

SOUTH CENTRAL RAILWAY



No.SCR/P-SC/210(a)/JE/GS/PRQ/AC

Office of the DRM/P,
Personnel Branch,
Sanchalan Bhavan,
Secunderabad.
Date 09.02.2024

JE/AC/GS (PRQ) Notification

Sub: Formation of panel for filling up of the post of Junior Engineer/AC wing in Level-6 against 25% Promotional quota in Electrical (GS) Department of Secunderabad Division - Reg.

Ref: Sr.DEE/M/SC's letter No SCR-SC/ELEM(EST)/5/2020 dated 05.02.2024.

1.0 It is proposed to conduct a selection for formation of panel for promotion to the post of JE/AC in Level-6 against 25% Promotional quota in Electrical (GS) Department of SC Division. The details of vacancies are as under:

Category	Quota	Level (in 7 th CPC)	UR	SC	ST	Total
JE/AC	25% PR Quota	Level-6	01	--	--	01

2.0 Conditions of eligibility:


- 2.1 Three times of senior most Sr.Tech working in AC Wing of Electrical GS Department to the number of vacancies will be called for selection in terms of Para-215(e)of IREM Vol-I.
- 2.2 The following employees working in the immediate lower grade i.e. Sr.Tech/AC are called for selection in the order of seniority and on the basis of willingness communicated by Sr.DEE/M/SC vide their letter under reference cited

S. No.	PF No.	Name (Sri)	Comm	Present Design./Stn
1	24203325428	N SRINIVAS	ST	Sr.Tech/AC/SC
2	24203325544	K V B SATYANARAYANA RAO	UR	Sr.Tech/AC/SC
3	24203323286	P RAMAKRISHNA	UR	Sr.Tech/AC/HYB

- 2.3 The list of above employees is final. If one or more employees mentioned above give unwillingness for selection on a subsequent date, additional persons will NOT be called to compensate for him/them in terms of Note-2 of Para-215(e)of IREM Vol-I.
- 2.4 The above employees may be notified about the notification and clear acknowledgement may be obtained. In case of any employees, who are on leave/sick list/on line, copy of notification may be sent to their home address.

3.0 Pre-selection training:

- 3.1 Since, the vacancy is not reserved for the SC/ST employees they are not eligible for the pre-selection training.


12.2.24

4.0 Syllabus:

- 4.1 Syllabus for the written test is enclosed as Annexure 'A'.
4.2 There shall be questions on Official Language policy & Rules up to 10% of marks. However, it is not mandatory to attempt the same.

5.0 Sample Questions:


- 5.1 Sample Questions are available on official website - www.scr.indianrailways.gov.in/SC_Division/Personnel_Department the same may be downloaded.
5.2 Sample Questions are only indicative in nature but not exhaustive. The examinees are advised to update their knowledge keeping in accordance with the change of technology and job requirement with latest Rules/circulars/policies.

6.0 Date & Venue of written examination:

- 6.1 The date of written examination and venue will be informed in a short notice hence, employees are advised to be in readiness for written examination.
6.2 Supplementary written test will be conducted if necessary, in respect of staff who could not attend to the scheduled written examination for the reasons as envisaged in Para-223 of IREM Vol-I.

7.0 Mode of selection:

- 7.1 The post of JE/AC being a safety post, there will be no relaxation in qualifying marks, for employees belonging to SC/ST community also and they have to secure minimum 60% of marks in written test & 60% in aggregate on par with UR employees (Para 10.1.1 of S.C.No.320/1999).
7.2 The selection consists of Written Examination, Perusal of Record of service by the nominated Selection Committee and Medical Examination in the prescribed medical classification of B-1.
7.3 Professional Ability will be adjudged through written examination only. The employees must secure minimum 60% marks in professional ability and 60% marks of the aggregate for being placed on the panel.
7.4 Written Examination will be objective type multiple choice questions consisting of 110 questions (including 10 questions on Official Language Rules), of which employees are required to answer any 100 questions only.
7.5 If the employee attempts more than 100 questions, the first 100 attempted questions will ONLY be evaluated. The questions attempted beyond first 100 questions will NOT be evaluated and ignored.
7.6 To ensure authenticity of the answers, Cutting, over writing, erasing or alteration of any type in the answer will NOT be accepted. Zero marks will be given for answers having correction or overwriting or alteration. The employees are strictly advised to note that such types of questions are treated as attempted questions i.e. they will be included in the first 100 attempted questions.


12.2.24

- 7.7 **No negative Marks:** There shall be NO negative marking for incorrect answers as selection is against promotional quota (PCPO/SC's SC No.159/2019).
- 7.8 The duration of examination will be 120 minutes.
- 7.9 Further provisions of PCPO/SC's SC No.212/2018 will be applicable for the said written examination.
- 7.10 **Medical Examination:** Employees qualified in written test must be fit in B-I (Bee-One) medical classification. In the event of not meeting the requisite medical classification, their names will be dropped.
- 7.11 **Eligibility for empanelment:** On being found fit in prescribed medical classification, the names of selected employees shall be arranged in the order of seniority on the basis of factors/procedure in terms of Para-219 of IREM Vol-I in respect of this selection and in terms of PCPO/SC's Lr. No. P(R)605/XI, dt:22.08.07.
- 7.12 **Training:** The empanelled employees are required to undergo training for a period of 13 weeks in terms of PCPO/SC's SC No.22/2018.
- 8.0 **Notifying to the staff:**
- 8.1 The controlling officer/supervisor shall give wide publicity of the notification to all the eligible staff of Electrical (GS) Department of SC Division and notification should be displayed at conspicuous place. It is the responsibility of controlling officer/supervisor to circulate the notification among the staff concerned.
- 8.2 In terms of Railway Board's Lr.No.E(NG)I-72/PM1/166, dated 26.06.1972, PCPO/SC's S.C.No.213/72, the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible employees were duly notified of the holding of the test and asked to submit their applications duly giving their willingness" and forward the same to Sr.DPO/O/SC.It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible employees. In case of non receipt of any communication the same may be obtained from the Personnel Department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.
- 8.3 The Notification, Sample Question Bank is placed on SCR website:
(www.scr.indianrailways.gov.in→About us→ Divisions→Secunderabad→ Personnel→ Question Banks→(JE/AC/GS -PRQ) Sl.No 44

This issues with the approval of Competent Authority.

Encl: Syllabus will be enclosed shortly (Annexure-A)

Digitally Signed by G
Lakshmi Surekha
Date: 12-02-2024 19:05:57
Reason: Approved

(G Lakshmi Surekha)
APO-M&EL/SC
for Sr.DPO/SC

Copy to:

- 1) Sr.DEE/M/SC 2) SDGM/Vig./SC (kind attention of Dy.CVO/P/SC)
3) OS/Selection Cell 4) Ch.OS/IT Cell: for uploading in website.
5) DSs/SCRES/SCRMU/AISCSTREA/SCROBCREA/SC division.

SYLLABUS FOR SELECTION TO THE POST OF JE/AC IN PAY BAND Rs.9300-34800 •
GP:Rs.4200/-AGAINST 25% PROMOTIONAL QUOTA IN ELECTRICAL (GS) DEPARTMENT ON SC

01. Should have General Knowledge of Principles of electrical engineering, Ohm's Law, calculation of current, voltage, resistance and power factor.
02. Should have knowledge of working principles of various types of DC Motors, their maintenance, testing, overhaul and fault location.
03. Should have knowledge of carriage fan testing, fault location must be able to conduct earth tests, insulation test.
04. Should have knowledge of various electrical contacts like thermostats, pressure cut outs, their circuitry with emphasis on control panels used on 110 Volts AC Coaches.
05. Should have knowledge of the functioning of brushless alternators, regulators, their testing and fault location.
06. Should have knowledge of protection systems using fuses, over loads and their applications.
07. Should have knowledge of working principles of AC Motors, single phase and 3 phase, their operation and maintenance, fault location.
08. Should have knowledge of the principles and operation of refrigerator compressors, their maintenance practices overhaul of the various makes used on AC Coaches.
09. Should have knowledge of condensers, evaporators, expansion valves and other equipments used on refrigeration and air conditioning system.
10. Should have knowledge and working of central, package room air conditioners, refrigerators with associated equipments, their maintenance and operation, should be conversant with the use of Refrigerants used on AC equipments charging etc.
11. Should be conversant with the use and erection practices of Refrigeration piping arrangements, joining techniques and testing.
12. Should have knowledge of regarding batteries and battery charging initial maintenance, treatment, over haul etc.
13. Should have knowledge fire accidents in trains, remedial action to be taken and reporting of such accidents.
14. Should be able to deal with office correspondence accountal of stores, safety etc.
15. Should possess good knowledge of I E Act and various codes of practice especially with reference to the work connected with Refrigeration and Air conditioning equipments.
16. Should have knowledge of working principles of Power Cars and RDSO Modification sheets.
17. Trouble shooting of AC Coach defects on line.
18. Difference between LHB and SG Coaches.
19. Advantages and Additional features provided in LHB Coaches.
20. Rajbasha implementation and rules.