

## HIGHLIGHTS

### Milestone achievements by ETTC/BZA

- ❖ ETTC/BZA has developed the following two Android based Apps first time in Indian Railways which are the pride of honor products and uploaded in Google Play Store.
  1. IR e Locos TSD App: A ready reckoner for trouble shooting of AC locomotives available for Running staff on Indian railways (1,06,132 downloaded).
  2. Diesel Locos Troubleshooting App: A ready reckoner for trouble shooting of Diesel-electric locomotives available for Running staff on Indian railways (59,719 downloaded).
- ❖ ETTC/BZA has also developed a **Crew Monitoring Manager (CMMA)**, a web and android based applications for live monitoring and work analysis of CLIs and is in active use all over the zone.
- ❖ ETTC/BZA prepares its Annual Training Calendar every year as **ETTC Calendar App** and uploads it into the Google Play store.
- ❖ Software for “**Gyan Kasouti**” is developed in three languages by ETTC/BZA and installed in all crew lobbies of South Central Railway.
- ❖ Power point presentation “**Gyan Deep**” on Technical and Safety aspects is developed by ETTC/BZA and same was installed in all crew lobbies of South Central Railway and available in elocos website – link as follows -  
*[http://elocos.railnet.gov.in/Study\\_Material/GYAN\\_DEEP\\_TRACTION.pdf](http://elocos.railnet.gov.in/Study_Material/GYAN_DEEP_TRACTION.pdf)*
- ❖ ETTC web site was linked to the South Central Railway official website under training centres (non-gazetted) in December 2016.
- ❖ Software for “**Automatic question paper**” is developed by ETTC/BZA and question paper (random selection) is selected just 10 minutes before the examination to maintain the strict evaluation of knowledge.

### Improvements in ETTC for efficiency in imparting training

- ❖ “CBC working Model”, “Model OHE” and all types of Loco Bogies were commissioned in ETTC premises for practical demonstration to all the trainees.

- ❖ For improving the effectiveness of the trainee, this Institute is conducting safety seminars, **health camps**, **yoga**, meditation, basic life support system, **personality development course**, **memory skills development course**, **stress relieving lectures** by Brahma Kumari's and **Physical Education Training** before the Pandemic Covid-19 era.
- ❖ Day to day unusual occurrences from 2011 till date (technical and safety related) were analyzed and case studies were prepared and discussed in the classrooms for all the courses.
- ❖ Knowledge Assessment Test (KAT) will be conducted to the trainee on reporting day to assess the knowledge level of each trainee so as to cover their weak areas (implemented from Aug 2014).
- ❖ Knowledge Acquired Test (KAT-I) will be conducted to the trainee on completion of lecture part and before taking them for online practical training to assess their technical knowledge so as to cover their weak areas during handling period.
- ❖ Modern Evaluation methods such as online examination and automatic generated question paper will be used for the above said evaluations.

### **Transformation to combat covid-19**

- ❖ ETTC conducted **online classes** through Microsoft Teams, Zoom, Cisco Webex & Google meet platforms since 15<sup>th</sup> April, 2020. As on 31.01.2022, total **2759** (running), **2443** (TRS) and **965** (TRD) trainees completed training.
- ❖ E-learning Modules prepared in Trilingual for refresher courses and uploaded in Google drive. It comprises of 133 videos and link is being shared to trainees undergoing the course.
- ❖ **Online examination** conducted through Google forms and viva-voce through VC for all refresher courses.
- ❖ **Strict compliance to COVID-19 protocol is being followed for all the mandatory physical trainings in the institute from 14-09-2020 on resuming after lock-down.**