

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

UNSTARRED QUESTION NO:4347
ANSWERED ON:19.12.2012
PROMOTION OF SCIENTIFIC ATTITUDE
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Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) the efforts being made to promote scientific attitude and also encourage children to take up science as their stream of study;
- (b) whether any schemes/programmes are being implemented for this purpose;
- (c) if so, the details thereof; and
- (d) the manner in which these schemes have become successful with a particular reference to Karnataka?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT(DR. SASHI THAROOR)

(a) to (d) : In pursuance of the recommendations of the National Curriculum Framework-2005, the National Council of Educational Research and Training(NCERT) has developed activity- based textbooks and a lot of learning materials to make the content interesting and to attract children to learn science. The NCERT also arranges the following:-

1. Mathematics and environment exhibitions for children, in which students from all States/ UTs including Karnataka State regularly participate;
2. Consultancies to different school organizations to develop science parks on their premises;
3. Science and mathematics kits for joyful learning of science.

The CBSE - affiliated schools are instructed to provide facilities of well-equipped science laboratories for the conduct of practical work in the schools, apart from the appointment of qualified teachers to teaching science. In addition, enrichment activities like a Science Olympiad and Science Exhibitions are conducted to make teaching/learning of science subjects more interesting enjoyable.

The National Council for Science & Technology Communication (NCSTC) and the Department of Science and Technology (DST) have initiated and strengthened various schemes and programmes for the promotion of science for the school children, namely the organization of National Children Science Congress (NCSC) annually, the celebration of National Science Day in most States & Union Territories each year, and the holding of exhibitions in popular fairs and festivals, etc. The Vigyan Rail, an exhibition on wheels in 2007, rolled out by Vigyan Prasar, an autonomous organization under the DST, not only displayed cutting edge scientific research but also hosted a laboratory in which students were encouraged to conduct interesting experiments & activities in science, thus encouraging them to take up science as their stream of study for promotion of science. In Karnataka, it halted at about 15 locations for 3-5 days duration each. Besides these, the DST has instituted several Scholarships to recognize excellence amongst school students in science and to encourage children to take up science as their stream of study.