

**दक्षिण रेलवे/Southern Railway  
चेन्नै मंडल/Chennai Division**

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**Chennai Division of Southern Railway takes the aid of technology to facilitate contactless Ticket Checking and Thermal Screening of Passengers**

In continuation of its multifarious efforts to combat CoVID-19, Chennai Division of Southern Railway has introduced an innovative and advanced technique to facilitate contactless access to passengers at railway stations. Automated Ticket checking and Managing Access (ATMA) is the new system installed at Puratchi Thalaivar Dr.MGR Chennai Central. This new system facilitates contactless verification of ticket, body temperature and face mask of passengers entering/exiting the station premises.

Automated Ticket checking and Managing Access (ATMA) system is equipped with a web camera, affixed on the enquiry desk at the entry points. Passengers are directed to show their ticket and ID proof which is captured by the Camera and the image gets displayed on the monitor. Thus, the ticket checking official at the enquiry desk checks all the documents produced by the passengers obviating the necessity to physically check the ticket. Once ticket verification is done, the passenger is allowed to enter the station premises for further screening.

The system is also equipped with thermal scanner-cum-camera that picks up the image and body temperature of the passenger which is displayed on the monitor. Once the passenger walks at a distance approaching the camera, the body temperature of the passenger is detected by the sensor. On getting green signal (temperature is within limits), the passenger is allowed to board the train. If the body temperature of the passenger is higher than the limit, a red signal is displayed and necessary action is taken. A voice response system is also to be installed shortly. More than one passenger at a time can be screened with this advanced technique, hence saving time and avoiding crowds at the entrance.

This new system will be extended to all major stations of Chennai Division like Arakkonam, Katpadi junction etc. in phases. Chennai Division of Southern Railway is committed in ensuring the safety of passengers and staff in preventing the spread of the deadly CORONA virus by introducing this contactless system.

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