

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

UNSTARRED QUESTION NO:3947  
ANSWERED ON:17.12.2014  
INCENTIVES TO ENCOURAGE SCIENTISTS  
Tanwar Shri Kanwar Singh

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

- (a) whether the Government has formulated any incentive scheme to encourage scientists for undertaking scientific research in various fields including space;
- (b) if so, the details thereof;
- (c) whether the Government has reviewed the promotional grievances and pay scales related demands of Indian scientists from time to time; and
- (d) if so, the details thereof and if not, the reasons therefor?

**Answer**

MINISTER FOR SCIENCE AND TECHNOLOGY AND MINISTER FOR EARTH SCIENCES (DR. HARSH VARDHAN)

(a) & (b): Government has several incentive schemes to encourage scientists for undertaking scientific research in various fields including space. The JC Bose Fellowship, Swarnajayanti Fellowship, Young Scientist Project Award, Women Scientist Scheme, National Women Bio-scientists Awards etc. have been designed to encourage individual scientists to do quality research. Council of Scientific and Industrial Research (CSIR) provides performance linked incentives to the awardees of Shanti Swarup Bhatnagar Prize. Some other incentive systems are: Sharing of proceeds with scientists from contractual Research and Development (R&D); as well as consultancy, premia and royalty received from the transfer of technology. The human resource development policy of Department of Space ensures rewards and incentives, sabbatical opportunities and capacity creation in academia through sponsored research so that the critical mass required for space research and development is retained in the country. Recently, the fellowships of Junior / Senior Research Fellows (JRF/SRF) and Research Associates (RA) have been enhanced substantially to the tune of 55 – 67% to attract more students to enroll themselves in research career.

(c) & (d): The promotional grievances and pay scales related demands of Indian scientists are reviewed periodically by mechanisms like Pay Commission which is constituted by the Government from time to time. The Government has already appointed the Seventh Central Pay Commission to evolve framework for emolument structures including pay allowances and other benefits. In addition, Departments/ R&D / academic institutions have internal mechanisms to review and address promotional grievances of scientists working in regular / sponsored projects.