

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 2820
TO BE ANSWERED ON 20/12/2023**

Lack of Trained Manpower

2820. SHRIMATI CHINTA ANURADHA:

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

- (a) whether the Government realised that there exists a lack of trained manpower to support the Research and Development activities in the country;
- (b) if so, the details thereof; and
- (c) the corrective measures being taken by the Government to enhance the manpower availability in this regard?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) FOR THE
MINISTRY OF SCIENCE AND TECHNOLOGY
(DR. JITENDRA SINGH)**

विज्ञान और प्रौद्योगिकी मंत्रालय के राज्यमंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) & (b) No Sir, as per latest available R&D Statistics, the trained manpower, in terms of Full Time Equivalent (FTE) researchers including scientific & technical manpower to support research and development activities follows an increasing trend. The details are as under:

Year	2010	2015	2020
Total Manpower (Researchers + Scientific & Technical)	3,17,007	4,08,178	4,57,050

Source: DST, Research & Development Statistics, 2022-23

(c) The Government has been making sincere efforts to further enhance the manpower strength in research and development through implementation of diverse fellowship schemes which include: INSPIRE fellowship, Science and Engineering Research Board- National Post-Doctoral Fellowship (NPDF), Prime Minister's research fellowship, Women in Science and Engineering (WISE)-PhD, WISE-Post-Doctoral Fellowship (PDF), Ramanujan Fellowship, through Department of Science and Technology (DST); Department of Biotechnology - Junior Research Fellowship; and CSIR-UGC Junior Research Fellowship etc.
