

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4538
TO BE ANSWERED ON 20.08.2025**

SPEED OF VANDE BHARAT TRAINS

†4538. SHRI IMRAN MASOOD:

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of the reasons for decline in the average speed of Vande Bharat trains though they are designed to run at high speeds;**
- (b) the details of the steps being taken by the Government to address track conditions, infrastructure challenges, difficult terrain and weather affects to improve the operating speed of Vande Bharat trains on all routes;**
- (c) the details of the progress made so far in modernisation of railway infrastructure to improve semi high speed and high speed rail services; and**
- (d) the time limit and the strategy to ensure the expected speed for running Vande Bharat trains on new routes?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (d) Upgradation and improvement of railway tracks on Indian Railways to increase the speed potential have been carried out in a big way during last 10 years. The measures for track upgradation include use of 60 kg rails, wider base concrete sleepers, thick web switches, longer

rail panels, H Beam sleepers, modern track renewal and maintenance machines etc. As a result of above measure, there has been significant increase in speed potential of the tracks. The details of speed potential of railway tracks during 2014 vis a vis 2025 are as under:

Sectional Speed (kmph)	2014		2025	
	Track Km	%	Track Km	%
< 110	47,897	60.4	22,862	21.6
110 - 130	26,409	33.3	59,800	56.6
130 & above	5,036	6.3	23,010	21.8
Total	79,342	100	1,05,672	100

On Indian Railways (IR), the average speed of the train services, including Vande Bharat services, is dependent inter alia on the Maximum Permissible Speed (MPS) of the section, track structure, geometry along the route including gradients and curves, topographical conditions, number of stoppages enroute, line capacity utilisation of sections, maintenance works in the section etc. Accordingly, the Vande Bharat train services have been charted at the Maximum Permissible Speed of the respective sections over which the trains are being operated.
