

**GOVERNMENT OF INDIA**  
**MINISTRY OF SCIENCE AND TECHNOLOGY**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**LOK SABHA**  
**UNSTARRED QUESTION No. 891**  
**ANSWERED ON 07/02/2024**  
**Centrally Sponsored Schemes**

**891. DR. G. RANJITH REDDY:**

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

- (a) the details of the Centrally Sponsored Schemes and Central Sector Schemes being implemented by the Government in the State of Telangana during the last five years and the current year, year-wise, scheme-wise and district-wise;
- (b) the details of the funds allocated, sanctioned, released and utilized for each of the above scheme during the last five years and the current year, year-wise, scheme-wise and district-wise;
- (c) the details of the physical targets set and achieved while implementing above schemes during the last five years and the current year, year-wise, scheme-wise and district-wise;
- (d) whether the Government found any shortcomings while implementing above schemes and if so, the manner in which the Government fixed those shortcomings;
- (e) Whether there is time and cost overrun of any of the above scheme; and
- (f) if so, the details thereof and if not, the reasons therefor?

**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) The schemes of the Ministry of Science and Technology, Government of India (GoI) are Central Sector Schemes and the Ministry does not implement the Centrally Sponsored Schemes. The Ministry is implementing several Central Sector Schemes on Science and Technology (S&T) on PAN India basis through three main departments of the Ministry namely the Department of Science and Technology (DST), the Department of Biotechnology (DBT) and the Department

**of Scientific and Industrial Research (DSIR)/ Council of Scientific and Industrial Research (CSIR).**

**DST plays a pivotal role in promotion of S&T in the country. The programmes of DST are being implemented under the following umbrella schemes:**

- i. S&T Institutional & Human Capacity Building**
- ii. Research and Development**
- iii. Innovation, Technology Development and Deployment**
- iv. National Mission on Interdisciplinary Cyber-Physical Systems**

**DBT is implementing two Central Sector Schemes namely ‘Biotechnology R&D’ scheme, and ‘Industrial & Entrepreneurial Development’ at pan-India level including Telangana.**

**DSIR is implementing Industrial Research and Development (IRD) schemes namely Promoting Innovations in Individuals, Start-ups and MSMEs (PRISM), Patent Acquisition and Collaborative Research & Technology Development (PACE), Building Industrial R&D and Common Research Facilities (BIRD-crf) and Access to Knowledge for Technology Development and Dissemination (A2K+).**

**(b) to (c): The details of funds sanctioned, released, and utilized under the aforementioned schemes in the State of Telangana, as well as the physical targets set and achieved during the last five years and the current year are provided in the below table:**

| <b>Name of Umbrella Scheme</b>                                 | <b>Funds sanctioned/released/utilised (In INR Crores)</b> |                   |                   |                   |                   |                   | <b>Physical target sets and achieved</b>  |
|--|---|-------------------|-------------------|-------------------|-------------------|-------------------|---|
|  | <b>FY 2018-19</b>   | <b>FY 2019-20</b> | <b>FY 2020-21</b> | <b>FY 2021-22</b> | <b>FY 2022-23</b> | <b>FY 2023-24</b> |   |
| <b>A. Department of Science and Technology</b>                 |   |                   |                   |                   |                   |                   |   |
| <b>i. Research &amp; Development</b>                           | <b>41.49</b>  | <b>52.77</b>      | <b>41.35</b>      | <b>33.85</b>      | <b>24.67</b>      | <b>29.15</b>      | <b>Physical targets achieved as per the Output Outcome Monitoring Framework</b> |
| <b>ii. S&amp;T Institutional &amp; Human Capacity Building</b> | <b>6.95</b>   | <b>4.88</b>       | <b>4.43</b>       | <b>4.30</b>       | <b>2.63</b>       | <b>2.72</b>       |   |

|   |               |               |               |               |               |               |  |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--|
| <b>iii. Innovation Technology Development and Deployment</b>                | <b>84.68</b>  | <b>52.69</b>  | <b>40.97</b>  | <b>42.1</b>   | <b>38.44</b>  | <b>31.60</b>  | <b>(OOMF) of NITI Aayog (Link: <a href="https://dmeo.gov.in/index.php/output-outcome-framework">https://dmeo.gov.in/index.php/output-outcome-framework</a>)</b>  |
| <b>iv. National Mission on Interdisciplinary Cyber-Physical Systems</b>     | <b>0.0</b>    | <b>0.05</b>   | <b>26</b>     | <b>0.0</b>    | <b>37.38</b>  | <b>55.70</b>  |  |
| <b>Total (A)</b>  | <b>133.12</b> | <b>110.39</b> | <b>112.75</b> | <b>80.5</b>   | <b>103.12</b> | <b>119.17</b> |  |
| <b>B. Department of Biotechnology</b>                                       |               |               |               |               |               |               |  |
| <b>i. Biotechnology Research &amp; Development</b>                          | <b>50.02</b>  | <b>104.65</b> | <b>44.83</b>  | <b>94.24</b>  | <b>7.02</b>   | <b>9.54</b>   | <b>Physical targets achieved as per the Output Outcome Monitoring Framework (OOMF) of NITI Aayog (Link: <a href="https://dmeo.gov.in/index.php/output-outcome-framework">https://dmeo.gov.in/index.php/output-outcome-framework</a>)</b> |
| <b>ii. Industrial &amp; Entrepreneurship Development</b>                    | <b>0.38</b>   | <b>0.0</b>    | <b>26.50</b>  | <b>134.81</b> | <b>121.05</b> | <b>52.21</b>  |  |
| <b>Total (B)</b>  | <b>50.4</b>   | <b>104.65</b> | <b>71.33</b>  | <b>229.05</b> | <b>128.07</b> | <b>61.75</b>  |  |
| <b>C. Department of Scientific and Industrial Research</b>                  |               |               |               |               |               |               |  |
| <b>i. Promoting Innovations in Individuals, Start-ups and MSMEs (PRISM)</b> | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    | <b>0.38</b>   | <b>0.0</b>    | <b>Physical targets achieved as per the Output Outcome Monitoring Framework (OOMF) of NITI Aayog (Link: <a href="https://dmeo.gov.in/index.php/output-outcome-framework">https://dmeo.gov.in/index.php/output-outcome-framework</a>)</b> |
| <b>ii. Patent Acquisition and Collaborative Research &amp;</b>              | <b>0.32</b>   | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    |  |

| <b>Technology Development (PACE)</b>  |               |               |               |               |               |               | <b>gov.in/index.php/output-outcome-framework)</b> |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---|
| <b>iii. Access to Knowledge for Technology Development and Dissemination (A2K+)</b> | <b>0.0</b>    | <b>0.0</b>    | <b>0.0</b>    | <b>0.21</b>   | <b>0.01</b>   | <b>0.07</b>   |   |
| <b>Total (C)</b>  | <b>0.32</b>   | <b>0.0</b>    | <b>0.0</b>    | <b>0.21</b>   | <b>0.39</b>   | <b>0.07</b>   |   |
| <b>Grand Total (A+B+C)</b>  | <b>183.82</b> | <b>215.04</b> | <b>184.08</b> | <b>309.51</b> | <b>231.58</b> | <b>180.99</b> |   |

**(d) The Government has not found any major shortcomings while implementing above schemes. The schemes implemented by the Ministry of Science and Technology, GoI are monitored periodically through Evaluation & Monitoring framework containing indicators to evaluate outcomes.**

**(e) to (f): The above-mentioned schemes implemented by the Ministry of Science and Technology, GoI, are ongoing schemes, and as on date, there is no time and cost overrun.**

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