I).

In all the established facilities, 40% capacity of each of the systems is reserved for external institutes all across the country, while remaining 60% of capacity is available to the host institute. Also, National facilities at C-DAC are open for use to any academic or R&D user in the country. The same can be availed by users from academic and R&D institutes across the country.

(c): Under National Supercomputing Mission, a centre at IIT Pallakad is established and a dedicated 50 Tera Flops (TF) Supercomputing system (PARAM Vidya) is established. The same is being used by academic and R&D institutes in the State of Kerala including IISER Thiruvananthapuram and Cochin University of Science and Technology.

Supercomputers deployed under NSM Phase-1 & Phase-II

S.No.	Institution	System Name
1.	IIT(BHU), Varanasi	PARAM Shivay
2.	IISER, Pune	PARAM Brahma
3.	IIT, Kharagpur	PARAM Shakti
4.	JNCASR, Bangalore	PARAM Yukti
5.	IIT, Kanpur	PARAM Sanganak
6.	C-DAC, Pune	PARAM Siddhi
7.	IIT, Hyderabad	PARAM Seva
8.	NABI, Mohali	PARAM Smriti
9.	IISc, Bangalore	PARAM Pravega
10.	C-DAC, Bangalore	PARAM Utkarsh
11.	IIT, Roorkee	PARAM Ganga
12.	IIT, Gandhinagar	PARAM Ananta
13.	NIT, Trichy	PARAM Porul
14.	IIT, Guwahati	PARAM Kamrupa
15.	IIT, Mandi	PARAM Himalaya
16.	SETS, Chennai	PARAM Spoorti
17.	IIT, Goa	PARAM Vidya1
18.	IIT, Pallakad	PARAM Vidya2

