



SMART COACH



Smart Coach fitted with Smart features like Wi-Fi based infotainment system, predictive maintenance feature and monitoring of various safety features such as WSP and the surveillance system with intelligent camera and video analytics to be monitored through a Central Processing Unit (CPU) from MCF/RBL through a server through GSM Network remotely has been rolled out in the month of June 2018.

Under onboard coach condition monitoring system smart coach has been equipped with wireless wheel node sensor that records real time condition of the axle, bearing, wheel as well as track and send it to data concentrator with heli pole antenna which further give to PICCU that will finally intimate the concerned person in case of any unusual reading observed. It also has a vibration sensor that will take care of smooth functioning of suspension system.

1. Passenger Announcement/Information system.
2. CCTV with remote Monitoring.
3. Wi-Fi Based Infotainment system as stored in coach computer.
4. Online remote management and coach diagnostics.
5. Wheel slip monitoring, AC condition monitoring along with ambield air condition status.

SALIENT FEATURES OF SMART COACH



Wireless Neck Antenna



Wireless Sensor Node



Data Concentrator For Onboard Condition Monitoring System

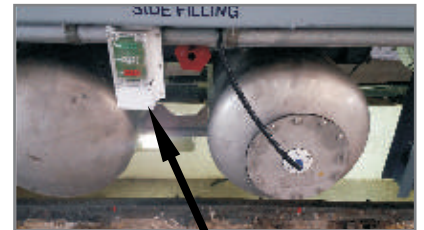


Digital Destination Board

It shows Source to destination details along with Via journey of train Train No. & coach abbreviation



Water Level Indicator In-side Coach



Water Level Indicator Out-side Coach



POE (Power Over Ethernet) CCTV Camera



Passenger Information system



PA system speaker have been installed in the coach

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