

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY**

**LOK SABHA
UNSTARRED QUESTION NO. 4565
TO BE ANSWERED ON 30.03.2022**

Genome Testing Project

4565. SHRIMATI RAJASHREE MALLICK:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री

be pleased to state:

- (a) whether the Department of Biotechnology is proposing to launch world's biggest genome testing project in the country and if so, the details thereof;
- (b) the strategy in place to successfully implement the genome testing programme across the country, including the state of Odisha; and
- (c) whether establishments/institutions of private sector are also proposed to be included for genome testing and if so, the details thereof?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF SCIENCE AND TECHNOLOGY AND
EARTH SCIENCES**

(DR. JITENDRA SINGH)

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान के राज्य मंत्री (स्वतंत्र प्रभार)

(डॉ. जितेन्द्र सिंह)

(a) & (b) No Madam, no genome testing project is proposed in the country. The Department of Biotechnology however has launched the 'GenomeIndia: Cataloguing the Genetic Variations in Indians' project on 16.01.2020 for a period of 3 years involving 20 institutions from varied disciplines across the country, for whole genome sequencing and subsequent data analysis of targeted 10,000 individuals representing the country's diverse population. The proposed target of Whole Genome Sequencing (WGS) is to execute for total 10000 individuals in 3 years.

(c) The project is being implemented through public institutions.
