GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:4392
ANSWERED ON:21.12.2011
SATELLITES BY STUDENTS
Jindal Shri Naveen

Will the Minister of SPACE be pleased to state:

(a) whether Indian Space Research Organisation (ISRO) has recently launched nano-satellites built by Indian students;

(b) if so, the details thereof during the last three years and the current year;

(c) whether the Government has taken/proposes to take steps to facilitate the involvement of highly talented Indian students in space technology including research and development;and

(d) if so, the details thereof?

Answer

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

(a) Yes, Sir.

(b) During the last three years 2009- 2011, Indian Space Research Organization (ISRO) has launched 3 nano satellites built by the students of the Indian universities. These satellites were built under the guidance and support of (ISRO) and were launched using Indian Polar Satellite Launch Vehicle (PSLV).

Satellite Name	Built by University/ College	Mass (kg)	Launch
STUDSAT	Consortium of 7 engineering colleges from Bangalore & Hyderabad	1	12-07-2010
SRMSAT	SRM University, Chennai	11	12-10-2011
JUGNU	IIT, Kanpur	3	12-10-2011

(c) Yes, Sir.

(d) Indian Space Research Organisation (ISRO) has evolved a mechanism wherein Indian universities and educational institutions can take up the development of micro and nano satellites under the technical guidance and support of ISRO. This is enabled through Memorandum of Understanding (MoU) entered into between ISRO and the academic institutions. In addition, under an ISRO's Sponsored Research Programme (RESPOND), support is extended to Indian academic institutions to encourage quality research and development activities related to space science, space technology and space applications.