

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:91  
ANSWERED ON:19.11.2009  
IMPLEMENTATION OF SIMRAN  
Angadi Shri Suresh Chanabasappa

**Will the Minister of RAILWAYS be pleased to state:**

- (a) whether the Railways have implemented any project named SIMRAN (Satellite Imaging for Rail Navigation) device to check minute details of train movement for the convenience of the passengers;
- (b) if so, the details thereof and the present status of the said project;
- (c) the names of such trains which have been so far installed with the said device; and
- (d) the other security measures taken/being taken for the safety of train passengers?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS ( SHRI K.H. MUNIYAPPA)

(a) to (d): A statement is attached.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 91 BY SHRI SURESH ANGADI TO BE ANSWERED IN LOK SABHA ON 19.11.2009 REGARDING IMPLEMENTATION OF SIMRAN.

(a)&(b): A pilot project named SIMRAN has been developed jointly by Research Designs & Standards Organization (RDSO) & Indian Institute of Technology (IIT) Kanpur funded also jointly by Ministry of Railways & Ministry of Human Resource Development (MHRD).

This developmental project is envisaged to provide online train running information to public/passengers through Internet, Short Message Service (SMS), Interactive Voice Response System (IVRS), station display board and to Onboard passengers. Field trials of this project have been conducted.

(c): The following trains have been equipped with SIMRAN equipment: -  
- 18 rakes of Rajdhani Express trains.  
- 6 rakes of Shatabdi Express trains  
- 14 rakes of Mainline Electric Multiple Units (MEMU) of Ghaziabad Car Shed.  
- 3 rakes of Pushpak Express train.  
- 1 rake of New Delhi- Sealdah Duronto Express train.

(d): Following measures are being taken to strengthen security of train passengers:-

(i) An integrated security system has been approved to strengthen surveillance mechanism over 195 sensitive and vulnerable stations of the Indian Railways. The system consists of following four broad areas:-

- a.) IP based CCTV surveillance system
- b.) Access control
- c.) Personal and baggage screening system
- d.) Bomb Detection and Disposal System

In Works Programme 2009-10, approval has been accorded for implementation of this scheme at 195 sensitive stations of the country at an estimated cost of Rs. 344.31 crore.

(ii) An innovative measure in the form of 'RPF Mitra Yojana' has been launched to strengthen contact and information network between RPF and railway passengers/public.