

**GOVERNMENT OF INDIA  
HUMAN RESOURCE DEVELOPMENT  
LOK SABHA**

UNSTARRED QUESTION NO:4901  
ANSWERED ON:13.08.2014  
SHORTAGE OF LABORATORIES  
Saraswati Shri Sumedhanand

**Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:**

- (a) whether there is a huge shortage of maths/science laboratories in the institutes/schools including those of Kendriya Vidyalaya Sangathan;
- (b) if so, the details thereof;
- (c) whether any proposal to set up these laboratories in institutes/schools on the lines of foreign educational institutes is under the consideration of the Government and if so, the details thereof;
- (d) whether the Government has conducted any study with a view to promote mathematics including vedic mathematics in schools; and
- (e) if so, the details and the outcome thereof?

**Answer**

MINISTER OF HUMAN RESOURCE DEVELOPMENT (SMT. SMRITI ZUBIN IRANI)

(a) to (c) As per provisions of Affiliation Bye-Laws of Central Board of Secondary Education (CBSE), every affiliated school should have adequate physical facilities that includes Maths / Science labs. Kendriya Vidyalaya Sangathan undertakes upgradation and modernization of school laboratories as per requirement. Out of 1092 Kendriya Vidyalayas (KVs), 255 KVs, which are functioning from temporary building provided by sponsoring authorities, have limited lab facilities. In accordance with the Rashtriya Madhyamik Shiksha Abhiyan (RMSA) Framework 2009, the RMSA provides financial support to states for additional class-rooms, laboratories etc. 24592 science laboratories have been approved under RMSA to Government Secondary Schools till end of the financial year 2013-2014.

(d) & (e) Following the vision of the National Curriculum Framework 2005, the National Council of Educational Research & Training (NCERT) has developed curricular material with a view to make mathematics an enjoyable learning activity in which children pose & solve meaningful problems. Besides enquiry based text books, the NCERT has also brought out science kits, laboratory manuals and teacher support material for improving science education at the secondary stage. At present, no study with a view to promote mathematics including Vedic Mathematics in schools have been initiated.