

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 2835
TO BE ANSWERED ON 15/12/2021
DECLINE IN GROSS EXPENDITURE ON R&D**

2835. SHRI POCHA BRAHMANANDA REDDY:

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

- (a) whether the Government is aware of the concerning stagnation and decline in Gross Expenditure on Research and Development (R&D) as a percentage of GDP; and
- (b) if so, the steps undertaken by the Government to promote private sector investment in Research and Development and enhance Gross Expenditure on R&D as a percentage of GDP?

ANSWER

**MINISTER OF STATE (INDEPENDENT CHARGE) OF 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) Yes Sir, the Gross Expenditure on R&D (GERD) as a percentage of GDP is hovering around 0.7 for last 5 years. However, in absolute terms, GERD has been consistently increasing over the years and has increased by 3 times during the last 10 years.
- (b) The government has been making concerted efforts to enhance the GERD as a percentage of GDP. Several steps have been taken to attract the private sector to invest in R&D such as incentivizing the private sector's R&D participation by improving the ease of doing business in the STI activities; 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.
