

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

UNSTARRED QUESTION NO:4295  
ANSWERED ON:19.12.2012  
INCLUSION OF SCIENCE CHAPTERS IN NCERT BOOKS  
Kumar Shri Kaushalendra;Ramkishun Shri

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

- (a) whether the Government has decided to add a chapter to Physics, Chemistry and Biology textbooks regarding latest inventions along with their theories and practical;
- (b) if so, the details thereof;
- (c) whether the Government has decided to provide details of Nobel Prize Winners of each year in Physics, Chemistry and Biology (Medical Sciences) in order to create curiosity and enthusiasm among the students; and
- (d) if so, the details thereof?

**Answer**

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

- (a) & (b) In accordance with the National Curriculum Framework (NCF)-2005, the National Council of Educational Research and Training (NCERT) has developed new textbooks for all stages of school education, including textbooks in Physics, Chemistry and Biology, during 2006-2008. The topic of new inventions has been included at relevant places in the textbooks. Besides textbooks, NCERT also develops supplementary reading materials on new and applied areas of Science and Mathematics.
- (c) & (d) The Council undertakes revision of textbooks, supplementary reading materials, science kits and scientific exhibitions at the regular intervals, as a part of its on-going activities. Such efforts relate to new inventions and developments in the field of science with the contribution of great scientists. The Nobel prize winners of each year are not necessarily included in the Textbooks.