

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:1612
ANSWERED ON:03.12.2014
SHORTAGE OF MANPOWER IN ISRO
Pal Shri Jagdambika

Will the Minister of SPACE be pleased to state:

- (a) whether Indian Space Research Organisation (ISRO) is facing shortage of engineers/ scientists/physicists;
- (b) if so, the details thereof and the measures taken/proposed to be taken by the Government to address the issue; and
- (c) the details of the initiatives taken/ proposed to be taken by the Government to promote space science amongst the youth in the country?

Answer

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

- (a) No, Madam. ISRO is not facing shortage of engineers/scientists/physicists to fill up the sanctioned posts.
- (b) Does not arise.
- (c) As a part of the long term capacity build up strategies for developing high quality human resources in Space Science area, the Department of Space / ISRO has initiated the following pro-active measures in encouraging Indian youth to take up Space Science as their career:
 - i. Introduced fellowship schemes for post graduate students pursuing space science and atmospheric research in eight Universities in the Country;
 - ii. One time financial grant to set up Space Science laboratories in select eight Universities in the Country;
 - iii. Introduction of research fellowship to enable scientists from universities and other academic and research institutions to visit and conduct research work at national laboratories, academic/research institutions;
 - iv. Established Joint Astronomy Programme with participation of other research laboratories and an academic institution in organising research in astronomy area leading to award of Ph.D degree to young research students;
 - v. Developed customized academic programme in Space Science area both at Undergraduate and Graduate level at the Indian Institute of Space Science and Technology;
 - vi. Provides excellent research opportunity in Physical Research Laboratory (PRL) for young scientists to take up research in Space Science area leading to award of Ph.D degree in space science and atmospheric research areas through an academic institution.