

## **Field Trip To Signal And Telecommunication Department, Vijayawada as A Part Of MOU**

Total 55 students from MPCs, MECs and MPWET went to a field trip to Railway station, Vijayawada. The Junior Engineer in the Telecommunication Department explained in detail that the Signal and Telecommunication Department is responsible for installation and maintenance of Signalling system essential for the safe & speedy movement of trains and Telecommunication systems required for the effective utilization of the large fleet of locomotives and other rolling stock and track as well as for the administration of the vast Railway Network. Telecommunication is a vital infrastructure for managing any transportation network. Indian Railway has an in-house Railway Telecommunication Network for managing Train operations and staff management and to offer Passenger Amenities. The students were exposed to data transfer process and the various servers being used in the process of Telecommunication.

### **Outcomes of the field trip:**

The students were able to understand

- (a) How to regulate the movement of trains so that they run safely at maximum permissible speeds.
- (b) How to maintain a safe distance between trains that are running on the same line in the same direction.
- (c) How to ensure the safety of two or more trains that have to cross or approach each other.

# FIELD TRIP

