



# SOUTH CENTRAL RAILWAY

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

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

Date:01.11.2021

## JE/M/GS (PRQ) Notification

Sub: Formation of panel for filling up of the post of Junior Engineer/Maintenance in Level-6/GP 4200, against 25% Promotional quota in Electrical (GS) Department of Secunderabad Division - Reg.

Ref: Sr.DEE/M/SC's letter No.SCR/SC/ELEM(EST)48/2020 dated 27.10.2021.

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- 1.0 It is proposed to conduct a selection for formation of panel for promotion to the post of JE/M in Level-6/ GP 4200 against 25% Promotional quota in Electrical (GS) Department of SC Division. The details of vacancies are as under:

Category	Quota	Level (in 7 <sup>th</sup> CPC)	UR	SC	ST	Total
JE/M	25% PR Quota	Level-6	02	0	01	03

### 2.0 Conditions of eligibility:

- 2.1 Three times of senior most Sr.Tech of combined seniority (PM.&TL.wing) 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/PM/TL are called for selection in the order of seniority and on the basis of willingness communicated vide Sr.DEE/M/SC's letter under reference cited

S. No.	PF No.	Name (Sri)	Comm	Present Design./Stn
1	03376588	M.SUNDER TULCHYA	ST	Sr.Tech/TL/HYB
2	03323742	PELLAY VENUGOPAL	UR	Sr.Tech/M/DLS/KZJ
3	09018888	M.MOTILAL NAIK	ST	Sr.Tech/TL/VKB
4	03326688	PANDU C	ST	Sr.Tech/TL/HYB
5	03325283	RADHAKRISHNA B	ST	Sr.Tech/TL/SC
6	03325246	RAMLOO C	ST	Sr.Tech/M/SS/SC
7	03325404	RAJENDER D	SC	Sr.Tech/M/KZJ
8	03325362	M.YELLAIAH MUTHAIAH	SC	Sr.Tech/M/BDCR
9	03364471	PARAMESWAR RAO S	ST	Sr.Tech/M/MLY

- 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 Sr.DEE/M/SC shall arrange for pre-selection training to the 'ST' employees for a period of 3 to 4 weeks at the earliest, which shall cover entire syllabus in terms of PCPO/SC's SC No.41/98 and SC No.245/2001.

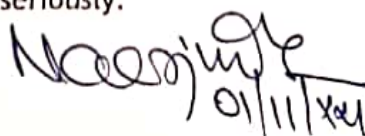
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01/11/2021

- 3.2 This pre-selection training shall be imparted as far as possible at Zonal Training or System Technical Training School at the earliest.
- 3.3 In case any of reserved community employee is unwilling to undergo pre-selection training, a written declaration in this regard shall be obtained and sent to this office for record.
- 3.4 These instructions should be adhered to strictly in an effective manner so that the performance of the reserved employees may come up to the required standard.
- 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 upto 10% of marks. However, it is not mandatory to attend the same.
- 5.0 Sample Question Bank:
- 5.1 Sample Question Bank is available on official website - [www.scr.indianrailways.gov.in](http://www.scr.indianrailways.gov.in). the same may be downloaded.
- 5.2 Sample Question bank is 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 after completion of the pre-selection training. 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/M being a safety one, there will be no relaxation in qualifying marks, for employees belonging to SC/ST community. 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 and Medical Examination.
- 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.

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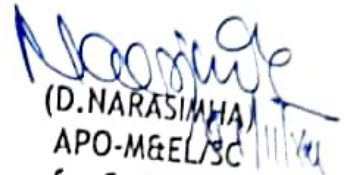
- 7.4 Written Examination will be objective type multiple choice question paper consisting of 110 questions (including 10 questions on Official Language Rules), of which employees are required to answer any 100 questions.
- 7.5 If the employee attempts more than 100 questions, the first 100 attempted 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 type of questions are treated as attempted questions i.e. they will be included in the first 100 attempted questions.
- 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 A-III(Aye-Three) 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@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.

  
01/11/2018

8.3 The Notification, Sample Question Bank is placed on SCR website:  
([www.scr.indianrailways.gov.in](http://www.scr.indianrailways.gov.in)→About us→ Divisions→Secunderabad→  
Personnel→ Question Banks→ JE-II(NON AC -PRQ)

This issues with the approval of Competent Authority.

Encl: Syllabus enclosed as (Annexure-A)

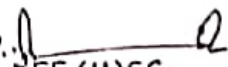
  
(D.NARASIMHA)  
APO-M&EL/SC  
for Sr.DPO/SC

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/GS (NON AC) IN PAY BAND  
Rs.9300-34800 + GP:Rs.4200/-AGAINST 25% PROMOTIONAL QUOTA IN  
ELECTRICAL (GS) DEPARTMENT ON SC DIVISION.

01. Principles of electrical engineering, Ohm's Law, calculation of current, voltage, resistance and power factor.
02. Reading of circuits.
03. PVC wires and cables, their sizes and their current rating capacities (Aluminium & Copper).
04. Calculation of energy bills. (H.T.)
05. Earthing, measurement of earth resistance, insulation resistance.
6. Knowledge of safe working as per I.E. Rules, clearances, etc.
7. Maintenance schedules of 11 KV/440 V sub-station and transformers.
8. Maintenance of AC Motors with starters and their connection diagram (D.O.L. and Star & Delta). Trouble shooting and rectification.
9. TL System: Coach wiring diagram, working of alternators / Regulators and their maintenance schedules including in LHB Coaches.
10. Principle of refrigeration & Air conditioning system, Knowledge of window/split AC Units, water coolers and their maintenance schedules, AC Coach system and working of various equipments viz., RMPU with control Panel, under slung equipments, inverters, alternators, regulators, WRAs, pre-cooling transformer and their maintenance schedules. Trouble shooting of AC Coach defects on line.
11. Principle and working of VRLA/LMLA battery and their maintenance schedules. Initial charging of LMLA battery.
12. Fire prevention measures in AC/TL coaches.
13. Different types of pumps used in Railways, their application and maintenance schedules.
14. Raj Basha implementation, knowledge of Stores rules and General Knowledge.

M. J.   
Sr. DEE (M) SC