GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2322
ANSWERED ON:10.03.2011
RESEARCH AND DEVELOPMENT
Agarwal Shri Jai Prakash

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

(a) the ranking of India in the field of scientific research and development in the world;

(b) the number of applications submitted to patent the new inventions made by the Indian Scientists and other developed and developing countries during the last five years; and

(c) the steps taken by the Government to check this slow progress in the field of research and development in the country?

Answer

MINISTER OF STATE IN THE MINISTRY OF PLANNING; MINISTER OF STATE IN THE MINISTRY OF PARLIAMENT AFFAIRS; MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES(ASHWANI KUMAR)

(a) India's position globally in the field of scientific research and development, as measured by the number of research papers published, has improved from 13th position in 1996 to 12th position in 2001 and 10th position in 2006 and further to 9th position in 2010 as per the Scopus International database.

(b) The number of applications submitted to patent new inventions made by scientists from India and other developed and developing countries received at Indian Patent Office during the last five years is as follows:-

Applications	2005-06	2006-07	2007-08	2008-09	2009-10
Indian	4521	5314	6040	6161	7262
Foreign	19984	23626	29178	30651	27025
Total	24505	28940	35218	36812	34287

Source: Office of the Controller General Patents, Designs and Trademarks.

Note: Foreigners Resident Abroad include broadly the residents of Common Wealth countries, American, European, African and Asian countries.

(c) The Government has taken various measures for the promotion and growth of scientific research in the country. These measures include, successive increase in plan allocations for Scientific Departments, setting up of new institutions for science education and research, creation of centres of excellence and facilities in emerging and frontline areas in academic and national institutes, induction of new and attractive fellowships such as Innovation in Science Pursuit for Inspired Research (INSPIRE), strengthening infrastructure for Research and Development (R&D) in universities, encouraging public-private R&D partnerships, national awards for outstanding R&D for firms etc.