

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:3457
ANSWERED ON:24.08.2011
PHYSICAL RESEARCH LABORATORY
Meghwal Shri Arjun Ram

Will the Minister of SPACE be pleased to state:

- (a) the places where Physical Research Laboratories are located in the country;
- (b) the details of the facilities and infrastructure that are required and available in these laboratories; and
- (c) the facilities proposed to be made available in these laboratories in the coming years?

Answer

MINISTER OF STATE IN THE MINISTRY PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE(SHRI V. NARAYANASAMY):

- (a) Physical Research Laboratory (PRL), an autonomous unit of Department of Space, is located at Ahmedabad, Gujarat. PRL has three other campuses situated at Thaltej (near Ahmedabad), Mt. Abu (Rajasthan) and Udaipur (Rajasthan).
- (b) PRL is carrying out basic research in the fields of Astronomy, Solar Physics, Planetary Sciences and exploration, Space and Atmospheric Sciences, Geosciences and Theoretical Physics. For research work, PRL requires facilities and infrastructure in the form of observatory telescopes (such as infrared observatory, solar telescope, etc.), sophisticated measurement and analysis instruments (such as spectrometers, photometers, multi-channel recorders, radiometers, etc.) and computational aids. Based on the programmatic requirements, these facilities and infrastructure have been made available at PRL.
- (c) The Major facilities proposed to be made available at PRL in the coming years include a larger size telescope at Mt. Abu; an accelerator mass spectrometer (Ahmedabad); a high end cluster-computing system, advanced scientific instruments and infrastructure facilities.