Visiting Lecture on KAVACH System in Navprabha Auditorium

Vide Railway Board's letter No. 2025/S&T/Dev/Kavach/Track-Machines dated 13.01.25 & Railway Board's letter No. 2004/Track-III/TK/14 dated 15.01.2025, It has been emphasized that training of Track Machine Operators on Kavach is considered important to ensure safe and effective operation of the system. Therefore, IRTMTC has been entrusted upon imparting training on Kavach. Prior to start training in institute, IRTMTC has planned to conduct some visiting lecture by experienced field officers who have been associated with installation, testing & commissioning of Kavach system.

Sh. Sujeet Singh (Dy.CSTE/Proj.1) & Sh. Abhishek Pratap Singh (SSTE /Project) imparted the training In this regard on 16th april 2026 in Navprabha auditorium of IRTMTC.




System Self test
Onboard Kavach performs an automatic brake test by applying Normal Service Brake (NSB), Full-Service Brake (FSB), and Emergency Brake (EB)
Result will be displayed on the LP-OCIP. If the brake test fails, the Loco Pilot can retest the brakes
System Self Test in Progress


Why we need KAVACH ?
The World's Fastest Trains
Maximum operating speeds of the world's fastest trains (in km/h)
1. Shanghai Maglev 460
2. CR Harmony 350
3. CR Fuxing 350
4. DB Intercity-Express 3 350
5. SNCF TGV 320
6. JR Shinkansen 320
7. ONCF Al Boraq 320
8. Renfe AVE 103 310
257*
NHSRCL 220*
* Expected
statista
Driver Ch
t speeds over 140 km/h, drivers struggle to observe, interpret, and act on line-side signals promptly.
IRTMT







