

**GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
DEPARTMENT OF SCIENCE AND TECHNOLOGY  
LOK SABHA**

**UNSTARRED QUESTION No. 3667  
TO BE ANSWERED ON 22.3.2023**

**PERCENTAGE OF GDP INVESTED ON R&D**

**3667. SHRI COSME FRANCISCO CAITANO SARDINHA:**

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

- (a) the details of the percentage of GDP invested on Research and Development (R&D) activities in India in the last five years;
- (b) whether the Government has set some target levels of expenditure with regards to R&D, if so, the details thereof; and
- (c) the details of the steps and policies the Government is implementing to increase R&D outlook in the country to create a competitive R&D ecosystem?

**ANSWER**

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

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)  
(डॉ. जितेंद्र सिंह)

- (a) The percentage of GDP invested on Research and Development (R&D) has been around 0.7 percent during the last five years. However, in absolute terms, the Gross Expenditure in Research and Development (GERD) has been continuously increasing over the years. There has been nearly a three times increase in GERD during last 10 years.
- (b) As such there is no target level set by the Government for R&D expenditure. However, the government has been making concerted efforts to increase GERD over the years.
- (c) The government has taken up several steps to increase R&D spending in the country. Some of the key efforts made by Government include: the successive increase in plan allocations for Scientific Departments, incentivizing investment by private sector to increase their share in GERD, introducing flexible tools for public procurement; creating avenues for collaborative STI funding through portfolio-based funding mechanisms such as Public-Private-Partnerships and other innovative hybrid funding mechanisms. The Government has allowed corporate sector to make R&D investments under the provision of Corporate Social Responsibility (CSR). Corporates can invest in technology business incubators or contribute in research efforts carried out by institutions and national research laboratories as a part of their CSR. There are specific investment incentives offered such as Location-based tax incentives that enables 100% deductions of profits generated from establishing and doing business in northeastern states of India.

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