

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

UNSTARRED QUESTION NO:5665
ANSWERED ON:10.05.2012
INCENTIVE SYSTEM FOR YOUNG SCIENTISTS
Jawale Shri Haribhau Madhav;Tandon Annu

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

- (a) whether there is any urgent need to attract youngsters to join science and technology stream in order to counter the rapid studies of China and other developing countries and to promote high quality research to secure country's future;
- (b) if so, whether the Government is considering an incentive system for young scientists from premier Science and Technology educational institutions to join the Government Departments;
- (c) if so, the details thereof;
- (d) whether the Government is considering scholarships and bonds for young scholars and scientists in the Government Departments; and
- (e) if so, the details thereof?

Answer

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

(a) Yes, Madam. The Government is aware of need to attract bright youngsters to join science and technology streams and undertake quality research and development. It has launched a scheme "INSPIRE" (Innovation in Science Pursuit for Inspired Research) during the 11th Plan period with an objective of attracting talent amongst students to study science and pursue career in research. The Government also has several schemes aimed at encouraging young researchers. These are in the form of awarding Research and Development (R&D) projects and Research Fellowships. Some of them are Fast Track Scheme for Young Scientists; Young Scientist Award given by CSIR and INSA; Rapid Grants for Young Investigators (RGYI); Innovative Young Biotechnologists Award; Opportunities for Young Scientists for specialized training abroad; INAE Young Engineers Award; National Woman Bioscience Award; Scholarship for Higher Education (SHE) and INSPIRE Research Professorship; Fellowships awarded under Nano Science & Technology Mission; Swarnajayanti Fellowships Award etc. In addition, the Government is offering large number of doctoral and post doctoral fellowships to young researchers.

(b) to (e): The Science and Technology (S&T) Departments working in strategic sectors like Defence Research & Development Organisation, Bhabha Atomic Research Centre & Indian Space Research Organisation provide some incentives to scientists/ engineers in the form of additional increments at the time of joining, variable increments at the time of promotion, professional update allowance and performance related incentive to attract youngsters to join the respective Organisation/ Departments. They also provide scholarships to young scientists for pursuing higher degrees/ Doctorates on execution of a bond for serving the Department for 2-3 years.