

**Lack of environment for good research**

421. DR. PRABHAKAR KORE : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether it is a fact that India has fewer researchers among working people than countries such as Kenya and Chile;
- (b) if so, how many fulltime researchers are there in the country;
- (c) whether there is an overall lack of environment for good research which pushes people to go out of the country; and
- (d) the steps taken by Government to create an environment for good research to stop brain drain and the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI.Y. S. CHOWDARY) : (a) and (b) Yes Sir. As per the latest UNESCO statistics, India has 4 researchers per 10,000 working people as compared to 6 in Kenya and 7 in Chile. However, in absolute terms, India is far ahead with 1,92,819 researchers while Kenya has 9,305 and Chile has 5,440 researchers only.

(c) and (d) India has a favourable environment for pursuing world class research with institutions such as IITs, ISERs and IISc having high-end R&D infrastructure and facilities and a vast network of national laboratories and universities. This has largely been possible by the number of steps taken by the government to create and promote good scientific research in the country including arrest of brain drain. These include launching of STI Policy 2013, setting up of new institutions for science education and research, creation of centres of excellence for research and state of the art facilities in emerging and frontline S&T areas in academic and national institutes, strengthening infrastructure for Research and Development (R&D) in universities, establishment of new and attractive fellowships for both national and overseas researchers and scientists, substantial grant to scientists and researchers through Extramural Research Funding Schemes, start-up grants for young scientists, attractive pay package to scientists as per 6th Pay Commission, recent substantial revision of fellowships for research scholars, encouraging public-private R&D partnerships, recognition of R&D units and fiscal incentives and support measures for R&D in industries etc.

**Resource crunch in S&T Labs**

422. SHRI AHMED PATEL : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether it is a fact that Science and Technology (S&T) labs are facing serious resource crunch in our country;