

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

UNSTARRED QUESTION NO:2666
ANSWERED ON:16.12.2008
RESEARCH UNDERTAKEN BY IITs
Rao Shri Sambasiva Rayapati

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

- (a) whether there is any proposal to involve the Indian Institutes of Technology in the research on climate change;
- (b) if so, the details thereof;
- (c) whether any study is being undertaken by the IITs, in this regard; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SMT. D. PURANDESWARI)

(a) to (d): Yes, Sir. The Indian Institutes of Technology (IITs), in collaboration with the Departments of Science & Technology, Water Resources Development & Management, Indian Water Resources Society, Indian Institute of Science, Vikram Sarabhai Space Centre, Malviya National Institute of Technology, Shri Govind Singh Institute of Technology & Science, etc., are involved in research related to assessment of climate change and its impact on water resources, agriculture, hydrology and monsoon prediction, critical issues of adaptability and mitigation of the scenarios emerging out of climate change, river bank management and flood mitigation, rejuvenation of river as well as control of pollution in river contaminated by storm water, drainage as well as urban sewage, to understand and quantify indirect effects of aerosols over Continental Tropical Convergence Zone (CTCZ), a region broadly covering the geographical area where summer Indian monsoonal rainfall occurs, etc.