



WEST CENTRAL RAILWAY

KOTA/ DIV

Notification

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Date: 20-Mar-2026 18:43:25
Location: KOTAD/WCR

System Generated Notification No. :KOTAD/17679/3/S4160/M57/O57

Date : 20/03/2026

Subject : Filling up vacancies of Junior Engineering (P.Way) Level-6 against 20% LDCE quota in Civil Engineering Department.

Last Date of application : 10/04/2026

A. Cadre Details

Department	CIVIL ENGINEERING	Sub-Department	
Cadre ID	Technical Supervisors - Civil Engineering - Pway (38976)	Cadre Level	Junior Engineer (17679Pay Level: 6)
Intake Type	LDCE	Intake %	20.00%

B. Details of Vacancies

Note : Net vacancy is inclusive of PWBD vacancy as reservation for PWBD is horizontal reservation.

Net Vacancies					PwBD Vacancies				
#	SC	ST	UR	Total		a	b	c	d&e
Total	2	1	6	9	Backlog	0	0	0	0
					Current	0	0	1	0
					Total	0	0	1	0

C.

1. It is proposed to conduct a selection for the post of Junior Engineer/P.Way against 20% LDCE quota in the Engineering department of the Kota division, W.C. Railway.

D. Service condition

1. The following employees are eligible to apply for this selection:- * Track Maintainers of all grades and Civil Engineering staff, such as USFD, Blacksmith, Thermit Welder, Small Track Machine etc. working on the P.Way side and who have completed 3 years of Railway Service on the date of notification. (Ref.- RBE No. 120/2014) * Artisans Helpers working in the P.Way cadre and who have experience working in the P.Way side for 03 years are also eligible subject to fulfilment of Educational Qualification and other eligibility criteria. (Ref.-RBE No. 72/2021) * Vide RBE No. 47/2024 the upper age limit is fixed at 47 years (for UR) and upper age limit for SC/ST employees is fixed at 52 years. * The cut-off date to determine the eligibility shall be the date of notification. * Required Medical Fitness- For post of JE/PW, Level-6, candidate should be Aye Three (A/3) Medical Fit.

E. Required Education Qualification

1. Either 10 +2 pass with at least three subjects out of Mathematics, Physics, Chemistry and Computer Science or Diploma in Civil Engineering/Civil Engineering (Transportation). All Diplomas should be from the recognition or affiliation of AICTE. (Ref.- RBE No. 120/2014 & RBE No.72/2021). Required Medical Fitness- For post of JE/PW, Level-6, candidate should be Aye Three (A/3) Medical Fit.

F. Syllabus for the Examination

1. The Syllabus prescribed for selection to the post of JE/P.Way (Level-6) in Civil Engineering Department against 20% LDCE quota is enclosed as Annexure-'A'

G. Pre Promotional Training Requirement

1. Employees who are placed in the panel for the post of Junior Engineer/P.Way will have to undergo promotional training as per extent policy of Railway Board. Only on successful completion of training, they will be promoted and posted as JE/P.Way on regular basis.
2. Pre-Selection Training for SC/ST candidates: Pre-selection training, spanning a duration of 3 to 4 weeks, will be organized for eligible 'SC/ST' employees. If any 'SC/ST' employee is not willing to appear in pre-selection training, a written declaration duly forwarded by concerned supervisor shall be given to this office.

H. Mode of Selection

1. The selection process consists of a written examination, which will be conducted through Computer/Tablet Based Test (CBT/TBT) and followed by a perusal of APAR/Service Records. Only those who qualify written examination will be considered for subsequent stages of selection.

I. Written Examination

1. * Vide RBE 196/2018 written exam consist 100% Objective Type questions. 10% marks out of total prescribed marks should be prescribed for Official Language Policy and Rules. * Being JE/P.Way is a 'Safety category' post", No relaxations will be admissible for SC/ST employees. * Vide RBE No.194/2019, there shall be "negative" markings for incorrect answers. One-third (1/3) of marks of every question will be deducted for wrong answers. * The written examination will be conducted in English and Hindi languages.

J. Procedure of drawal of Panel

1. * In terms of RBE No. 17/2014 dt 06.02.2014, the final panel will be drawn in the order of merit based on aggregate marks of Written Exam and Record of Service & APAR * Further the panel will be provisional subjected to outcome of various court cases pending before hon'ble Courts in the subject matter.

K. Prerequisite for Submission Of Application

1. Applications must be submitted in the prescribed format through proper channel. All required documents and declarations must be enclosed. Incomplete or improperly filled applications are liable to be rejected. Note:- APPLICANTS ARE ADVISED TO SUBMIT THEIR APPLICATIONS THROUGH THE HRMS PORTAL USING THEIR OWN HRMS ACCOUNTS.

L. Grounds for Rejection of Application

1. Non-fulfilment of eligibility criteria like Incomplete or incorrect information, Failure to educational requirements, Submission after the due date may be considered as rejection.

M. Tentative Timeline

- | | |
|--|------------|
| 1. last date for submission willingness/option | 10/04/2026 |
| 2. Date of issue of eligibility (Tentative) | 20/04/2026 |
| 3. Date of Exam (Computer/Tablet Based Test) (Tentative) | 22/05/2026 |

N. Attached Annexure List

Sr	Type	Remarks
1	Syllabus for JE/PWay, 20% LDCE Quota.	As attached.

Signed by:

RAKESH KUMAR
APO
WCR/KOTA /DIV

Copy To (HRMS ID) :

Concerned Employee:

Copy To :

Sr. DEN/Co./Kota , N&S/DEN/Kota
All Asst. Divisional Engineers, Kota Division
All SSEs (P.Way), Kota Division
Divisional Secretaries à WCREMS / SC-ST / OBC Associations, Kota

20% JE/P.Way LDCE Syllabus

1. General ability and computer knowledge

This paper contains question based on General knowledge, basic engineering & other railway relevant topics as to test the knowledge of candidates, which they would acquire by general observation/reading without a specific study or detailed knowledge of text books the paper should also contain questions on topics of national importance, achievements of Railway as also question which will test the awareness of candidates to development which are taking place Some questions will be on basic of computer knowledge

2. Soil Mechanics soils

Elements specifications of mechanics. physical properties of soil, compaction, field methods of compaction stabilization of soils and construction of earthwork in embankment and cuttings, side and catch water drains

3. Surveying

- 1) Chain and Compass Survey-basic principles, base lines, check lines, tick lines, perpendicular and oblique offsets. Conventional signs, plotting of survey, true and magnetic bearings, open and closed traverses, recording plotting of traverse, closing error.
- ii) Plane Table Survey- plane table outfit, methods of radiation, Intersection and traversing, contouring with plane table using telescopic alidade merits and demerits. Leveling-Level Lines-Datum, bench marks, simple levelling, fly leveling recording the levels in field book method reducing levels, arithmetical check, Longitudinal and cross section contouring
- iii) Theodolite Survey- Types of theodolites, measurement of horizontal angles, vertical angles, magnetic bearings and deflection angles prolonging straight line, traversing by method of included angles, balancing the survey closing errors, calculations of latitude and departure, use of theodolite as a tachometer.
- iv) Curves- Elements of Simple circular curves, setting out simple circular curves, different methods

4. Stores matters in P.way

DMTR, Field book, MAC account, P.way stores transactions, accountable and verification, classification of P.Way materials and disposal of scrap, stacking & classification of PWAY material.

5. Duties of P.Way staff.

Duties SSE/P.Way, JE/P.WAY, Track maintainer I to IV, Patrolmen and Gate keepers.

6. Construction and maintenance of P.Way

Laying of new tracks, systems of maintenance: Over-hauling of LC gate, systematic through packing, picking up slacks, Directed track maintenance, miscellaneous works, lifting and lowering of track screening of ballast. maintenance of drains, lubrication of rail joints, adjustment of creep, maintenance of level crossing, maintenance of point and crossing special maintenance works, Through packing, Deep screening, Shallow Screening, Fouling mark, Types of Patrolling, Protection of Railway Line & Gang Tools

7. **Curved Track** - Maintenance of curved track and realignment of curve, curvature transitions, super elevation of curves, safe speeds cant deficiency, speed on curves with turnouts, realignment of curves, methods.

8. Laying and maintenance of LWR/SWR/CWR track

Maintenance of short welded rails, long welded rails and continuous welded rails, maintenance in electrification section, special precaution, and maintenance of track circuited sections, special precautions.

9. Mechanized maintenance of track including small track machines.

Need for mechanization, model of mechanized maintenance 3 tiers system of track maintenance, Working of MMUs. Small track machines - types, use in maintenance, spot attention with off track tampers, Troubleshooting and system of repairs & maintenance, pre-requisites to tamping and other machine works such as BCM, PQRS, Unimat, MFI, Duomatic, CSM, DGS, etc Pre & Post and during attentions for tamping and machine working Design mode tamping survey and procedure of tamping.

10. Working of Trolleys, Lorries, Rail Dolley Materials trains and protection

Engineering restrictions and indicators, works of short duration, work of long duration, Temporary engineering fixed signals, Equipment on trolleys and lorries working of trolleys and lorries, Ballast and material trains, General rules for working.

11. **USFD** - USFD Testing, Rules of rail flaw & Procedure during Rail Flaw.

12. **SOD & G&SR** - Minimum and maximum limits given in SOD during daily work & G&SR.

13. **Establishment & finance matters**: Conduct rules, Discipline & Appeal rules, pass and leave rules, Factories act, Payment of wages act, Workmen compensation act, Hours of work and period of rest, retirement benefits, Pension, Payment. Union & Association. Railway quarter etc.

14. Rajbhasha