

South Eastern Railway

Office of the
Sr. Divl. Personnel Officer
S.E. Railway, Kharagpur

No. SER/P-KGP/EN/260/10/TCM(Tech-III)/LDCE/syllabus/25
To

Date:- 28.05.2025

The Sr. DSTE(Co-ord.)
S.E. Railway, Kharagpur

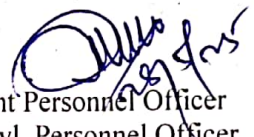
Sub: Approved uniform syllabus for the post of Tech-III/Tele against 25%
LDCE quota in S&T Department of Kharagpur Division.
Ref: PCPO/GRC's letter No. SER/P-HQ/EN/TCM(Tech-III)/LDCE/Syllabus
dated 28.05.2025.

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Enclosed please find the copy of PCPO/GRC's letter cited under reference
regarding syllabus for selection to the post of Tech-III/Tele/TCM against 25% LDCE in S&T
Department of Kharagpur Division.

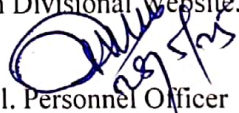
This is for your information and wide circulation amongst all the eligible staff of
this Division so as to enable all the probable candidates to prepare themselves for the
forthcoming examination.

Encls: As above


Assistant Personnel Officer
for Sr. Divl. Personnel Officer
S.E. Railway, Kharagpur
Date:- 28.05.2025

No. SER/P-KGP/EN/260/10/TCM(Tech-III)

Copy to Ch. OS/IT cell/Sr. DPO Office/KGP for uploading the same in Divisional Website.


for Sr. Divl. Personnel Officer
S.E. Railway, Kharagpur

O/c
Shahid
28/05/2025


Deepak Kumar.
28/05/2025

दक्षिणपूर्वरेलवे / South Eastern Railway

मुख्यालय/ Headquarters:
कार्मिकविभाग / Personnel Department
गार्डनरीच, कोलकाता - ७०००४३
Garden Reach, Kolkata - 700043

NO: SER/P-HQ/EN/TCM(Tech-III)/LDCE/Syllabus

Date: 28.05.2025

To
The Dy. CSTE/HQ
The Sr. Div. Personnel Officers
(ADA/CKP/KGP/RNC)
South Eastern Railway

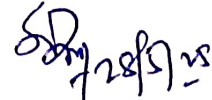
Sub: Approved uniform syllabus for the post of Tech-III/Tele against
25% LDCE quota in S&T Dept. over S.E. Railway.

In order to Standardize the Syllabus for conducting the Selection through CCBT, the syllabus as enclosed has been prepared for probable candidates of the category of Tech-III/Tele (Level-2) against 25% LDCE quota in S&T Dept. over South Eastern Railway. This may be circulated to all concerned so as to enable all the probable candidates to prepare themselves for the forthcoming examinations.

This has the approval of the concerned HOD.

You are therefore requested for the wide circulation of the same and it is also available on the website- www.ser.indianrailways.gov.in .

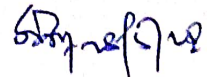
Encl: - As above.



(Satyajit Roy)
Asstt. Personnel Officer (HQ)
for **Pr. Chief Personnel Officer**

Copy forwarded for information to the: -

1. Secy. to GM for kind information of GM
2. PS to PCSTE for kind information of PCSTE
3. PS to PCPO for kind information of PCPO
4. CCE/CSTE(Proj)/CPO(A)
5. Dy. CSTE(Proj)/Dy. CPO(HQ)
6. Sr. DSTEs (ADA/CKP/KGP/RNC)
7. APO(HRMS)/APO(Ruling)
8. OS/HRMS-for uploading in the Railway website



for **Pr. Chief Personnel Officer**

Syllabus of Tech-III (Tele), L-2, LDCE (25%)

1. General Rules & Safety:
 - a) Zonal and Divisional Organization structure
 - b) Personal safety while working in Telecom Gears
 - c) Fire Safety
 - d) First aid and Cleanliness.
2. Communication for Train Operation:
 - a) Control office working, Test room working
 - b) DTMF Way station and HQ equipment
 - c) Emergency Control
 - d) VHF system
3. Measuring Instrument:
 - a) Multimeter, Hydrometer, Earth Tester
 - b) Megger, Cable Fault Locator, Cable Tracer
 - c) OTDR, Optical Power Meter
4. Power Supply and Earthing:
 - a) Type of Cell
 - b) Battery Maintenance
 - c) UPS and Charger
 - d) Earthing
5. Cables:
 - a) Type of Under Ground Cable
 - b) Quad cable color code
 - c) Quad cable testing procedure and standard value
 - d) Quad cable Jointing
 - e) OFC cable construction and splicing
6. Networking:
 - a) LAN and WAN concept.
 - b) Network Devices- Router, Switch, LAN Extender, Media Converter.
 - c) Type of Network used in Railway- Railnet, FOIS, UTS/PRS,
7. Passenger Amenities:
 - a) PA system used in Railway
 - b) IPIS
 - c) GPS Clock
 - d) CCTV system
8. Exchange:
 - a) Periodic maintenance of Exchange.
 - b) Telephones
9. Disaster Management:
 - a) Telecom Equipment in ART and ARME
 - b) Meaning of different Sirens.
 - c) Duty of Telecom staff at accident site.
10. General Rules:
 - a) PASS and Leave Rules
 - b) D&A Rules
 - c) Rajbhasa

Dr. J.