

**GOVERNMENT OF INDIA
PLANNING
LOK SABHA**

UNSTARRED QUESTION NO:5763
ANSWERED ON:25.04.2001
ASSESSMENT OF TECHNOLOGY DEVELOPMENT MISSION
VILAS BABURAO MUTTEMWAR

Will the Minister of PLANNING be pleased to state:

- (a) whether it is a fact that Phase-I of the First ever assessment of the Technology Development Mission (TDM) has been completed and the results are being analysed;
- (b) if so, the positive outcome of the assessment;
- (c) whether Government propose to go in for TDM Phase-II; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE DEPARTMENT OF INVESTMENT, MINISTER OF STATE IN THE MINISTRIES OF PLANNING, STATISTICS & PROGRAMME IMPLEMENTATION AND MINISTER OF STATE IN THE DEPARTMENT OF ADMINISTRATIVE REFORMS AND PUBLIC GRIEVANCES (SHRI ARUN SHOURIE)

(a): Yes, Sir.

(b): Note on Positive Outcomes of Technology Development Mission (TDM) Phase-I is Annexed.

(c): Yes, Sir.

(d): TDM Phase-II commenced from April 1, 2001. The identified generic areas under TDM Phase-II are: (1) Advanced Design and Manufacturing Process and technologies (ADM), (2) Information and Automation Technologies (IAT), (3) Communication Technologies & Networks (CTN), (4) Electronic Technologies and VLS Design (ETV), (5) Advanced Agricultural Food Technologies (AFT), (6) Health Care and Biotechnology (HCB), (7) Material Technology (MT), and (8) Energy, Resources Management and Environment Technologies (ERE). An outlay of Rs. 8 crore has been provided for the schemes of TDM in 2001-02 (BE).

ANNEXURE TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO.5763 ANSWERED ON 25-04-2001 REGARDING ASSESSMENT OF TECHNOLOGY DEVELOPMENT MISSION

NOTE ON POSITIVE OUTCOMES

The Positive Outcomes are as follows:

1. It enhanced the multi institutional research capability among the IITs and Industries as well as strong interaction among academic institutions and industries.
2. Industrial participation in R&D activities of IITs was greater than expected.
3. Technology Development Missions have proved to be result oriented research project with immediate industrial application.
4. It helped the IITs to gain experience in practicalities of Technology Development compatible to market demand on time bound basis.
5. Significant development took place in Transfer of Technologies from Laboratories to Prototype, Prototype to Pilot Production, and on to commercialization.
6. Scientific & Technical Manpower from different engineering institutions were successfully involved in the common objective of research
7. Special purchase procedures were evolved.
8. Faculty could get encouragement to attend Intellectual Property Rights programmes.

9. TDM's contribution in manpower development comprised of studies leading towards of 60 Ph.D., 182 M.Tech/B.Tech degrees, 274 research publications, 32 patents filed, and 64 technologies were transferred.