

Course

Courses – Initial

Initial course for directly recruited Civil Engineering JE/SE 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

These courses are organised for the staff promoted from PWS to JE/II/P.Way and JE/II/P.Way to SE/P.Way.

Pre promotional courses

These courses are organised for the SC & ST staff appearing for the examination for the selection from PWS to JE/II/P.Way, JE/II/P.Way to SE/P.Way and Group C to Group in 30% and 70%.

Courses – Special

These are organised for the JE/SE/SSE of P.Way, 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

Bridges & Foundations

RCC, PSC and Steel bridges

Soil mechanics and Geotechnical Engineering

Bridge Inspection and Maintenance

Foundation Engineering

Works and General

Surveying techniques

Gauge conversion

Construction Management

Contracts and Arbitration

Computer applications for Civil Engineers

Concrete Technology

Water supply

SRCETC/TBM