

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

UNSTARRED QUESTION NO:1061
ANSWERED ON:03.03.2010
SCIENTIFIC AND INDUSTRIAL RESEARCH
Maadam Shri Vikrambhai Arjanbhai

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether industrial development in the country is affected as a result of slow progress in research and development;
- (b) if so, the details thereof and the action taken by the Government in this regard;
- (c) the budgetary allocation made by the Government for scientific and industrial research and development in the country during Tenth and Eleventh Five Years Plans;
- (d) whether the Government proposes to allocate any adhoc fund for upgradation of basic research and development programmes; and
- (e) if so, the details thereof?

Answer

MINISTER OF THE STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES (PRITHVIRAJ CHAVAN)

(a)&(b) The rate of industrial development in India has been very good over the last 5 years. The index of industrial production has gone up to 275.4 in 2008-09 as compared to 189 in 2003-04, i.e. it has recorded a compounded annual growth rate of 7.82%. However, to further enhance the research and development activity in the country, following measures have been taken:

i. Fostering of linkages between industry and R&D institutions and direct funding of industry for innovative R&D projects through schemes such as, New Millennium Indian Technology Leadership Initiative (NMITLI), Small Business Innovation Research Initiative (SBIRI), Technology Development and Demonstration Programme (TDDP), Pharmaceutical Research and Development Support Fund, Technology Development Board (TDB) etc.;

ii. Substantial increase in budgetary allocation for R&D;

iii. Liberal tax breaks to industry for undertaking research, viz. weighted tax deduction for expenditure incurred on R&D;

iv. Funding universities and R&D institutions for up-gradation of scientific equipment and infrastructure facilities;

v. Increasing the number of junior research fellows (JRFs) and senior research fellows (SRFs);

vi. Attracting more talent to S&T stream through INSPIRE scheme;

(c) The budgetary allocation made by the Government for the six scientific departments during the Tenth and Eleventh Five Year Plans have been as follows:

Rs. In Crore

S.No. Department X Plan Allocation XI Plan Allocation

1. Science & Technology (DST) 3,400 11,028

2. Scientific & Industrial Research (DSIR) 2,575 9,000

3. Bio-technology (DBT) 1,450 6,389

4. Earth Sciences (M/o ES) 1,125 7,004

5. Atomic Energy 3,501.35 11,000

6. Space 13,250 30,883

Total 25,301.35 75,304

(d) No, Sir.

(e) Does not arise.