

# Driverless Metro train on Colaba-Seepz route

Pic for representation

## High-Tech Train System To Up Frequency

TIMES NEWS NETWORK

**Mumbai:** The Mumbai Metro Rail Corporation will procure driverless trains that will run along the 33.5-km underground metro corridor on the Colaba-Bandra-Seepz route, also known as Metro III.

The metro rail agency has plans to open the Metro system for passengers in phases from 2020.

Mumbai Metro Rail Corporation's director (systems), AA Bhatt, said that the driverless train will be equipped with latest technology prevalent across the world. "It will have driverless features besides communication-based train control system."

Initially, for a year, the train will operate with the help of a pilot, but these pilots will gradually be done away with.

The communication-based train control system or cab-signalling works on digital technology. The train



### Depot at Aarey, but on smaller plot

**M**umbai Metro Rail Corporation has decided to have its car depot at Aarey Colony, but on a reduced stretch of land to save trees after environmentalists have raised concerns. Environmentalists and citizens have been pressuring the rail agency to shift the Metro out of Aarey. However, the metro rail agency has not considered

any other option. Managing director Ashwini Bhide said they have modified the design of the depot planned at Aarey. "Instead of 30 hectares or 74 acres, it will now come up on 25 hectares. (61 acres)." The metro agency said this is the only best possible option and suggestions like shifting the depot to Kalina is not feasible.

—Manthan K Mehta

receives a signal in the cab about the speed and location of the train and braking distance. This results in trains moving closer behind each other, while also taking into account the safety buffer between two trains. Such a system will allow the authorities to run

more trains at lesser intervals. In other words, this will be a boon for commuters as the frequency of metro trains will increase.

Currently, driverless technology is in use in 27 countries. The Delhi Metro has also got approvals to run driverless trains.