

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:905
ANSWERED ON:03.03.2010
MISSION TO EXPLORE MINERALS ON MOON
Ahir Shri Hansraj Gangaram

Will the Minister of SPACE be pleased to state:

- (a) whether Indian Space and Research Organisation (ISRO) has launched a mission to explore minerals on moon with the help of a satellite;
- (b) if so, the details thereof;
- (c) whether the Government has provided required funds for this ambitious project; and
- (d) if so, the details thereof ?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PRIME MINISTER'S OFFICE, MINISTRY OF THE STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS, MINISTRY OF THE STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS , MINISTRY OF THE STATE IN THE MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTRY OF THE STATE IN THE MINISTRY OF EARTH SCIENCES (SHRI PRITHVIRAJ CHAVAN):

- (a) Yes, Sir. Indian Space Research Organisation (ISRO) has launched Chandrayaan-I on October 22, 2008, which carried scientific instruments to conduct mineralogical mapping of the Moon's surface.
- (b) Chandrayaan-I carried eleven scientific payloads. Out of these, the following three payloads had the primary objective of conducting mineralogical mapping of the lunar surface.
 - # Hyper Spectral Imager (HySI) from India
 - # Near-Infra Red Spectrometer (SIR-2) through European Space Agency (ESA)
 - # Moon Mineralogy Mapper (M3) through National Aeronautics and Space Administration (NASA)
- (c) Yes, Sir.
- (d) The total sanctioned cost for Chandrayaan-I project was Rs. 386 Crores, which included development of Chandrayaan-I spacecraft, PSLV launch cost, establishment of Deep Space Network and other infrastructural facilities.