

**GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:6524
ANSWERED ON:16.05.2012
DEVICE DEVELOPED BY IIT
Pradhan Shri Nityananda

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether it is a fact that Indian Institute of Technology, Kanpur has developed a device that would help passengers locate their buses on the internet in the State run transport, system; and

(b) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI E. AHAMED)

(a) & (b): IIT-Kanpur has developed a Vehicle Tracking System, named "YG" (Yaan Gyaan), for monitoring vehicle in a certain geographical boundary for its location, speed, etc. The information so obtained can be used in a variety of ways like better control of vehicles, fuel and manpower efficiency, delay during journey, etc. It has a centralised GIS system for disseminating location information over maps, an inbuilt alarm system for sending information in case of breakdown. The YG system can be effectively used for any vehicles, particularly government vehicles, police vehicles and mobile assets, like road rollers, dumpers, trucks, etc.