

Country	2006	2007	2008	2009
USA ^d	2.62	2.69	2.82	2.88
Japan ^a	3.40	3.44	3.44	3.33 ^d

Source: a. UNESCO Science Report, 2010

b. OECD, Main Science and Technology Indicators, 2011

c. Research and Development Statistics, 2009 DST (Gol)

d. NSF, Science and Engineering indicators 2012

Note: NA - Not Available; * - Estimated

Funds for Research and Development

1382. SHRI T.M. SELVAGANAPATHI: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether it is a fact the Government had decided to enhance the spending on Research and Development to a respectable level;

(b) whether it is also a fact that India has, so far, been spending very less on R and D as compared to other developing nations; and

(c) whether due to global competitiveness it has become necessary to upgrade the R and D technology?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI ASHWANI KUMAR): (a) Yes, Sir. The Government has decided to enhance the spending on Research and Development (R and D) as percentage of GDP to 2% by the end of Twelfth plan period from the current level of about 0.9%.

(b) No, Sir. According to the UNESCO Science Report 2010, the expenditure on R and D as percentage of Gross Domestic Product (GDP) in India is about 0.9 %. Public expenditure on R and D as percentage of GDP in most countries is in the range of 0.7 - 1.0 % which is similar to the public investment in India. However, the private investment on R and D as percentage of GDP in India is 0.23 % which has not kept pace with the developed countries including China where it is 1.05%.

(c) Yes, Sir.

Science and Technology Centres

1383. DR. T. SUBBARAMI REDDY: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether Government proposes to establish more Science and Technology Centres in the country, especially in Andhra Pradesh;

(b) if so, the details thereof;

(c) the locations identified for this purpose; and

(d) by when these centres are likely to be established?