

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO.2551
TO BE ANSWERED ON 11.12.2024**

MASTER CLOCK SYSTEM

2551: SHRI V K SREEKANDAN

Will the Minister of RAILWAYS be pleased to state :

- (a) whether Railways is developing a master clock system for synchronizing time with the applications and systems across its network and if so, the details thereof;**
- (b) whether zonal railways across the country use various systems sourcing time from different sources and if so, the details thereof;**
- (c) whether the Railway Board had constituted a high level committee to coordinate with the Research Designs and Standards Organization to finalise the architecture for the master clock system and if so, the details thereof;**
- (d) whether the said organization of the railways demonstrated a prototype for the master clock system and synchronisation between different applications and systems, if so, the details thereof; and**
- (e) whether the Railways will soon dispense with the method of station masters setting time on the instructions of section controllers and if so, the details thereof?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (e): In order to synchronize the time uniformly across all system, a working group has been constituted for studying the existing system of time synchronization for different applications/system and finalizing the architecture of Master Clock System for Indian Railways.
