

GOVERNMENT OF INDIA
MINISTRY OF CULTURE
LOK SABHA
UNSTARRED QUESTION NO. 6
TO BE ANSWERED ON 18th JULY, 2022

GENETIC HISTORY OF TRIBALS

6. MS CHANDRANI MURMU:
SHRI MAHESH SAHOO:

Will the Minister of CULTURE be pleased to state :

- (a) whether it is a fact that the Ministry of Culture has allocated a special grant to conduct a survey related to the genetic history of tribals;
- (b) if so, the reasons behind such survey;
- (c) the total grant for the survey and the time frame for its completion; and
- (d) the number of tribal communities which have been identified for the survey?

ANSWER

MINISTER OF CULTURE, TOURISM AND DEVELOPMENT OF NORTH EASTERN REGION

(SHRI G. KISHAN REDDY)

(a) to (d) : Ministry of Culture has not allocated any special grant to conduct a survey related to the genetic history of tribals. However, Anthropological Survey of India (AnSI), a subordinate office under the Ministry of Culture, has undertaken a national project “Deoxyribonucleic Acid (DNA) Polymorphism of Contemporary Indian Populations” with the following objectives:

- (i) To understand the genomic variation of Indian population.
- (ii) To reconstruct evolutionary history of human using molecular evidences.
- (iii) To generate DNA database of Indian tribal populations,
- (iv) To trace the migratory history of Indian population through mtDNA and Y-chromosome haplogroups.
- (v) To know the candidate gene association with various diseases.

The DNA sequencing of complete mitochondrial DNA (13469 base pairs) and Non recombination Y-chromosome (NRY) region for 75 tribal communities have been identified, completed and research results published.
