

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 3063
TO BE ANSWERED ON 19.03.2025**

VANDE BHARAT SLEEPER TRAINS

3063 SMT. POONAMBEN HEMATBHAI MAADAM:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government is planning to increase the number of Vande Bharat Sleeper trains after the positive outcome of the trial run;**
- (b) if so, the details thereof;**
- (c) whether the Government is planning to set up the necessary infrastructure and maintenance facilities to support the operation of Vande Bharat Sleeper Trains;**
- (d) if so, details thereof;**
- (e) whether the Government has incorporated safety and technological advancements into the Vande Bharat Sleeper Trains compared to existing sleeper trains; and**
- (f) if so, the details thereof?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (f) The first 16-car prototype rake of Vande Bharat Sleeper Train-set has been manufactured. Field trials have been completed and the rake is under commissioning. Total 10 Rakes in 16-Car composition and 50 rakes in 24-Car configuration have been provisioned for manufacture at ICF Chennai.

Besides, contracts for Manufacture of 200 Vande Bharat Sleeper rakes in Indian Railway Production Units using Indian Railway Staff through Technology partners have also been placed.

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Broad technological advancements and safety features provided in Vande Bharat Sleeper Trains are as below:

- i. Fitted with KAVACH.**
- ii. Crashworthy and Jerk-Free Semi permanent couplers and Anti Climbers.**
- iii. Crashworthy Design of Carbody complying with EN standards.**
- iv. EN-45545 HL3 fire safety standards.**
- v. Fire barrier doors at the end of each coach.**
- vi. Regenerative braking system for energy efficiency.**
- vii. Higher Average speed with quick deceleration and acceleration.**
- viii. Air conditioning units provided with indigenously developed UV-C lamp based disinfection system.**
- ix. Emergency talk-back unit for communication between Passenger and Train Manager/Loco Pilot in case of emergency.**
- x. Accommodation and accessible toilets for Passengers with Restricted Mobility (PRM) in the driving coaches on each end.**
- xi. Centrally controlled Automatic Plug Doors and Fully Sealed wider gangways.**
- xii. Ergonomically designed ladder for ease of climbing on to upper berths.**
- xiii. Centralized Coach Monitoring System for better condition monitoring of passenger amenities such as Air conditioning, Saloon Lighting etc.**
- xiv. CCTV surveillance cameras in all coaches.**

Maintenance Infrastructure facilities are planned as per the operational and maintenance requirement. Accordingly, new maintenance depots and up-gradation of existing depots with modern infrastructure facilities suitable for Vande Bharat Train-sets at a cost of more than Rs.14,000 Cr. have been envisaged across Indian Railway network.