

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 719
TO BE ANSWERED ON 07.02.2024**

HYDROGEN-POWERED TRAIN TECHNOLOGY

719. SHRI JAGANNATH SARKAR:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Government has made any advancement in the development of hydrogen-powered train technology;**
- (b) if so, the details thereof, if not, the reasons therefor;**
- (c) whether the Government has details of the proposed ground infrastructure for hydrogen-powered trains, especially in terms of its design and environmental considerations;**
- (d) if so, the details thereof, if not, the reasons therefor;**
- (e) whether the Government has identified any potential funding sources or partnerships to support the development and deployment of hydrogen-powered trains; and**
- (f) if so, the details thereof, if not, the reasons therefor?**

ANSWER

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

(SHRI ASHWINI VAISHNAW)

(a) to (f) A project for development of Hydrogen power train using Hydrogen Fuel Cell has been taken up as a pilot project. The power train of this project has been designed. The production planned to be done in ICF, Chennai Production Unit. This train will demonstrate the use of Hydrogen Technology in Railways.
