

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

STARRED QUESTION NO:149
ANSWERED ON:02.08.2006
COMMERCIALISATION OF SPACE TECHNOLOGIES
Singh Shri Sugrib

Will the Minister of SPACE be pleased to state:

- (a) whether the new technologies developed under the space programme have been licensed to industries for commercialisation;
- (b) if so, the details in this regard;
- (c) the manner in which various industries have been benefited by such commercialisation; and
- (d) the details of patent portfolios with the Department at present?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

- (a) Yes, Sir.
- (b) Till date 275 technologies comprising of mechanical, optics, chemicals and other areas have been transferred to industries in 132 small scale, 17 medium scale and 31 large scale sectors.
- (c) Industries have benefited through their active involvement in the development of hardware based on technologies transferred from space programme. This association has also enabled many industries to upgrade their technological skills.
- (d) The Department's patent portfolio consists of 68 patents that have been granted. Further, applications for 179 patents have been filed and are awaiting grant.