

EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED
CORPORATE OFFICE :: VISAKHAPATNAM
P&T Colony, Seethammadhara, Visakhapatnam – 530 013
CIN : U40109AP2000SGC034117

Circular Memo No. E-472813-EPCOR- 06002(46)/1/2025-MPS-1-
COR/I.No. 586408 /25/ Dt. 13 . 05.2025

Sub:- APEPDCL/HRD/MPP2 – Filling up of the posts of Junior Engineers in Telecom and IT Wings through appointment by transfer- Conducting of Eligibility test – Inviting of applications through Online to appear for the written test – Certain instructions – Issued – Reg.

- Ref:-
- 1) E.O.O.(HRD)Ms.No.110, Dt. 22.09.2024
 - 2) Memo No. E-422984/EPCOR-06002(95)/15/2023-MPS-1-COR/ I.No. 583197/25, Dt.23.04.2025
 - 3) Memo No. E-422984/EPCOR-06002(95)/15/2023-MPS-1-COR/ I.No. 583292/25, Dt.23.04.2025
 - 4) Lr.No. SE/O/SKL/EE.T/PO/JAO/ADM/A2/D.No.721/25, Dt. 28.04.2025
 - 5) Lr.No. SE/O/VZM/ADM/DGM/JAO/C1/D.No.320/25, Dt. 26.04.2025
 - 6) Lr.No SE/O/VSP/EE.T/DGM/JAO/ADM/SA1D.No.451/25, Dt. 24.04.2025
 - 7) Lr.No. SE/O/RMV/EE.T/PO/JAO/ADM/SA1/i>no.583670/25, Dt. 25.04.2025
 - 8) Lr.No. SE/O/SKL/EE.T/PO/JAO/ADM/C2/I.No. 583684/25, Dt. 25.04.2025
 - 9) U.O.No. EPCOR-07008/114/2020-CPR-CORJAO/PR/ I.No. 585289/25, Dt. 06.05.2025

In the E.O.O.(HRD)Ms.No. 110, Dt. 22.09.2024, new Operation Circles/ MRT Divisions were formed. Consequent on formation of New Operation Circles, the Telecom and IT exigencies were expanded to 11 Operation Circles. Hence, there is a need for the posts of Junior Engineers in Telecom and IT Wings to cater the operational exigencies of APEPDCL.

2) After careful examination, online applications are invited from the eligible in service employees (except Energy Assistants (JLM Gr.II) and employees joined on or after 10.02.2022) in any cadre in any service who are approved probationers i.e. O&M, Accounts, P&G Services and who are having Diploma/ B.Tech qualification in Electronics & Communication Engineering (ECE); Electronics & Instrumentation Engineering (EIE); Information Technology Engineering(IT) and Computer Science Engineering (CSE) to fill up Junior Engineer posts in Telecom and IT wings based on requirement, subject to availability of vacancies in these wings.

3) All desirous and eligible candidates who have completed their Diploma/ B.Tech qualification in Electronics & Communication Engineering (ECE); Electronics & Instrumentation Engineering (EIE); Information Technology

Engineering(IT) and Computer Science Engineering (CSE) who are seeking appointment by transfer as Junior Engineer as per the procedure laid down shall apply for the eligibility test to the post of Junior Engineer through online after satisfying themselves that they are eligible as per the terms and conditions of this notification:

- i. Their candidatures will be considered for appointment by transfer in Telecom and IT Wings as Junior Engineers based on requirement subject to availability of vacancies.
- ii. JLM Gr-II employees and employees joined on or after 10.02.2022 are not eligible to apply/ write the written examination to the post of Junior Engineer.
- iii. Syllabus for written test for the post of Junior Engineer is enclosed.
- iv. The cases will be considered for appointment by transfer from Junior Engineer to AE/AEE in Telecom and IT Wings of APEPDCL only on completion of minimum qualifying service of 5 years in the cadre of Junior Engineer after conducting an eligibility Test subject to availability of vacancies.

Procedure of Selection:

- The position of Junior Engineer in Telecom and IT Wings primarily involves the responsibilities related to Telecommunications and Information Technology. The candidates should have a solid understanding of Telecom and IT domains.
- Hence, the selection process consists of 2 phases [Preliminary written test on multiple choice questions & Main written test i.e., Programming in descriptive mode of questions.
- The two exams will be conducted in offline mode.
- The preliminary written test will be conducted on 100 multiple choice questions and the test will be of 2 hours duration. The qualified candidates in preliminary written test who have acquired a minimum of 40 marks are only eligible for main descriptive exam.
- The Main written test will be conducted on descriptive questions related programming and the test will be of 2 hours duration.
- The qualified candidates in Main descriptive written test who have acquired a minimum of 40 marks are only eligible for appointment by transfer to the post of Junior Engineer subject to availability of vacancies.
- As per the clarification issued vide Memo No. HRD/ MPS/ MPP/ F.No. 353/12/ D.No. 332/13, dt. 07.05.2013, in respect of methodology to be followed for appointment by transfer to the post of Sub-Engineer (Now Junior Engineer) from Accounts, P&G and O&M Services is as follows:
“In respect of appointment by transfer to the post of Sub-Engineer, the seniority from the date of entry into service shall be considered, if he is otherwise eligible irrespective of date of passing of Diploma in Engineering or any other equivalent qualification”.
- The selection will be made with the qualified candidates as per the above instructions.
- Rule of Reservation will be followed in selection procedure.

Application Procedure:

- i. The online applications will be available on the APEPDCL website www.apeasternpower.com. The candidates shall apply online

through the APEPDCL website as per the dates mentioned in the Schedule:

Submission of Application:

The Candidate has to logon to the website <http://www.apeasternpower.com> and click on **the link** on APPLY ONLINE to view the detailed notification, User Guide and Application Form.

The applicants shall invariably fill all the relevant fields in the Application. Immediately on submission of application form through online, the Applicant will get an acknowledgement in the form of a downloadable pdf document.

- ii. Candidates are required to retain a photocopy of application form with Reference ID for future reference.
- iii. The applicant is required to visit the website "APEPDCL Website www.apeasternpower.com" regularly to keep himself updated until completion of the selection process. The APEPDCL Website information is final for all correspondence.
- iv. Submission of online application by the candidate is taken as authentication that he has read the notification and shall abide by the terms and conditions laid down therein.
- v. Applications sent other than the On-line mode will not be entertained and they are deemed to have been rejected and no further correspondence will be entertained on those applications.
- vi. Applicant must compulsorily fill-up all relevant fields of application and submit application through online only.
- vii. Incomplete/incorrect application form will be summarily rejected.
- viii. The information if any furnished by the candidate subsequently in any form will not be entertained by APEPDCL under any circumstances.
- ix. The claim of the candidates with regard to the date of birth, educational/technical qualifications and community are accepted only provisionally on the information furnished by them in their application form and is subject to the verification and satisfaction of APEPDCL.
- x. Mere admission to any test or inclusion of the name of a candidate in a merit list will not confer on the candidate any right for appointment. The candidature is therefore provisional at all the stages and APEPDCL reserves the right to reject candidature at any stage of the selection even after the advice has been made.
- xi. If the particulars furnished in the online application form do not tally with the Original documents produced by the Candidates and not falling under the eligibility criteria, their candidature will be rejected.

Tentative Schedule of Activities for Preliminary Written Test:

S.No	Particulars	Schedule date
1	Issue of Internal Notification/ Circular	13.05.2025
2	Commencement of Submission of Online Application Form	16.05.2025
3	Last date for submission of Online Applications	09.06.2025 by 17.00 Hrs.
4	Correction of online application data by the candidate	11.06.2025 by 17:00 Hrs.
5	Downloading of Hall Tickets from the website	19.06.2025

6	Date & Time of Preliminary written test	22.06.2025 from 11.00 a.m. to 01.00 p.m.
7	Declaration of Preliminary Key	22.06.2025 17:00 Hrs
8	Last Date for receiving of objections on Preliminary Key	23.06.2025
9	Declaration of Final Key	24.06.2025
10	Declaration of Results	24.06.2025

Department's decision to be final:

The decision of the APEPDCL shall be final and binding in all aspects pertaining to the application and its acceptance or rejection and Selection of Candidate as the case may be during the course of selection process.

4. The employees who are seeking appointment by transfer as Junior Engineer shall invariably submit an undertaking duly signed by the candidate to that effect in the prescribed form enclosed and upload the same while applying for the written test. The applications without the undertaking will be summarily rejected and the applicant is solely responsible for submission of undertaking in the prescribed format.

5. All the Superintending Engineers/Operation and Executive Engineers are requested to ensure that the employees working under their control are well informed regarding this Circular Memo about the written examination to be conducted for filling up of the post of Junior Engineer on appointment by transfer, so that the eligible employees can utilize this Opportunity. Further, they are requested to place the above Circular Memo in their notice boards.

Encl: i) Undertaking
ii) Syllabus

PRUDHVI TEJ IMMADI, IAS
CHAIRMAN AND MANAGING DIRECTOR

To

All the Superintending Engineers/ Operation Circles/ APEPDCL
All the Executive Engineers/ APEPDCL

Copy to:

The EE/Tech to CMD /APEPDCL/ Corporate Office /Visakhapatnam
The AO to Director(Fin & HRD) /APEPDCL/Corporate Office/Visakhapatnam
The Dy.EE/Tech to Director(Projects)/APEPDCL/Corporate Office/VSP.
The AEE/Tech to Director(Operations)/APEPDCL/Corp. Office/Visakhapatnam.
All the Chief General Managers/ APEPDCL/Visakhapatnam.
The Chief General Manager/IT/ APEPDCL/Visakhapatnam.
...He is requested to place the above Circular Memo in the APEPDCL website.

All the GMs/SEs/ APEPDCL/Visakhapatnam
All the Dy.General Managers/APEPDCL

All the SAOs/ Finance/APEPDCL
The Pay Officer/ APEPDCL/ Visakhapatnam
All the AOs/ Finance/APEPDCL
The Accounts Officer/ CPR/ AEPDCL/ Visakhapatnam
All the Personnel Officers/ APEPDCL
The Stock file.

UNDERTAKING

[As per Memo.No.EPCOR-06002(46)/1/2025-MPS-1-COR/I.No.586408/25,
Dt. 13.05.2025 for appointment by transfer as Junior Engineer/ Telecom & IT

I, _____ S/o/
D/o _____, ID No. _____ working as
_____ in Eastern Power Distribution Company of
Andhra Pradesh Limited hereby undertake that I am allowed for the written
test for appointment by transfer to the post of Junior Engineer in Telecom & IT
wings, subject to the following conditions:

- a) I will not prefer any appeal either before the management of APEPDCL or before any Hon'ble Court for the post of Junior Engineer/Electrical.
- b) Mere issue of Hall Ticket for attending the written examination and qualifying in the written examination does not confer any right to us for selection for appointment by transfer to the post of Junior Engineer and the decision of the APEPDCL is final in this regard.
- c) I will not prefer any appeal either before the management of APEPDCL or before any Hon'ble Court in case of reversion to my original post consequent on final outcome of the court cases pending before the Hon'ble Courts pertaining the qualification and other allied issues relating to appointment by transfer as Junior Engineer.
- d) I will abide by the orders of management of APEPDCL and conditions mentioned in the Circular notification.
- e) I will not claim my previous (O&M) service for any purpose during future service of Junior Engineer.
- f) Irrespective of decision of Hon'ble High Court in pending case on the issue of validity of amended regulation 6 (a) SR Part III, I shall not claim service weightage pertaining to my past service rendered in other services and will abide by the amendment issued by APEPDCL to the Regulation 6 (a) vide E.O.O.225, Dt.25.10.2022, when my turn comes up for appointment by transfer to the post of Assistant Engineer as per rules

I shall abide by the Terms & Conditions specified in the above circular instructions by the Eastern Power Distribution Company of Andhra Pradesh Limited and as amended from time to time relating to the subject matter of Appointment by Transfer to the post of Junior Engineer in Telecom & IT Wings.

Signature:

Name:

Designation:

Place of working:

Date:

SYLLABUS

1. Introduction to Coding

1.1. Basics of Programming

- What is programming?
- Types of programming languages (compiled vs interpreted)
- Setting up a development environment (e.g., VS Code, Python/Java/C++)
- Writing and executing your first program (Hello World)

1.2. Programming Fundamentals

- Variables and data types
- Operators and expressions
- Input and output
- Comments and code readability

1.3. Control Structures

- Conditional statements (if, else, elif/switch)
- Loops (for, while)
- Nested control structures

1.4. Functions and Modular Code

- Defining and calling functions
- Parameters and return values
- Scope and lifetime of variables
- Recursion basics

1.5. Data Structures and Intro to Object-Oriented Programming

- Lists/Arrays, Dictionaries/Maps
- Introduction to classes and objects
- Methods and attributes
- Constructors

2. Introduction to Databases

2.1. Database Basics

- What is a database?
- Types of databases: Relational vs NoSQL
- DBMS vs RDBMS
- Introduction to SQL
- Creating and modifying tables
- INSERT, SELECT, UPDATE, DELETE
- Filtering data (WHERE clause, operators)
- Sorting and limiting data

2.2. Database Design and Tools

- Introduction to tools: MySQL Workbench, SQLite, PostgreSQL or Oracle
- Backup and restore basics

3. Introduction to Networking (Weeks 10–13)

3.1. Networking Fundamentals

- What is a network?
- Types of networks (LAN, WAN, MAN)
- Components: Router, Switch, Modem, NIC
- IP addressing (IPv4 basics)

3.2. Network Models

- TCP/IP Model and comparison with OSI
- Protocols: TCP, UDP, IP, HTTP, HTTPS, FTP, DNS

3.3. Network Configuration and Tools

- Static vs Dynamic IP
- Subnetting basics
- Using ping, traceroute, ipconfig/ifconfig

3.4. Networking Best Practices

- Basic network security concepts (firewalls, encryption, VPN)
- Common threats (phishing, spoofing, MITM)
- Secure practices (HTTPS, SSH, password policies)
- Firewalls and proxy servers
- Shared drives and network printers
- Remote desktop and VPN usage