GOVERNMENT OF INDIA

MINISTRY OF PLANNING

LOK SABHA

UNSTARRED QUESTION NO: 7088

ANSWERED ON:08.05.2015

TECHNICAL SUPPORT TO AADHAAR

S.P. MUDDAHANUMEGOWDA

(a)   whether most of the technical support to the UID scheme are being provided by the foreign companies;

(b)if so, the details of the companies that are providing technical support to the UID Scheme;

(c)whether UIDAI's Biometrics Standards Committee stated that retaining biometric efficiency for a database of more than one billion people has not been adequately analysed;

(d)if so, the details thereof; and

(e)the corrective measures taken by the Government in this regard?

Will the Minister of PLANNINGbe pleased to state:-

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) FOR MINISTRY OF PLANNING AND MINISTER OF STATE FOR DEFENCE (RAO INDERJIT SINGH)

(a):   No, Madam.

(b):   Does not arise.

(c) to (e):Biometrics Standards Committee in its report submitted in December 2009 acknowledged that "de- duplication of the magnitude required by the UIDAI has never been implemented in the world. In the global context, a de-duplication accuracy of 99% has been achieved so far, using good quality fingerprints against a database of up to fifty million.

Two factors however, raise uncertainty about the accuracy that can be achieved through fingerprints. First, retaining efficacy while scaling the database size from fifty million to a billion has not been adequately analyzed. Second, fingerprint quality, the most important variable for determining de-duplication accuracy, has not been studied in depth in the Indian context". However, based on extensive empirical results, the Committee concluded that "Iris can provide accuracy comparable to fingerprint.

Therefore fused score of two uncorrelated modalities will provide better accuracy than any single modality and could achieve the target accuracy". After examining the Report, the standards for various biometric attributes as recommended by the Committee, were accepted, and UIDAI currently has a biometric database of more than 839 million residents, which is rendering accuracy level exceeding   99.9%, with efficacy.