

**GOVERNMENT OF INDIA**  
**MINISTRY OF SCIENCE AND TECHNOLOGY**  
**RAJYA SABHA**  
**QUESTION NO 07.03.2011**  
**ANSWERED ON**  
**NANO MISSION .**

1228

Shri Prakash Javadekar

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state :-

(a) whether it is a fact that the Mission on Nano Science and Technology (Nano Mission), structured to achieve synergy between the national research efforts of various agencies in nano science and technology and to launch new programmes in a concerted fashion, has failed to bring desired results;

(b) if so, the reasons therefor; and

(c) if not, the details thereof?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF PLANNING; MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS; MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES

(ASHWANI KUMAR)

(a) No, Sir.

(b) Does not arise.

(c) The Nano Mission and other agencies, like the Department of Information Technology (DIT), Department of Biotechnology (DBT), Indian Council of Medical Research (ICMR), Council of Scientific and Industrial Research (CSIR), etc. consult each other while promoting Research and Development (R & D) in nano science and technology in the country. The agencies participate in each other's decision making processes. There is complete understanding between different agencies about the respective domains in which their R&D promotional activities need to be concentrated. While the Nano Mission has been focusing on basic research promotion, human resource development, infrastructure creation, technology development and international collaborative efforts over a broad canvas, DIT focuses on nanoelectronics, DBT on nanobiotechnology, ICMR on medical nanotechnology, ICAR on agricultural nanotechnology, etc. Specific new programmes have also been launched by the Nano Mission in a concerted fashion with other agencies. Some examples are as follows:

(i) The Nano Mission is actively assisting the Bureau of Indian Standards to ensure effective national participation in the activities of International Organization for Standardization (ISO) on development of Nano Standards;

(ii) The Nano Mission has started the process of laying down a road-map for a regulatory framework for nano technology in India in collaboration with concerned agencies like DBT, CSIR, DIT, ICMR, Indian Council of Agricultural Research (ICAR), Ministry of Environment and Forests and Ministry of Law and Justice;

(iii) The Nano Mission is also actively participating with other agencies in giving shape to a programme on nanosensors development, which is being championed by the National Manufacturing Competitiveness Council (NMCC).

The Nano Mission, therefore, has taken some concrete steps to achieve synergy between the national research efforts of various agencies in nano science and technology and to launch new programmes in a concerted fashion.