

दक्षिण रेलवे/SOUTHERN RAILWAY

मंडल कार्यालय/ Divisional Office
कार्मिक विभाग/Personnel Department
पालक्काड/Palghat
दि /Dt: 17.02.2023

सं.जे/पी No.J/P.608/VIII/Instructor/MDDTI/PGT

All SS's/ TI's/CHC's Concerned of PGT Division

Sub: Selection for the post of Instructor/Operating (Ex cadre) in Pay Matrix Level - 07 at MDDTI/PGT-Operating Department-Reg.

It is proposed to conduct a **selection** for filling up **1-UR** vacancy of Instructor/Operating (Ex cadre) in Pay Matrix Level - 07 at MDDTI/PGT-Operating Department on tenure basis.

1. The post of Instructor/Operating at MDDTI/PGT is an **Ex-Cadre** post and the tenure should be 05 years in terms of PBC No: 05/2021, from the date of joining the training centre.

2. Eligibility Conditions:

i) Applications are invited from eligible Station Superintendents and Chief Controllers in identical Pay Matrix Level for the post of Instructor/Traffic (Ex-Cadre) in Pay Matrix Level-07 with minimum 10 years service in above grade { i.e If the employee is in Pay Matrix Level-07(GP:4600), She/he should have ten years of service in combined Pay Matrix Level -07 & 06 (GP:4600 & GP:4200)} in operating department working on a regular basis.

ii) Computer literacy and knowledge in Hindi is desirable.

iii) The employees should not be above 55 years of age as on 17.02.2023

3. The selection process will consist of written test (75 Marks) and viva voce in the form of class room lecture trial(25 Marks) in terms of PBC No:109/2019 to evaluate knowledge as well as communication skill of the candidates as both are required for the post of instructors.

4. Written test will consist of objective type question (MCQ) only, in terms of PBC No: a 263/2018.The maximum mark is 100 and qualifying marks is 60 in the written examination for considering to the classroom trial.

5. There will be negative marking @1/3 marks for a wrong answer as per PBC No: 264/ 2019 dated 14.11.2019.

6. The selected employees will be entitled for 12% of Basic Pay as teaching allowance as per PBC No: 109/2019.

7. Syllabus for the selection is enclosed as Annexure II.

8. Applications from the employees who satisfy the eligibility conditions may be forwarded as per the Proforma at Annexure I in one bunch to this office on or before **10.03.2023**

certain. Applications received after the last date will not be entertained under any circumstances.

9. Wide publicity may be given on this notification.

This has the approval of ADRM/PGT.

Encl: Proforma(Annexure I)
Syllabus(Annexure-II)

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(लावण्या बी/ Lavanya.B)

मंकाधि/पघट Divisional Personnel Officer/PGT

कृते वरिष्ठ मंडल कार्मिक अधिकारी

for Sr. Divisional Personnel Officer/PGT

Copy To: Sr.DOM/PGT, Sr.DSO/PGT,
Ch.OS/Optg/PGT, TI/HQ/PGT, TI/OT CELL/PGT, OS/PB/CON,
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A copy of this document can be accessed at Southern Railway Web Site at the following address –

"www.sr.indianrailways.gov.in under the location" About SR-Department-Personnel-Palghat Division" or <http://ibit.ly/2GSTsC7> or <http://rebrand.ly/pgt>".

PROFORMA (ANNEXURE-I)

**APPLICATION FOR THE POST OF INSTRUCTOR/TRAFFIC(Ex-CADRE) AT
MDDTI/PGT IN PAY MATRIX LEVEL-07**

1	Name	
2	Staff/PF No.	
3	Designation/Station	
4	Date of Birth	
5	Date of Appointment	
6	Date of entry into the present grade	
7	Present Pay Matrix Level	
8	Community	
9	Educational Qualification (Proof to be attached)	
10	Teaching Experience(If any)	
11	Details of knowledge in computer and Hindi(Proof if any)	
12	Indicate the option for writing exam	English/Hindi (Strike out whichever is not applicable)
13	Contact No: Rly. & Mob.	

I hereby declare that the particulars furnished by me are true to my knowledge and if found incorrect at a later date, I may be taken up under DAR.

Signature of the employee

Place:

Date:

CERTIFICATE OF THE SUPERVISORY OFFICIAL

The above particulars have been verified and found correct as per the records available at this end.

Forwarded to Sr.DPO/PGT for necessary action.

Signature of the Supervisory Official
With Office Seal and Date

ANNEXURE - II

SYLLABUS

I. TRANSPORTATION

The product of Railways – that is advanced transportation – NTPC and allied Committees and its functions – Role of Railways in freight movement.

Coaching traffic mainly service motivated.

II. GOODS TRAIN OPERATION

Aim – factors affecting speed of goods trains – How to overcome – speed & load – throughput, load of goods trains instead premium rakes, sumo rakes, CC rakes, parivartan rakes – Express goods trains – crack specials, black rakes (end to end) Jumbo rakes – Sherpa rakes – Introduction of latest type of ('N' air brake) wagons – working instructions.

Working out suitable path for goods trains – Express paths – ordering of goods train putting back and cancellation – train notices.

Selection capacity – how worked out – economic line capacity – long and short term measures to improve line capacity.

Wagon turn round – how to improve – Divisional wagon balance. Supply of wagons – pooled and non-pooled – equalization – in exchange points. Average starting wagon load – how to improve loading delay to wagons, especially special type – delay to sick wagons.

Preferential traffic schedule – FOIS – It's role in freight operation.

Freight targets for four years – current commodity-wise loading targets – current wagon loading targets – current freight statistics targets – revenue earning targets.

Working of control offices – Operating position prepared by Trains Branch and its salient features – dedicated freight corridor.

Operation of CC stock – type of BPCs – advantage of through running.

III. MARSHALLING YARD

How marshalling yards are changed to suit present level of traffic and stock – Type of marshalling yards – various components and its functions – facilities that are necessary for operational conveniences.

Yard congestion – causes, remedial measures and advanced required in a marshalling yard.

Documents and registers that are maintained in a marshalling yard - marshalling yard statistics - detention to wagon (average) - detention to loco (average).

IV. MOTIVE POWER

Power arrangements - power control/outage system in our Railways.
Engine links - turn round.

Engine usage statistics - assisting engine hours - other engine hours.
EKM - relative statistics.

V. PASSENGER TRAIN OPERATION

Working out of time tables for passenger trains - rake links - overlapping rakes - Mela specials - VIP trains - superfast trains - factors to be taken into consideration while framing - allocation of time for engineering works.

Factors affecting punctuality - steps to be taken to ensure punctuality - monitoring of daily punctuality - follow up action taken - MR trains primary & secondary maintenance of rakes.

CRIS, RVNL, IRCON, CONCOR, Other PSUs.

Integrated Coaching Management System.

VI. ACCIDENTS

Duties of railway servant - mandatory and supplementary.

Classification of accidents - reportable to Railway Board and C&S - Issue of accident messages, procedures - enquiry into accidents - procedure for conducting and submitting reports.

Relief operations - mustering of volunteers arranging BC & MRV specials in time.

Significance of preservation of clues - measurements at the spot - reporting to higherups - Disaster Management - Action Plan an idea - action to be taken at the accident site to determine 'Prima facie' causes - action to be taken to deal with major accidents involving casualties.

VII. UNUSUAL OCCURRENCES - EQUIPMENT FAILURES

1. Failure of axle counters/track circuits.
2. Failure of motive power.
3. Failure of rolling stock - hot axle - hanging parts - unusual sound - door opening etc.

5. Introducing line block and working of material trains during that period.
6. Working of TTM and material trains efficiently.
7. Facing the abnormal situations such as :

- (a) Passenger's agitation due to late running of trains.
- (b) Bomb threat
- (c) Unruly mob attacking the railway premises due to local bundh.
- (d) Trains derailed due to accident in adjacent section.
- (e) Passenger run over - killed/injured.

8. Power blocks & Jumbo blocks - working tower wagons - emergency power blocks.

VIII. STATISTICS

Introduction to operating statistics - vehicle/wagon usage/statistics train usages statistics - EMU statistics punctuality statistics - wagon usage wagon detention statistics. WKM per wagon day/FTKM Improvements in relation to engine usage.

Operating ratio - common irregularities and remedies.

IX. Traffic costing - In the context of railways - costing organization on railways.

Fixed costs - variable costs - common costs - fully distributed - economic costs - adoption of fully distributed costs on railways. Direct costing - indirect costing - survey method - percent variable method - aim of cost analysis - initial accounts maintained relies heavily on statistics compiled - segregation of expenses gauge-wise - EMUs coaching and goods bifurcation - overall freight cost - green book - Schedules B, C, D, E & O - Container costing of profitability of container services.

X. HOER 10 Hour Rules - Implementation - steps to curb OT - steps to improve 10 hours working.

XI. ORGANISATION OF OPERATING BRANCH

Categories and pay scales - promotional and feeder categories.

X. GRS & BWM