



No.T/P/G/2020

Dated: 21-05-2021

PCSTEs of Zonal Railways

Sub: Modalities for completion of Initial training of Promoted JEs (Intermediate) (20% LDCE)

IRISET commenced online Phase I initial training of Promoted JE/Signal and Telecom (Intermediate) in the year 2020 and 2021 for the supervisors selected through 20% LDCE examination, as per the training modules approved by Board. Around 200 Supervisors have been imparted online training of Phase-I so far. There were representations from Zonal Railways to delegate the training to Zonal Railways as these supervisors have adequate exposure to Signalling and Telecommunications Systems in the discharge of duties as Technicians. Also, the training of Promoted JEs, other than those selected through 20% LDCE, is presently conducted by Zonal Railways in their STTCs. Considering the unprecedented pandemic situation in the country and restrictions in all aspects of life coupled with limitations on full capacity utilization for operation of on-campus courses at IRISET, Director General has approved the following modalities for completion of the initial training of Promoted JEs (Intermediate) selected through 20% LDCE, whose initial online training commenced in the year 2020 and 2021, as a special one-time measure.

1. The training on total Theory portion in Phase I and Phase II would be imparted through virtual mode by IRISET.
2. The practical exposure on the laboratory sessions on the systems available on their jurisdiction would be taken care by Zonal Railways soon after the completion of imparting theoretical training on the respective topic. The list of experiments and the explanatory lab sheets is enclosed in Annexure. IRISET would conduct doubt clearance sessions on laboratory sheets through online means, if desired by Zonal Railways. The assessment of trainees in practicals would be done by Zonal Railways.
3. The examination papers would be sent through electronic means by IRISET for conduct of examinations of Phase I and II separately. The nominated Division-wise Nodal Officers for conduct of examinations for Refresher Courses of supervisors are required to coordinate with IRISET in conduct of examinations for Promoted JEs too. After the conduct of examinations, the answer sheets duly signed by invigilating authority should be sent in a sealed cover to IRISET by Registered / Speed post for evaluation. The previous question papers are made available on IRISET website under Learning Resources section.
4. Phase II would be taken up after completion of all components of Phase I including Laboratory exposure and examinations.

5. The project works related activities such as allotment, guidance and evaluation, would be undertaken by Zonal Railways.
6. PCSTEs of Zonal Railways may nominate Principals of Zonal STTCs or other suitable officers for evaluation of lab sheets and assessment of project work who will further consolidate these marks with that of theory examinations received from IRISSET to declare the results.

Since the major portion of the theory in Phase I is completed through online mode for large number of trainees, Zonal Railways are requested to complete the practical exposure of concerned laboratory sessions to the trainees early. The calendar of training for online courses of residual theory portion of Phase I and total theory of Phase II would be intimated in due course of time. The schedule of theory examinations would be notified at appropriate time. Zonal Railways are requested to take necessary action accordingly.

(C. Neelakanta Reddy)
Sr Professor (Training)
For Director General

Enclosures: As indicated above (Annexure A for Promoted JE/Signal and Annexure B for Promoted JE/Tele)

Copy to Executive Director (Signal), Railway Board for kind information

**Laboratory sheets for Trainees of Initial Course of Promoted
JEs(Signal) (Intermediate)**

S No.	Laboratory	Nomenclature of Laboratory sheets
Phase I		
1	Block Signalling	BSL-01, BSL-02, BSL-03, BSL-04, BSL-06 & BSL-07
2	Electrical Signalling	ESL-01, ESL-03, ESL-11 & ESL-14
3	Outdoor Signalling	ODS-01, ODS-02, ODS-03, ODS-04, ODS-09, ODS-10, ODS-13, ODS-14, ODS-16, ODS-17, ODS-21, ODS-23, ODS-24, ODS-25, ODS-28, ODS-29, ODS-31, ODS-32, ODS-33, ODS-34, ODS-36 & ODS-37
4	Train Detection	TDL-04, TDL-05, TDL-06 & TDL-07
Phase II		
1	Block Signalling	BSL-08, BSL-09, BSL-10, BSL-11, BSL-12, BSL-13, BSL-14, BSL-15, BSL-16, BSL-17, BSL-18, BSL-19 & BSL-20
2	Electrical Signalling	ESL-21, ESL-24, ESL-27, ESL-31, ESL-39, ESL-41 & ESL-42
3	Outdoor Signalling	ODS-40, ODS-41, ODS-44 & ODS-45
4	Train Detection	TDL-11, TDL-12, TDL-14, TDL-15, TDL-21, TDL-22, TDL-24, TDL-25, TDL-31 & TDL-32
Note: The access path to the explanatory notes on laboratory experiments in https://www.iriset.railnet.gov.in (Intranet address 10.195.2.19) is Learning Resources – Signalling Resources – Lab Sheets.		

(Annexure B to letter No. T/P/G/2020 dt: 20-05-2021)

**Laboratory sheets for Trainees of Initial Course of Promoted
JEs(Telecom) (Intermediate)**

S No.	Laboratory	Nomenclature of Laboratory sheets
Phase I		
1	Train Traffic Control	CT-01, CT-02, CT-03, CT-04, CT-05, CT-06, CT-07, CT-08, CT-09, CT-10, CT-11 & CT-12
2	Telephony	TE-01, TE-02, TE-03, TE-09, TE-10, TE-11, TE-12, TE-13, TE-15 & TE-16
3	Transmission	TXL-01, TXL-02, TXL-03, TXL-04, TXL-05, TXL-06, TXL-07, TXL-08, TXL-09, TXL-10, TXL-11 & TXL-12
4	Networking Systems	NWL-01, NWL-02, NWL-03, NWL-04, NWL-05, NWL-06, NWL-07 & NWL-08
5	Passenger Information Systems	PI-01, PI-06, PI-07 & PI-08
6	Outdoor Telecom	LP-1, LP-2A, LP-2B, LP-3B, LP-4, LP-5 & LP-6
Phase II		
1	Transmission	TXL-13, TXL-14, TXL-15, TXL-16, TXL-20, TXL-25, TXL-26, TXL-27, TXL-28, TXL-29, TXL-30, TXL-33, TXL-34, TXL-35, TXL-36, TXL-37 & TXL-38
2	Networking Systems	NWL-09, NWL-10, NWL-11, NWL-12, NWL-13 & NWL-14
Note: The access path to the explanatory notes on laboratory experiments in https://www.iriset.railnet.gov.in (Intranet address 10.195.2.19) is Learning Resources – Telecom Resources – Lab Sheets.		