GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:1399
ANSWERED ON:27.11.2002
RESEARCH CENTRES OF C-DOT
UMMAREDDY VENKATESWARLU

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) the number of research centres operating under C-DOT;

(b) whether C-DOT is contributing in new products for the telecom sector;

(c) if so, the details thereof;

(d) whether Government have any plan to merge C-DOT into other organizations doing research in the telecom sector; and

(e) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRIMATI S MAHAJAN)

(a) C-DOT is a single R&D organization with R&D centres at Delhi and Bangalore.

(b) & (c): Yes, Sir. C-DOT is working on many new projects. A list of projects on which C-DOT is working during 2002-2003 is given in Annexure.

(d) No, Sir. There is no such plan.

(e) Does not arise in view of (d) above.

ANNEXURE

ACTIVITIES FOR THE FINANCIAL YEAR 2002-2003

Sl. No.	Name of the Scheme	Projects/Activities for 2002-2003
1	Advanced Intelligent Â¨ NW Services	Intelligent Networks (IN) Â¨ IN Enhancements & IN Based Services
2	High Bit Rate Network Â¨ Backbone On Fibre & Satellite	(CDWDM 32) - C-DoT Dense wavelength Division Multiplexer Â¨ (IDR VSAT) - Intermediate Data Rate Very Small Apeture Terminal BBAVS(Ka Band) - Broad Band Access via Satellite
3	4K Based and Single Â¨ and Multi Base Modules (SBMs & MBMs)	(SBM 4K) -(SBM) Single Base Module Exchange catering upto 4K subscribers. (HECS) High Erlang Capacity MAX-XL
4	Cell & Packet Â¨ Technologies For Voice & Date Â¨ Convergence	(ATM) - Asynchronous Transfer Mode (ADSL) Asynchronous Digital Subscriber Line Connectivity for CPEs (Customer Premises Equipments)
5	Network Management Â¨ Systems For Telecom Networks Including Â¨ Rural Networks	V5.X on 256PRAX (Rural Automatic Exchange) (C-DOT TMN) Systems - Telecom Management Network Systems
6	Fibre based access in Â¨ the PSTN	(RLC-AN) - Remote Line Concentrator - Access Network (FAS) - Fibre Access System
7	Innovative Services Â¨ for Business & Industry	(ITGS) - Internet telephony gateway switch

8	Second & Third Â¨	Development of PCS - Personal Communication Systems Â¨	Personal Generation Personal Communication System WCDMA (wideband code division multiple access)(IMT 2000) radio access network (RAN) based on wideband code division multiple access (WCDMN) for IMT 2000
9	Specific New & Study Â¨	(VMS & UMS) - Voice Messaging System & Unified Messaging System	Projects Compact STM-1 - (Synchronous Transfer Mode-1) - Add Drop Multiplexer Development of unified OSTN-IP Switch (Public Switched Telephone Network Internet Protocol) IP (Internet Protocol) over DWDM (Dense Wave Division Multiplexing)
10	Project Support Â¨	Product upgradations	Project
11	Field Support Â¨	Field and Manufacturing Support	Activities