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)

(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:

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2015</th>
<th>2020</th>
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</thead>
<tbody>
<tr>
<td>Total Manpower (Researchers + Scientific &amp; Technical)</td>
<td>3,17,007</td>
<td>4,08,178</td>
<td>4,57,050</td>
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</tbody>
</table>

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.

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