

**GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA**

STARRED QUESTION NO:162
ANSWERED ON:27.07.2017
Indian Bridge Management System
Bala Smt. Anju;Sreeramulu Shri B.

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether the Government has launched the Indian Bridge Management System (IBMS) to create data base/inventory of all bridges and culverts in the country as part of steps to avert mishaps and if so, the details thereof;
- (b) whether the Government has completed safety audit of 1.6 lakh bridges in the country under IBMS and found 147 structures in dilapidated condition;
- (c) if so, the details thereof and the reaction of the Government thereto along with the list of such bridges/structures, States/UT-wise;
- (d) whether the Government has introduced new technologies like nano/laser sensors, radars, infra ray drones, etc., for monitoring and inspection of bridges in real time if so, the details thereof and the progress made in this regard till date; and
- (e) whether the Government has unveiled nationwide campaign "Safe India" to sensitize people about responsible use of mobile phones while on the road and if so, the details thereof?

Answer

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (e) A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 162 FOR ANSWER ON 27.07.2017 ASKED BY SHRIMATI ANJU BALA AND SHRI B. SRIRAMULU REGARDING INDIAN BRIDGE MANAGEMENT SYSTEM.

(a) to (e) Ministry of Road Transport & Highways took the initiative to establish the Indian Bridge Management System (IBMS) during FY 2015-16 for field data collection and inspection of all bridges on all National Highways in country. The primary scope of work is "Collection and analysis of bridge condition and bridge inventory data by MBIU or any other equipment for the purpose of the Major/Minor Bridges on all National Highways for a period of three years". One central consultant is appointed for processing the entire data collected in IBMS system. 18 field consultants are appointed for collecting all the inventory and condition survey data in real time framework.

As on 21.07.2017, Bridge inventory and condition survey of 1,62,022 bridges including 126,233 culverts has been carried out and a total number of 147 bridges have been found under distress condition, the States/UT-wise list of which is placed at Annexure. Concerned executive agencies (like State PWDs, NHAI, NHIDCL) have already been asked to undertake repairs, rehabilitation and reconstruction of all such bridges after detailed condition survey.

Currently, inventory and condition survey of bridges under IBMS is based basically on visual inspection. However, during in-situ testing of bridge structures, all existing technologies like sensors, ultrasound waves, chemical compounds, digital equipment etc. can be used for monitoring and inspection of bridges.

Ministry has been implementing the scheme through publicity and awareness campaign about road safety under which various publicity measures are undertaken in the form of telecasting/broadcasting of T.V. spots/radio jingles, display of cinema slides etc. on different themes viz drunken driving, use of helmet, over speeding, use of seat belt, discouraging the use of mobile phone while driving etc. with a view to spread road safety awareness among various segments of road users viz. pedestrians, cyclists, school children, heavy vehicle drivers, etc. We are engaging celebrities from various fields as brand ambassadors for spreading road safety message.