

Courses

Initial Course

Initial course for directly recruited Civil Engineering JE/SSE of the Southern Railway, South Western Railway, ICF, RCF/YNK:

The course aims at providing adequate knowledge of track, bridges, works and other civil engineering aspects.

SRCETC controls their two phases of training and other Institutional Training at IRTMTC/ALD,ZRTI/TPJ and TWC/BZA. This ensures optimum transformation of these Engineers fully equipped for handling the intricacies of the Railways.

Refresher Courses

Refresher courses are conducted for the serving engineers of P.Way, Works and Bridge cadre. These are also advanced courses to refresh and update the knowledge of civil engineers, since all may not have lately worked in those specialised areas.

Promotional Courses

- 1) These courses are organised for the staff promoted from JE/PWay to SSE/PWay.
- 2) Pre promotional courses These courses are organised for the SC & ST staff appearing for the examination for the selection from Group C to Group in 30% and 70%.

Special Courses

These are organised for the JE/SE/SSE of PWay, Works and bridge cadre positions of SR, SWR, ICF, RCF/YNK. Some of the specialist topics covered in such courses includes:

Track

- ✓ Track monitoring
- ✓ Track management systems
- ✓ Management of track machines
- ✓ Points and crossings
- ✓ Rail fractures and welding
- ✓ Track renewals
- ✓ Derailments

Works and General

- ✓ Surveying techniques
- ✓ Gauge conversion Construction Management
- ✓ Contracts and Arbitration
- ✓ Computer applications for Civil Engineers
- ✓ Concrete Technology
- ✓ Water supply

Bridges & Foundations

- ✓ RCC, PSC and Steel bridges
- ✓ Soil mechanics and Geotechnical Engineering
- ✓ Bridge Inspection and Maintenance
Foundation Engineering