(b) the number of mobile phones and tablets proposed to be provided to the poor under the above Scheme;

(c) whether the Scheme is linked to MGNREGA, if so, the details thereof; and

(d) the reasons that there is difference of opinion between Planning Commission and the Ministry?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA): (a) to (d) There is no scheme titled "Bharat Mobile Scheme" of the Government. Telecom Commission, in its meeting held on 10.09.2013, considered a proposal for a scheme titled "Universal Service Obligation Fund (USOF) Supported Scheme to provide Mobile Phones to Rural Households" to be funded by USOF with an objective to provide affordable and quality telecom access to eligible rural households within a period of five years such that at least one adult in every eligible household has a mobile phone. It was proposed to implement the scheme in a phased manner over a period of four years to cover 2.5 crore individual beneficiaries. No 'Tablets' are proposed to be provided under the scheme.

It was suggested that households registered under Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) who have worked for at least 25 days or the average number of days for which employment has been provided per household in the State during the financial year 2012-13, whichever is lower, may be covered under the proposed scheme.

Department of Telecommunication proposed that work of implementation of the scheme may be awarded to Bharat Sanchar Nigam Limited (BSNL) on nomination basis. Planning Commission has suggested to reconsider the proposal to nominate BSNL as the sole implementing agency for the scheme.

Test Bed for Information Security Skill Development

3016. DR. V. MAITREYAN: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether Government is undertaking any project for development of Test Bed for Information Security Skill Development using Virtual Training Environment (VTE) and Development of Person Authentication System based on Speaker Verification in Uncontrolled Environment;

(b) if so, the details thereof and the objectives of the respective projects;

(c)   the total amount allocated for the said projects; and

(d)   the steps taken by Government to associate with public and private sector electronics and communications companies in such projects like cyber security and cyber surveillance?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA): (a) to (c) Government has undertaken projects for Development of Test Bed for Information Security Skill Development using Virtual Training Environment (VTE) and Development of Person Authentication System based on Speaker Verification in Uncontrolled Environment. The details of the projects along with the objectives are given in Statement (*See* below). A total budget of Rs. 735.53 lakhs has so far been sanctioned for the above projects.

(d)   Government has taken initiative for engaging with private sector on Cyber Security. In this regard a Joint Working Group (JWG) with representatives of both public and private sector was set up to work out the details in July, 2012. The Joint Working Group (JWG) has submitted its report on engagement with Private Sector on Cyber Security in October 15, 2012. The salient features of the JWG *inter-alia* include Guiding Principles and Objectives, "Roadmap" for Public-Private-Partnership (PPP) on Cyber Security and four pilot projects. The recommended "Roadmap" includes setting up of an Institutional Framework for involvement of private sector, capacity building in the area of Cyber Security, development of Cyber Security Standards and Assurance mechanisms and augmentation of testing and certification facilities for Information Technology products. Action has been initiated for implementation of the recommendations in key priority areas and it is an on-going process.

Statement

Details of the projects on Development of Test Bed for Information Security Skill Development using Virtual Training Environment (VTE) and Development of Person Authentication System based on Speaker Verification in Uncontrolled Environment

Sl. No.	Project	Implementing Agency	Project duration		Objectives of the project
			Start date	End date	
1.	Development of Test Bed for Information Security Skill Development with Virtual Training Environment	National Institute of Electronics and Information Technology (NIELIT), Gorakhpur	February, 2008	October, 2008	To design and simulate various scenario based problems and solutions using virtual training environment systems for the topics of information security namely Cyber Forensics, Incident Handling, Intrusion Analysis, Perimeter Security, Hardening of Systems and Network Security Testing.
2.	Advanced Virtual Environment based Interactive Information Security Training Kit for Advanced Level Information Security Skill Development	National Institute of Electronics and Information Technology (NIELIT), Gorakhpur	January, 2012	Ongoing	Based on the expertise developed in the previous project it is proposed to enhance and redesign reorient the existing Virtual Training Environment for Information security to serve as an Integrated Virtual Training Environment based training kit which would provide advanced environment for imparting information security training or skill development to system/network/security administrators for protecting networks at the organizational level against the emerging targeted attacks. By using this system, real

time attacks could be launched and escalated (simulation based) on organization networks and systems and participants are trained to dynamically design countermeasures and test them. This environment would facilitate utilization of various tools and technologies used for protection of information, networks and systems.

3.	Development of Person Authentication System based on Speaker Verification in Uncontrolled Environment	Indian Institute of Technology (IIT) Guwahati	March, 2009	February, 2012	(i) Development of speaker verification database in multilingual, multi-sensor and uncontrolled environment. (ii) Research and development of a speaker verification system for speech data collected from uncontrolled environment Development of Person Authentication System using speech and one of the non-biometric features like using PIN targeted to phone banking.
4.	Development of Speech based Multi-level person authentication system	Indian Institute of Technology (IIT) Guwahati	March, 2012	Ongoing	Development and deployment of speech based multi-level person authentication system involving text-independent, text-dependent and voice password speaker verification systems and their judicious combination.