



EAST COAST RAILWAY

Office of the  
Divisional Railway Manager (P)  
Waltair, Date: 19 .01.2023

No. WPV/RSM/JE -25% DPQ/2023

To

**The Sr. DEE/TRS/WAT**

**Sub.:** Filling up the vacancies of Junior Engineer in Pay Matrix Level-6 against 25% Departmental Quota of Electrical/TRS department of WAT division.

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It is proposed to conduct a selection to form a panel of **6 (5 UR + Nil SC + 1 ST)** vacancies in the category of Junior Engineer in Pay Matrix Level-6 against 25% Departmental Quota of Electrical (TRS) department.

The post of JE (TRS) against 25% DPQ is a selection post & filled by Sr. Technicians (TRS & Ancillary) in Pay Matrix Level-6 as per seniority on 1:3 formula. Since the post of JE & Sr.Tech are having identical level, it is required to take unwillingness from the candidates who are in the zone of consideration. The required medical standard for JE (TRS) is A3 (Aye-three).

In terms of RBE No.31/2005, existing Technician Gr.-I who may be senior to those fitted as Sr.Technician as per the procedure in force as on 02.02.2005 will also be considered for the selection. However there being no such Tech.Gr.-I candidates in TRS at present, as such the selection is confined to Sr.Technicians only.

**Eligibility conditions:**

**a) Educational Qualifications: N/A**

**b) Age: N/A**

**c) Medical Classification of the post:** The Medical Classification required to the post of JE is **Aye-three (A-3)** and as such the candidates who pass the written test will be sent for Aye-three medical test and only medically fit candidates will be considered for scrutiny of records.

**d) Mode of Selection:** (i) The selection will be based on Professional Ability determined by a written test followed by assessment of Record of Service based on scrutiny of Service Record and last 3 years APARs.

(ii) As per the provisions contained in IREM Vol.I Chapter II Para 219(g), the selection consists of 50% Professional ability (adjudged by Written Test), 30% Record of Service + 20% seniority marks, as detailed below:

	Factors/Headings	Maximum Marks	Qualifying Marks
(i)	Professional ability	50	30
(ii)	Record of service	30	-
(iii)	Seniority	20	-
	Total	100	60

(iii) The candidates should secure a minimum of 60% marks in the professional ability and 60% marks in the aggregate for being placed in the panel. The names of selected candidates will be arranged in order of seniority confining to the number of vacancies and break-up, but those securing a total of 80% or more marks will be classed as out-standing and placed in the panel appropriately in order of their seniority allowing them to supersede not more than 50% of total field of eligibility. [IREM Vol.I chapter-II Para no.219 (h)(i)]

(iv) The post of JE/TRS is a Safety category and hence **no relaxation of marks are available to the reserved community staff** in the professional ability written test. However, in terms of Para 11.5.5 of Estt.Srl.No.266/99. "An employee (SC/ST) should obtain 60% marks in the professional ability and 60% in the aggregate, excluding marks for seniority. Thus a candidate securing 30 marks out of 50 in the professional ability and an aggregate of 48 out of 80 (i.e., excluding 20 marks for seniority) would be eligible for empanelment".

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- e) **Syllabus for the written examination:** is enclosed as **Annexure-'A'** to this Notification.
- f) **Mode of Written Test:** The duration of the written examination will be 2 hours. The question paper will be 100% objective multiple choice type only as per Railway Board Letter No. E(NG)I/2018/PM1/4, Dt.14.12.2018 (RBE No. 196/2018) and the answer script will be OMR based. The OMR sheet will be evaluated manually. There shall be 110 questions of objective multiple choice type with four options including 10 questions for official language policy & rules, which are not compulsory but optional and the candidate will answer a maximum of 100 questions. In case the candidate answers more than 100 questions, first 100 attempted questions are to be taken for evaluation. Cutting, overwriting, erasing or alteration of any type in answer will not be accepted and zero marks will be given for answer having correction/ overwriting. There shall be **no negative marking** for incorrect answers.
- g) **Training:** The empanelled staff should successfully undergo pre-promotional training for a period of 78 days (13 weeks) as per the training modules indicated in RBE No.200/2017 read with the RBE No.10/2020 before being posted against working post. [RBE No.25/2002 (Estt. Srl. No.32/2002) RBE No.200/2017 & 10/2020].

As per RBE No. 91/2018, the promotion is provisional subject to any further order passed by Hon'ble Supreme Court in SLP (C) No. 31288/2017 and CP (C) No. 314/2016 in SLP (C) No. 4831/2012.

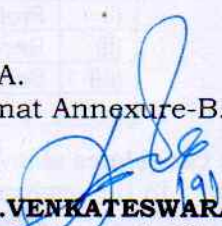
The final field of eligibility in terms of Para - 215(e) of IREM Vol-I, upto three times the number of staff to be empanelled will be called for the selection and the same will be circulated after consideration of unwillingness, if any submitted by the 84 Sr.Technicians listed in Annexure-B enclosed to this notification.

As per RBE No.25/2002 circulated under CPO/GRC's Estt. Srl. No. 33/2002 "Successful completion of training course should be linked to promotion/increment", as such successful completion of pre promotional training course is mandatory for promotion to the post of JE in Elect(TRS) deptt.

In case, any candidate is on leave or on deputation to other Railways/Units/Office or on sick list, the Controlling officer concerned and the offices where he/she last worked should send necessary advice to the authority under whom he/she is working or the Medical Authority as the case may be without fail and acknowledgments obtained.

The above staff may be informed under clear acknowledgement and Willingness / Un-willingness of the above staff on the enclosed **Annexure-'B'** may be obtained and sent to this office on or **before 06.02.2023** under covering letter to finalise the zone of consideration on the above selection please.

- Encl:** (i) Syllabus for the written examination Annexure-A.  
(ii) Staff concerned willingness/ Un-willingness format Annexure-B.

  
**(A.VENKATESWARA RAO)**  
Asst. Personnel officer (Elect.)  
for Sr. Divisional Personnel Officer/WAT

Copy to : SSE(G)/ELS/WAT, SSE/Trip Shed/WAT, SSE/TRS/KRDL & BCHL  
DC/ECORSU & DC/ECORSC  
Ch.OS & In-charge/Computer Sec., Notice Board

  
for Sr. Divisional Personnel Officer/WAT



East Coast Railway  
Electrical Department

**Annexure-A**

Sub:- Syllabus for Selection to the post of **JE(TRS) against 25% DPQ.**

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As per approval of PCEE/ECOR Syllabus circulated vide PCPO/BBS's Lr. No. ECoR/Pers/08/ Elect/Syllabus/JE-IAM & DPQ, Dtd. 05.03.2019.

1. Electrical, Mechanical, Pneumatic and other equipments in Locomotive.
2. Cab equipments in a locomotive.
3. New generation loco equipments like Vigilance control Device, Static Inverter, Microprocessor based control and fault Diagnostics System, VCU, DPWCS etc.
4. Control circuit, Power circuit, Auxiliary circuit of Locomotive.
5. Rating of major equipments in locomotive.
6. Air brake system in locomotive.
7. Rheostatic Braking, Regenerative Braking in locomotive.
8. Loco Log book and Engine fitness certificate of locomotive.
9. Traction Loco Control and PPIO.
10. Inspection and overhauling schedules of locomotives.
11. Safety items in locomotive.
12. Prevention of fire in locomotive.
13. Precautions to prevent derailment of locomotive.
14. Wheel skidding in locomotive.
15. Hauling capacity, Tractive effort of locomotives.
16. Summer drive, winter drive and monsoon drive conducted for locomotives.
17. Various tools and Measuring Instruments used in maintenance and repair of locomotive.
18. General Knowledge and Current affairs.
19. Simple Arithmetic.
20. General Science:- Unit, Measurement, Electricity.
21. Basic fundamentals of Electrical and Electronics.
22. Pass rules, D&A rules, Leave rules, Service conduct rules.
23. RSP, M&P, Works program.
24. Procedure for procurements of stores.
25. Contract labour acts, Wages acts, Labour laws, HOER.
26. General conditions of contract, Labour contracts.
27. Official Language Policy / Raj Bhasha.