

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.4670
TO BE ANSWERED ON 29.03.2023**

INTRODUCTION OF ARTIFICIAL INTELLIGENCE

**4670. SHRI CHANDRA SEKHAR SAHU :
SHRI RAHUL RAMESH SHEWALE :
DR. PRITAM GOPINATHRAO MUNDE :
DR. PON GAUTHAM SIGAMANI :
SHRI GIRISH BHALCHANDRA BAPAT :**

Will the Minister of RAILWAYS be pleased to state:

(a) the details of funds allocated for Research and Development Programmes related to the introduction of Artificial Intelligence (AI) in the Indian Railway system;

(b) whether it is also true that the Railways has identified 90 cases where Artificial Intelligence can be used for improving railway services and if so, the details thereof;

(c) whether research has been concluded on the module that was being developed by the Centre of Railway Information System (CRIS);

(d) if so, the details thereof and if not, the reasons therefor;

(e) whether it is true that the Railways has developed a handheld device that can help reduce queues by providing tickets on platforms to unreserved passengers, if so, the facts in this regard; and

(f) the timeline for the introduction of this module in the East Coast Railway Platforms in Odisha and railway offices?

ANSWER

**MINISTER OF RAILWAYS, COMMUNICATIONS AND
ELECTRONICS & INFORMATION TECHNOLOGY**

(SHRI ASHWINI VAISHNAW)

(a) & (b) : Project "Data Analytics Unit of Indian Railways –Phase 1" was sanctioned in 2016-17 for an amount of ₹5.00 Crore to develop

and test the use cases. Railways has compiled 90 uses cases concerning Passenger Business, Freight, Track Infrastructure, Signalling, Overhead Equipment, Locomotive, Carriage & Wagon, Material Management, Finance, Human Resource Management & Security where Artificial Intelligence can be used for improving railway services.

(c) & (d) : Research and innovation is an ongoing activity and no definite timeline can be given for its conclusion.

(e): Yes, Sir. To reduce queues at the platform, a device called M-UTS (Mobile Unreserved Ticketing System) has been developed where booking clerk will directly come to the passenger standing in ticketing area (booking office) and give unreserved tickets.

(f): Depending upon passenger traffic, these devices are introduced on need basis on stations /platforms including the East Coast Railway Platforms in Odisha.
