



**SOUTHERN RAILWAY**

Headquarters Office,  
Personnel Branch,  
Chennai – 600 003.

No. P(S)608/VII/Instr/Vol.VIII (Pt)

Dated : 14.11.2022.

**Sr.DPO/MAS TPJ SA & TVC  
Dy.CPO/CW/PER  
DPO/MDU & PGT WPO/GOC  
APO/Elec. WS/PER APO/RE/MS & CN/MS**

Sub : Selection to the post of **Instructor /TRS [Ex-Cadre]** in Pay Matrix Level-6 [GP Rs.4200] at **ZETTC/ AVD**.

\*\*\*\*\*

It is proposed to conduct a selection for filling up the "**Three**" vacancies of **Instructor / TRS [Ex-cadre post]** in Pay Matrix Level-6 [GP Rs.4200] at **ZETTC/AVD** by calling for volunteers from Pay Matrix Level-7 [GP Rs.4600] and Pay Matrix Level -6 (Grade Pay Rs.4200) of **7<sup>th</sup> CPC Pay Matrix**.

**ELIGIBILITY CRITERIA :**

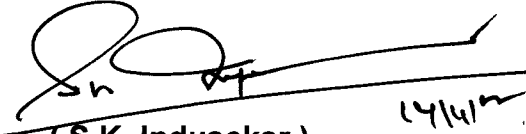
Educational Qualification	B.E / B. Tech / AMIE / Diploma in Electrical / Electrical and Electronics /Electronics / Electronics & Communication Engg / Electronics and Instrumentation / Mechanical Engg.
<b>Eligible staff from Electrical Department to be called for</b>	SSEs in Pay Matrix Level-7 in 7th CPC [GP Rs. 4600] JEs in Pay Matrix Level-6 in 7th CPC [GP Rs. 4200] <b><u>Exchange of Posts:</u></b> In the event of SSE in Level-7 from Field Unit / Division/Workshop having been selected to the post of Instructor/ TRS at ZETTC/ AVD in Level-6, then the posting as Instructor at ZETTC/ AVD in Level-6 will be made by exchange of posts between Unit/Division/Workshop and Institute for the entire tenure period of the SSE selected as Instructor [i.e.] Pay Element of Level-7 from Field Unit / Division/Workshop will be exchanged with the Pay Element of Level-6 of Institute to the respective Unit/ Division/Workshop from which the SSE is selected and will be in force till the tenure of the incumbent at the Institute is completed.
Experience	Minimum 3 years of experience in Electrical Department.
Age Limit.	55 years on the date of notification.
Tenure	5 Years
Other conditions	Employees already working in another Ex-cadre post need not apply. It should be ensured that while forwarded the applications of volunteers, necessary conditions as indicated in PBC No.169/2001 and 72/2005 are strictly complied.

## **2.0 SELECTION PROCEDURE**

- i) 100% objective type Written Examination with negative marking followed by Class Room Trial in respect of qualified candidates in the Written Examination.
- ii) In terms of PBC No. 263/2018 and 46/2019, the Written Examination shall comprise of 100% Objective Type multiple choice questions.
- iii) In terms of PBC 264/2019, there shall be negative marking @ 1/3<sup>rd</sup> mark reduced for every wrong answer.
- iv) Selection will be based on merit as per the instructions contained in RBE No. 4/2020 read with RBE No.39/2020.
- v) In terms of Railway Board's letter No. Hindi/87/OL/1/10/3 dated 03.11.1988, there will be questions in Official language policy & rules for at least 10% of the total marks prescribed which is optional.

## **3.0 GENERAL INSTRUCTIONS FOR SUBMITTING APPLICATIONS**

- i) Applications should be submitted through online mode **only from 29.11.2022 to 14.12.2022** at <https://nofications.srhqpb.in> duly adhering to the procedures and instructions envisaged in PBC No.150/2022 dated 30.08.2022.
- ii) The link for the web portal will be made available from **29.11.2022** in the Personnel Department Internet notification <https://nofications.srhqpb.in> and also, **in the Railnet website** of Southern Railway.
- iii) The employees willing to apply for the above selection have to submit their applications through the above mentioned website in online mode only. **Applications received from any other mode will be summarily rejected.**
- iv) The employees should upload the requisite documents in the above mentioned **website in PDF format as a single file only.**
- v) After submission of the application by the employee, Cadre Personnel Officer will download the application and certify the correctness of the application and upload it for further processing at HQ.
- vi) The **'Syllabus'** for the selection is annexed herewith for information to the applicants.
- vii) If there are no volunteers for the proposed selection of Instructor (TRS), then the Cadre Controlling Officer / Personnel Officer concerned shall send **'NIL' report on or before 14.12.2022 through e-office certainly** to avoid delay in processing of the selections.
- viii) Wide publicity may be given to this letter, duly exhibiting in the office notice boards for information of all staff concerned.

  
( S.K. Indusekar )

Asst. Personnel Officer/T,M&E  
for Principal Chief Personnel Officer

Copy to : PCEE CELE CEGE – **For kind information please.**  
CEE/CN/MS CPD/RE/MS  
Principal of ZETTC/AVD Sr.DEE/OP/MAS  
Sr.DEE/TRD/MAS TPJ MDU SA PGT & TVC  
Sr.DEE/GS/MAS TPJ MDU SA PGT & TVC  
Sr.DEE/RS/AVD VLCY & TBM  
Sr.DEE/ELS/AJJ ED RPM  
Sr.DEE/OP/PGT & TVC

## SOUTHERN RAILWAY

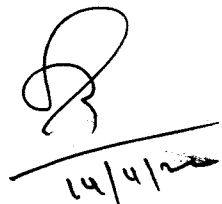
### SYLLABUS FOR INSTRUCTOR / TRS [EX-CADRE] AT ZETTC / AVD IN PAY MATRIX LEVEL "6" OF 7<sup>TH</sup> CPC [GP RS.4200]

#### General :

1. Organizational structure of Indian Railway & Electrical Department.
2. History and importance of Railway Electric Traction.
3. Railway Electrification.
4. Inter – Departmental Co-ordination.
5. Communication, Teaching skills, Knowledge of public speaking & General Knowledge.

#### Technical :

1. Should know the principles of electro-magnetism, details of construction and application to various types of electrical machines and appliances such as motors, transformers, relays etc.,
2. Should be fully conversant with different types of windings used in armatures of D.C. motors and generators of D.C. Motors and Generators and Starters and Rotors of AC Machines.
3. Should be able to test, locate and rectify faults in armature and field coils of electrical machines and accessories.
4. Should know uses of various types and sizes of wires and cables, their current carrying capacities, different types of installations, windings binding, baking, shell aching, varnishing etc., including 'A', 'B' and 'C' class insulation.
5. Should be conversant with the procedure in drying out and impregnating armatures, etc., and operations and repairs of the impregnating plant.
6. Should be fully conversant with operation and maintenance of machinery such as pumps, transformers, motors, starters and associated protective devices.
7. Should be conversant with the working and use of common types of measuring and testing instruments.
8. Should be conversant with the rules for the safe working on Electrical equipment, provisions of Indian Electricity Act, GRS, 25 KV AC / Traction, TXR hand book, first aid, procedure etc.,
9. Should be well conversant with the Power and Control Circuits in the Electrical Multiple Units and locos.
10. Should be proficient in the details and the working of electric traction equipment in locomotives as well as EMUs.
11. Should be conversant with maintenance and operation of Mechanical equipment of the rolling stock such as brake gear, draw gear, buffer, alarm chain etc., standard moving dimensions, condemning sizes of wheels etc.
12. Should be conversant with testing of all control and power circuits earth connections, etc. of Electric rolling stock, both locos and EMUs.
13. Should be conversant with all types of braking system both loco and EMUs.
14. Latest developments in Electric Loco & EMU like VCB, FDCS, SIV, TPWS, etc.
15. 3 Phase loco working & its advantages over conventional loco.
16. 3 Phase EMU working & its advantages over conventional EMU.

  
14/4/20

## INSTRUCTIONS FOR ONLINE APPLICATION

Link for applying online -[www.sr.hqpb.in](http://www.sr.hqpb.in)

### Instructions to Candidates: -

- (i) The willing employees will have to click on the link. The link will lead to the application format in which the candidate needs to fill up the required particulars.
- (ii) The application format has to be filled up carefully and after the employee is satisfied that all the particulars have been correctly filled up, he/she should register. Once registered the employee will not be able to make any change in the application.
- (iii) After registration, a unique application number will be allotted to the employee and the employee should download and take a print of the filled in application from the portal in PDF format.
- (iv) In the print out, latest photograph of the employee should be affixed in the space provided and his/her signature should be affixed in the space provided.
- (v) In the above application, the photograph should be attested by the controlling supervisor / official and the application should be forwarded by the controlling supervisor/official affixing signature duly mentioning the name, designation along with the seal of the forwarding supervisor / official.
- (vi) The application completed in all respect duly forwarded by the Controlling supervisor / official, community certificate (for SC & ST only) & any other relevant documents, should be scanned as a single PDF and uploaded in the portal after obtaining Competent Authority approval.**
- (vii) Employee can thereafter login either by using “IPAS number & date of birth” or “Application number & date of birth” for uploading above scanned copies by using the “Upload the application” option in the portal.
- (viii) Employee can also download acknowledgement for the submission of his/her application. The employee may use the unique application number to check the status of his application/ instructions later on.
- (ix) For any assistance required with regard to the above **Shri M Karthik, Ch S&WI** may be contacted in the mobile number **22766** during office hours.

### Instructions to Personnel Department Officer -

- (i) The access to the online application at the stage of scrutiny and further forwarding will be restricted to the officials granted user rights at the level of Dealer(s), Personnel Officer/ Divisional Officer etc.
- (ii) The user rights and passwords already provided may be utilized.
- (iii) The respective cadre dealer / controlling Personnel Officer should verify the correctness of the particulars of each application with the Service Register and other available relevant records. After due verification, **each online** application has to be certified and forwarded online with remarks, if any. In addition an excel file containing all the relevant details of all application should also be downloaded. The downloaded excel data file also has to be verified and corrections, if any, has to be carried out duly indicating the same in the remarks column without fail. The same has to be uploaded in the website along with the covering letter, the same should be forwarded in e-office to the undersigned as e-receipt on or before 17.00 hrs of 29.11.2022
- (iv) The Personnel Officer concerned should reject the ineligible application duly specifying the reason for rejections.
- (v) Divisions and units may set up **suitable helpline and give wide publicity** to the same along with details including mobile number of the person who can be contacted for any assistance.