



टीएमडब्ल्यू कॉम्प्लेक्स, एकलहरा रोड, नामिक रोड / TMW Complex, Eklahara Road, Nasik Road - 422 101 (Maharashtra)

No.NK.STC/Pt.III

Date: 23.06.2022

PCEE, PCPO

CR/ ER/ ECR/ ECoR/ NR/ NCR/ NER/ NFR/ NWR/ SR/ SCR/ SER/ SECR/ SWR/ WR/ WCR
CLW/ COFMOW/ CORE/ DLW/ ICF/ RCF/ RWF/ MCF & Metro Kolkata.
MD (MRVC) CCG, MD (RITES) NDLS, BB.
DG (P) RDSO LKO, DG (P) RSC BRC.

Sub: Selection for the post of Sr. Instructors for STC, IRIEEN, Nashik Road.

It is proposed to hold a selection for the following vacancies of Ex-cadre post of Sr. Instructors at STC, IRIEEN, Nashik Road. All the conditions should be fulfilled as on date of notification.

Sr. No.	Cadre	PLPM	Vacancies	Stream
1	Senior Instructor (TL&AC)	PLPM-07	01	TL&AC

Eligibility Conditions

➤ **Sr.Instructor (TL&AC)**

Working in TL&AC/ Coaching of the Electrical Department in PLPM-7 as per VII CPC

AND

Degree in Electrical / Electronics Engineering with minimum 02 years working experience.

OR

Diploma in Electrical / Electronics Engineering with minimum 05 years of working experience.

Other Conditions

(a)	Age Limit: Candidate should not be above the age of 55years as on the date of Notification.
(b)	Tenure: The tenure of the selected candidate will be minimum 03 years and should not exceed 05 years. Other conditions of Railway Service Conduct Rules and DAR will Apply.
(c)	The selected candidates are eligible for Teaching Allowance at the rate of 12% if Basic Pay. (as per Rly Board's Letter No. E (MPP)2012/3/28 dated 06.10.2017)

(d) **Mode of Selection:**

- Written Test (75 marks) and Class Room Lecture Trial (25 Marks). Thus, the above selection process will evaluate the knowledge as well as communication skill of the candidates as both are required for the post of Sr. Instructor.
- The Written Test will be for 75 marks out of which candidate who secures 60% marks in Written Test will be considered for Class Room Lecture trial test consisting of 25 marks. **(Total Marks- 100, Qualifying Marks- 60%)** The panel will be drawn strictly as per Merit.

Handwritten signature and date
23-06-2022

(e)	Selected Candidate will not be allowed to decline the posting.
(f)	The lien of selected Candidate will be maintained in their parent cadre.
(g)	There will be no further avenue of promotion at STC, IRIEEN, Nashik Road & will seek promotion as per lien/ seniority maintained in parent cadre.
(h)	The Selected Candidate can be repatriated at any time even before completion of tenure, if his performance not found satisfactory or found in-disciplined or found indulging in Mal-practicice.
(i)	Preference will be given to employees having knowledge of various Computer Technical Programming and Applications.
(j)	“Selection of Sr. Instructor in PLPM-07 will be done from staff working in PLPM-07 only ”. However, if sufficient numbers of volunteers are not available from PLPM-07, staff working in one Level below i.e PLPM-06 can also be considered. PLPM-06 can also apply, but they will be considered only in case of a shortfall from PLPM-07 and their names will be kept below those from PLPM-07.
(k)	Employees who are having a DAR/ Vigilance case or undergoing NIP will not be considered.

The tentative schedule for the selection is as under:

1	Date of issue of Notification.	23.06.2022
2	Last date of Submission of Applications in Depot/ Unit.	22.07.2022
3	Last date of Submission of Applications in Division.	29.07.2022
4	Last date of submission of application through proper channel to IRIEEN.	08.08.2022
5	The date of issue of eligibility / non eligibility list	18.08.2022
6	Date of written test	Will notified later

The applications complete in all respects may be submitted through proper channel on or before **08.08.2022**. Applications not received through proper channel will not be considered.

Wide publicity may be given to the notification by circulating to all concerned and also pasting on Notice Board at prominent places.

DA : (i) Application form. (ii) Syllabus as **Annexure “A”**.



(Mahendra Tayade)
PS-I (Gaz.)
For DG, IRIEEN

कृते महानिदेशक / For Director General
भारतीय रेल विद्युत इंजीनियरिंग संस्थान
Indian Railways Institute of Electrical Engineering
नासिक रोड / Nashik Road - 422101

PROFORMA / प्रपत्र

Application for the post of Senior Instructor (PLPM-07) for STC, IRIEEN, Nashik Road.

STC, इरीन, नाशिक रोड के वरिष्ठ अनुदेशक (PLPM-07) पद के लिए आवेदन पत्र।

SN	Particulars of the candidate					
1	Name of the employee/ कर्मचारी का नाम					
2	Date of appointment / भर्ती के तिथि					
3	Date of birth/ जन्म तिथि					
	Total age as on 23.06.2022 / दिनांक 23.06.2022 को कुल आयु _____ साल _____ महीने _____ दिन					
4	Substantive post held / मूल पद धारित					
	(a) Designation / पदनाम					
	(b) PLPM / पीएलपीएम					
5	Posts held/ धारित पद	Start from the post to which appointed उस पद से प्रारंभ करें जिस पर नियुक्त किया गया है	PLPM / पीएलपीएम	From / से	To / तक	Regular & Adhoc / नियमित एवं तदर्थ पद
(a)						
(b)						
(c)						
6	Educational qualification / शैक्षणिक योग्यता					
7	Technical qualification / तकनीकी योग्यता					
8	Any other qualification / कोई अन्य योग्यता Extra-curricular activities / अतिरिक्त पाठ्यक्रम गतिविधियाँ					
9	Whether belongs to SC/ ST community/ क्या एससी/ एसटी समुदाय से है ?					
10	Present office address / वर्तमान कार्यालय का पता Railway phone No. / रेलवे फोन नंबर Mobile No. / मोबाइल नंबर			1.		
				2.		
				3.		
11	Details of previous working as Instructor, if any प्रशिक्षक के रूप में पिछले कार्य का विवरण, यदि कोई हो					

Signature/ हस्ताक्षर _____

Date/ दिनांक :

Forwarded to **Director General / IRIEEN/ Nashik Road** for further necessary action. The particulars furnished above by the employee have been checked and found correct.

महानिदेशक/ इरीन, नाशिक रोड को आगे आवश्यक कार्रवाई हेतु अग्रेषित किया जाता है। कर्मचारि द्वारा ऊपर दिए गए विवरणों की जांच की गई है और उन्हें सही पाया गया है।

(i) Candidate belongs to SC/ ST community / क्या एससी/ एसटी समुदाय से है ? _____

(ii) Candidate will be spared in case of his selection / यदि कर्मचारी का अंतिम चयन होता है तो, इस कार्यालय को इन्हें कार्यभार मुक्त करने में कोई आपत्ति नहीं है _____

नियंत्रक अधिकारी का हस्ताक्षर, पदनाम एवं मुहर
Signature of Controlling Officer with
Designation & Stamp

**SYLLABUS FOR THE SELECTION OF Sr. INSTRUCTOR AT STC, IRIEEN,
NASHIK ROAD**

Part-A

- i) Establishment :- Organization of Railways - Railway Board to Zonal level, Zonal Railways and their Headquarters, Leave Rule, Pass Rule, PNM, DAR, Workmen's Compensation Act, HOER Incentive Scheme.
- ii) Stores :- Imprest, Type of Stores, Stock verification, Tenders, types of tenders, stock and non-stock items, Contracts, Works contract, Planning and inventory management, purchase, Receipt and Inspection, Stocking and preservation, distribution, scrap disposal.
- iii) General Knowledge:- Current Affairs, who's, Abbreviations, General Knowledge questions concerned to Indian Railways.
- iv) RajBhasha:- Important articles of Rajbhasha Act, Various awards, Motivations for RajBhasha, Progress made in using of Hindi.
- v) Disaster Management :- Disaster Management, First-aid and firefighting, Safety Rules, Electrical accidents - precaution & prevention.
- vi) Information Technology:- MS Office - Word, Excel and PowerPoint, e-mail and web browsing.

Part-B TL/AC

- i) Activities of electrical department, Activities of staff working in areas of train lighting, air-condition.
- ii) General electrical technology :- Theory of single phase & 3-phase electric circuit, DC electric circuit theory, frequency of calibration & use of Ammeter, Voltmeter, Multimeter torque tester, Meggar earth resistance tester, Vernier caliper tachometer.
- iii) Energy conservation: - Overview of energy saving options in non-traction application, energy audit knowledge of alternative sources of energy and their application.
- iv) Different types of coaching stocks & theory and practice ex. SG,EOG,HOG etc.
- v) Maintenance schedule and overhauling of TL/AC alternator, regulator under slung and on board inverters flooded & VRLA batteries, various protective devices in power panels of TL/AC coach.
- vi) Construction detail, principle of working and maintenance schedule of conventional air-conditioning and roof mounted air-condition plant in coach.
- vii) Different types of batteries of coaches, charging of different types of batteries, ingredients of electrolyte.
- viii) Commissioning and testing of TL/AC coach's procedure of testing of generating equipment testing of AC plant and electrical testing of non-AC coaches, knowledge of description and contents of SMIs modification and technical circular connected to TL/AC coaches.
- ix) Safety, First Aid and firefighting knowledge, safety precautions to be taken while handling electrical equipment, preventive measures to avoid electrical accidents & fire in coaches, type of firefighting equipment and their application, electrical shock treatment measure.
- x) LHB AC & Non-AC Coaches & their maintenance, troubleshooting, Power Cars, Pantry Cars, EOG, HOG - Hotel load, Push pull operation, etc.
- xi) Relevant codes, RDSO, SMIs and Modification.
- xii) Any new topic relevant to TL/AC.

HEG
23.06.2022