

**GOVERNMENT OF INDIA
INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:2064
ANSWERED ON:08.03.2000
STANDARD KEYBOARD OF TYPEWRITERS
CHARAN DAS MAHANT

Will the Minister of INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the Indian languages are lagging behind in the field of internet and E-mail due to non-availability of their standard key-board in typewriters;
- (b) if so, the details thereof and the reasons therefor;
- (c) the number of Indian languages for which standard key-board have been finalised and the number of languages which are under consideration for finalisation; and
- (d) the action proposed to be taken to finalise standard keyboards of all Indian languages?

Answer

MINISTER OF PARLIAMENTARY AFFAIRS AND INFORMATION TECHNOLOGY(SHRI PRAMOD MAHAJAN)

(a): No, Sir.

(b): Does not arise.

(c): The key-board overlay for 10 scripts viz. Devanagari, Assamese, Tamil, Oriya, Kannada, Bengali, Telugu, Malayalam, Gujrati and Punjabi have been standardised as per IS 13194:1991. Hindi, Marathi, Konkani and Sanskrit are written in Devanagari script. Manipuri is written in Bengali script. Perso-Arabic languages viz. Urdu, Sindhi and Kashmiri overlay have also been defined in this standard based on GIS Technology. These languages also get written in Devanagari script. Sindhi is written in Gujrati Script, as well.

All the 18 officially recognised Indian Languages are represented in this standard.

(d): Does not arise.