



**East Coast Railway
NOTIFICATION**

Office of the
Divisional Railway Manager (P)/KUR
Dt:01.04.2024

No.-P/KUR/S&T/JE(Tele)/30% DPQ/Sel.

Reg:- Notification for conducting selection to form a panel of 01 (One) post of JE(Tele) in level-6 in S&T deptt. against 30% DPQ in S&T department of KUR division.

It has been decided to conduct a selection to fill up 01 (One) post of JE(Tele) in Level-06 against 30% DPQ in S&T department of KUR division.

The break-up vacancies are detailed below:-

Number of vacancy

UR	SC	ST	Total
01	Nil	Nil	01 (including PwBD-01)

Options are accordingly, invited from eligible Sr.Tech(TCM) & Sr.Tech(WTM) in level-6 who are willing to appear the above selection. The candidates should satisfy the following eligibility criteria as on the date of notification. The above vacancy assessment is included one PwBD vacancy as per Para 2.2 of Railway Board's letter circulated under RBE-74/2022.

(A) Eligibility:

The serving Senior Technicians (Telecom Maintainer & Wireless Telecom Maintainer) in level-6 of S&T Department as per RBE No. 31/2005. In terms of RBE No. 21/2014, in the event of Sr.Technicians, in level-6, unwilling to seek promotion to the post of JE (Tele) or adequate number of eligible Sr.Technicians are not available, Technician-I(in level-5), who have completed two years regular service in the grade, may be made eligible for promotion to the post of JE(Tele) in level-6 against 30% promotion quota.

They should. Possesses minimum 02(two) years of regular service as on the date of notification i.e. **01.04.2024** in terms of RBE-20/2019.

(B) Mode of selection

(1) Selection will be based on the written test to assess the professional ability of the applicants followed by scrutiny of service records and APARs (i.e. of the year **2021-22,2022-23,2023-24**) in respect of the staff who will qualify in the written examination by the selection board. The candidate have to secure a minimum 60% marks in the professional ability (written test) as well as in aggregate to find a place in the panel subject to availability of category wise vacancy. The Panel will be formed based on their Seniority as per RBE-17/2014, subject to passing in A3 medical category & mandatory promotional course training as per rule.

(2) There will be no supplementary written test for the absentees, until and unless the reason of absent is accepted by the competent authority as per extant rule.

(3) There will be classification of Outstanding. Panel being made as per seniority with 80% and above classified as outstanding in the order of their seniority allowing them to supersede not more than 50% of the total field of eligibility.

(4) The post of JE(Tele) being classified as safety category post, there is no relaxation in qualifying marks to the employees belonging to reserve community. They are also required to secure 60% marks in written test as well as in aggregate.

(5) As per existing instruction issued by RBE-196/2018 & RBE-97/2019 the mode of written test will be conducted as follows:-

- The written examination is to be conducted on OMR Sheet. The duration of the written examination will be 120 minutes (Two hours).

Contd./P-2

- ii. The question paper will be 100% objective type
- iii. There will be 110 questions including 10 question(optional) on Rajbhasha of objective multiple choice types with four answer options in the sequence A,B,C & D. The candidate has to 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.
- iv. To ensure the authenticity of the answer, cutting, overwriting, erasing or alteration of any type in the answer will not be accepted. Zero mark will be awarded for Answer having correction/overwriting
- v. It is not a general selection and there is no provision of negative marking for wrong/incorrect answer in terms of RBE No. 196/2018.
- vi. All objective type questions will carry equal marks.

(C) Syllabus:-

Copy of the Syllabus for the selection to the post of JE(Tele) in Level-06 against 30% DPQ of S&T deptt./KUR issued by PCPO/ECOR/BBS L/No.ECOR/Pers/R/Syllabus/Selection/3 dtd.28.11.2011 is enclosed for circulation amongst the aspirants. Any discrepancies in the questions will be governed under instructions in RBE No.-59/2022. In this regard, the decision of the question setter will be final.

(D) Pre-selection Coaching:-

The above 01 vacancy is meant for unreserved candidates. As such, there shall be no pre-selection coaching for reserved community candidates in terms of Estt. Srl. No.236/1983.

(E) Training to the empanelled candidates:-

The empanelled staff will be imparted promotional training. On successful completion of the said training they will be promoted as JE(Tele) in Level-06.

(F) Last date & Mode of receipt of application etc.

The willing staff fulfilling the above conditions should submit their applications in the enclosed format to their respective in-charges i.e. SSEs/JEs by 30.04.2024. The respective in-charges, after thorough verifications of all the entries, will send to Sr.DSTE/KUR's office by 06.05.2024. After receipt of such applications, Sr.DSTE office may scrutinize and forwarded the applications in a consolidated manner to Sr.DPO/KUR's office indicating remarks i.e. valid or invalid latest by 10.05.2024 in a single bunch. Applications received after 10.05.2024 should not be entertained at all and such applicants will not have any claim to appear the selection.

This is also available in East Coast Railway website <https://eastcoastrail.indianrailways.gov.in> in the following path **About us>Division>Khurda Road Division>Selection/Suitability**

This has the approval of the Competent Authority.

NOTE:- The administration reserves the right to cancel the above notification at any time during the selection process.

Encl:- 1)Format of Application (Annexure-A)
2) Syllabus.


(T.Mahanandia)

Asst. Personnel Officer (Engg)

For- Senior Divisional Personnel Officer/KUR

Copy to: Sr.DSTE/KUR: He is requested for wide publicity of above notification amongst the aspirants working under him.

Copy to:- All SSEs/JEs in S&T deptt. for wide publicity among the Sr.Tech(SM) & Sr.Tech (WTM) of their Units.

Copy to:- DC/ECORSC & DC/ECORSU, for information.

Copy to:-OS/HRMS Cell to upload in E.Co.Rly. website .

Copy to:- Notice Board.

ANNEXURE - A

**APPLICATION FORMAT FOR SELECTION TO THE POST OF JE(TELE) IN LEVEL-6
AGAINST 30% (DPQ) IN S&T DEPTT/ KUR DIVISION AS PER DRM(P)KUR's
NOTIFICATION No. P/KUR/S&T/JE(Tele)/30% DPQ/Sel.DATED 27.03.2024.**

01	Name (In capital letter)		
02	Father's Name		
03	Present Designation& Station	Design-	Station-
06	Working Unit/Station		
04	Pay Matrix level & Grade Pay		
05	Community (SC/ST/UR) (Attested photo copy should be enclosed)		
07	Date of Birth		
08	Date of initial appointment & Category in substantive grade	D O A	Category
09	Date of Regular Promotion to the post of Sr.Tech(TCM/WTM)		
10	Educational qualification as per Service record (Attested Xerox copies should be enclosed)		
11	HRMS ID		
12	Mobile No (optional)		

I do hereby declare that the above information is correct to the best of my knowledge & belief, and if at any stage it is found that the said information given by me is incorrect, then my candidature will be cancelled without any notice and I am liable for D&A action.

Date : _____
Place: _____

SIGNATURE OF THE CANDIDATE

No. _____

Date _____

The applications of the above staff have been verified and found correct as per records available in this office and forwarded to the Sr.DSTE/KUR for information & necessary action, please.

**NAME & SIGNATURE OF THE SUB-ORDINATE
IN-CHARGES WITH OFFICIAL SEAL**

Countersigned by
Departmental Officer

East Coast Railway

Office of the
Chief Personnel Officer
Bhubaneswar - 751 017.

No.ECoR/Pers/R/Syllabus/Selection/3

Date: 28.11.2011.

To
The Sr.DPO/DPO-KUR,WAT, SBP,
WPO/MCSW & SPO/Con/BBS
East Coast Railway.

Sub: Syllabus for 20% quota of vacancies for JE (Signal) & JE (Tele) through Limited Departmental Competitive Examination and Modality of Test Paper in the S&T Department.

Ref: This office letter No. ECoR/Pers/R/Syllabus/Selection/3, dated 23.11.2011 (Copy enclosed).

In continuation of this office letter No.ECoR/Pers/R/Syllabus/Selection/3, dated 23.11.2011 on the above subject, it has been decided that the same syllabus may be followed for selection to the post of JE (Signal) 40% DPQ & JE (Tele) 30% DPQ.

This has approval of the competent authority.

(S.K. Mishra)
Sr.Personnel Officer (IR&G)
for Chief Personnel Officer

Copy to: For information and necessary action.

1. CSTE/ECoR/BBS.
2. Sr.DSTE(Co-Ord)/KUR,WAT, SBP.
3. Dy.CPO(HQ)/ECoR/BBS.
4. APO(HQ)-I & II.

(Signature)
29.11.11

East Coast Railway

Office of the
Chief Personnel Officer
Bhubaneswar - 751 027

No.ECoR/Pers/R/Syllabus/Selection/3

Date: 23.11.2011.

To
The Sr.DPO/DPO-KUR,WAT, SBP,
WPO/MCSW & SPO/Con/BBS
East Coast Railway.

Sub: Syllabus for 20% quota of vacancies for JE (Signal) & JE (Tele) through Limited Departmental Competitive Examination and Modality of Test Paper in the S&T Department.

Ref: Sr.DPO/KUR's letter No. P/E/Selection Cell/S&T/JE/Syllabus, dated 12.10.2011.

Competent Authority has approved the Syllabus for 20% quota of vacancies for JE (Signal) & JE (Tele) through Limited Departmental Competitive Examination and Modality of Test Paper in the S&T Department of ECoR. The approved syllabus is as under:

1. Question paper will be in three parts: PART: "A", PART: "B" & PART "C" with Total marks: 100.
2. Format of question paper will be in accordance with the latest Railway Board guidelines.
3. Question paper shall be in bilingual form i.e. English & Hindi only.

Part - A	1.1 :	Contains English, General knowledge and current affairs, reasoning tests, simple arithmetical calculations	15 marks
	1.2 :	Establishment, Store & Technical correspondence, Project management	15 marks
	1.3 :	Basic Electrical and Electronics Engineering	20 marks
Part - B		Technical subject on various Railway signaling/ telecom systems	50 marks
Part - C		Rajbhasha (optional)	10 marks

Syllabus

A 1.1	English	Essay writing on general topics, Letter writing, Simple English grammar, Gender, Singular, Plural numbers, Antonyms, Synonyms, Direct, Indirect speeches.
	General knowledge	General knowledge, current affairs.
	Arithmetic	Arithmetical calculations (Standard up to 10+2 level) and reasoning tests.

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Comd.P/2.

28-C 979
206

A 1.2	Establishment	Establishment rules: HOER, Leave rules, Pass rule. Organizational set up in S&T department of Zonal HQ, Divisional HQ and way stations including cadre strength calculations based on ZISTU & DISTU.
	Store	Store DMTR, requisition of materials, IRS/TEC/RDSO specifications, stores manual, other store procedures. Tools & plants.
	Technical correspondence, Project management	Technical circulars, Inspection notes, Safety drives Project estimate, Tenders, contracts, Measurement book, Contractor bills.
A 1.3	Basic Electrical and Electronics Engineering	<p>DC Circuit - Voltage & Current sources, Loop and Nodal equations, Superposition theorem, Thevenin's theorem, Norton's theorem, Maximum power transfer theorem.</p> <p>Fundamentals of AC- Average value, RMS value, form factor, crest factor, AC power and power factor, phasor representation of sinusoidal quantities. Simple series, parallel & series-parallel circuits containing R-L, R-C, R-L-C parameters. Resonance in series & parallel circuits. Star Delta transformations.</p> <p>Introduction to Electrical Machines-Faraday's law of electromagnetic induction, Lenz's law, induced EMF, Working principle & Basic constructional features of Transformer. different types, O.C. and S.C. tests of transformer, equivalent circuit and vector diagram, losses, efficiency and regulation. autotransformer. Basic constructional features of DC machines, working principle and classification.</p> <p>Power Supply - Solar photovoltaic cell, primary and secondary cells, battery chargers, DG sets, voltage stabilizers, DC-DC converters, inverters, rectifiers.</p> <p>Earthing and Surge protection- Maintenance free earth, single earth, ring earth, Class A, B & C type surge protection devices, protecting against electrical surges and spikes including those caused by lightning.</p> <p>Protection to staff: Acid, fire, safety requirements, proximity, precautions in AC electrified area, tools, gloves, belts, helmets, guards, covers, live circuit working, handling electrical equipment, radio equipment, safety first manual, first aid.</p> <p>Basic Electronics - Characteristics of diodes, diode parameters, equivalent circuits, rectifiers, derivation for rectifier efficiency, ripple factor, filter circuits, power supplies. Principle of operation of transistors, Transistor Circuits and Integrated circuits.</p> <p>Introduction to common measuring equipment: Cathode Ray Oscilloscope, multimeters, frequency meter, ammeter, voltmeter, clamp on meter.</p>

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Senior Personnel Officer
पूर्व तट रेलवे, भुवनेश्वर
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Computer basics	Basic computer concepts, notebook computers (laptop computer), Personal Digital Assistant (PDA, also known as Palmtop computer), desktop computers (PCs), Work stations, Servers and Supercomputers. Memory, Peripherals including mouse, printers, interfaces, disks, drives, controllers, USB ports, power supply, operating system concepts- single user/multi user, GUI & application software. Web page concept, internet, worldwide web, e-mail and multimedia.
Data Networks	Types of networks, Network topologies, IP & non-IP based networks, NIC, hubs, nodes, clients, gateways, Routers, switches, modems, ISDN, DSLs, connectors/adapters, data cables. Installation, commissioning and maintenance of datacom equipment in various LAN, WAN networks like Railnet, internet (TCP-IP), data loggers, FOIS, COIS/ICMS, CMS, COA, MIS, IREPS, PRIME, VSAT, PRS, UTS etc., bandwidth requirements, broadband, path protections, standards, scalability, IP addressing, IP planning, network/sub-network masking, data security & encryption levels, software, firewall, intrusion detection & protection, convergence, traffic monitoring, BER, jitter, wander measurements, testing of data channels of 2Mbps & 64 kbps speed, telnet, HTTP, FTP, maintenance using NMS and Do's & Don't's.
Accident Communication	List of equipment in ART, testing, provision of accident/disaster management communication arrangements at site, divisional control room & Zonal HQ control room, Maintenance & inspection of ART equipment, Information to public.
Auto Telephony and Electronic Telephone Exchanges	Auto Telephone Systems, SPC, PCM-TDM principles, Electronic Telephone Exchanges, speech, voice, data communications, signaling types, ISDN, WLL, Trunk Boards, Telephone traffic and dealing with telephone traffic at peak and slack hour working, system requirements, MDF/IDF wiring, cabling, power plant and protections, maintenance and repairs.

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Passenger Amenities	<p>Sound distribution, acoustic survey, defects & corrections, PA systems in yards. Platforms & conference halls, Paging and talk back in yards. Types of Microphone, Amplifiers, Loudspeakers, Acoustic characteristics of a meeting hall. video/audio conferencing.</p> <p>Passenger Amenity care on Railways, Inquiry Telecom system, Interactive Voice Response systems, prerecorded & PC based Auto announcing, train guidance/ indication boards, coach indication boards, touch screen kiosks, Voice Recorder, Passenger Reservation System, Digital Clocks, Fare display boards, Token Distribution System, Unreserved Ticketing System, PNR enquiry, accommodation availability, National Train Enquiry System, digital clocks (master-slave) , video surveillance system, various Faults, Localization of faults, all aspects of installation, commissioning and maintenance of the passenger amenities.</p>
Telecom Testing and Measuring instruments	<p>Insulation tester, meggar, Transmission measuring set, psophometer, X'talk measurement, CUM set, impedance balancing, cable fault locator, line tester, LAN/WAN analyser, frequency counter, power meter, programmable frequency scanner, field strength meter, different data analysers like communication, Ethernet, protocol analysers, BER meter, LAN meter.</p>
Telecom General	<p>Morning position, PTCC, Knowledge of PTCC manual, various standing committees at Central, State level, case clearance procedures from CEA & SLPTCC members, SACFA/WPC clearances, recommendations & standards CCIR/CCITT/IEEE/ITU.</p> <p>Inspections, maintenance schedules, records, reports, Drawings.</p>

PART - "C" - Official Language/ Rajbhasha

Copy to: For information and necessary action.

1. CSTE/ECOR/BBS.
2. Sr.DSTE(Co-Ord)/KUR,WAT, SBP.
3. Dy.CPO(HQ)/ECOR/BBS.
4. APO(HQ)-I & II.

(S.K. Mishra)
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 for Chief Personnel Officer
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 Senior Personnel Officer
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 East Coast Railway BBS

23.11.11