

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

No: 411002/1/2025-NFR

Date - 21.10.2025

NOTICE

Ref: - Advertisement No. 411002/1/2025-NFR dated 10.01.2025 for recruitment to the post(s) of Junior Technician (Chemical/ Computer/ Physics/ Electrical) (PL-3).

Candidates, shortlisted for recruitment tests for the post of Junior Technician (Chemical/ Computer/ Physics/ Electrical) (PL-3) are hereby informed about the schedule of recruitment test(s) as under:-

Name of the Post - Junior Technician (Chemical/Computer/Physics/Electrical)				
Name of the Test	Test Date	Reporting Time	Test Time	Venue
Written Test (Objective type): 100 marks	14.11.2025 (Friday)	09.00 AM	10.00 AM – 12.00 Noon	NLHC/OLHC, IIT (ISM) Dhanbad
Trade Test (Computer Proficiency Test): 20 marks	15.11.2025 (Saturday)	08.45 AM	09.30 AM – 10.00 AM	4 th Floor, Computer Lab NLHC, IIT (ISM) Dhanbad
Trade Test (Practical Aptitude Test): 80 marks	15.11.2025 (Saturday)	10.30 AM	11.00 AM – 01.00 PM	Respective Departmental Laboratories, IIT (ISM), Dhanbad

The recruitment test of Junior Technician(s) shall be conducted in two Steps i.e. Step –I (Written Test) and Step –II (Trade Test).

Step –II (Trade Test) will consist of two parts i.e. Practical Aptitude Test and Computer Proficiency Test.

The candidates, who achieve minimum cut off marks in the Written Test, will be shortlisted and called for Trade Test [Practical Aptitude Test (80 marks) + Computer Proficiency Test (20 marks)].

Such shortlisted candidates, who qualify in each part of the Trade Test (Practical Aptitude Test + Computer Proficiency Test), will be considered for selection based on the performance in the Written Test (in order of merit).

Final selection of the candidates against the vacancies will be made from the Merit List (in order of merit), subject to completion of the Document Verification successfully.

The syllabus for Written Test and Trade Test (Practical Aptitude Test + Computer Proficiency Test) to the post of Junior Technician(s) is mentioned at **Annexure A**.

Minimum cut off marks:-

No. of Vacancies	To shortlist for Trade Test (Practical Aptitude Test and Computer Proficiency Test)	To shortlist for Document Verification in order of merit based upon the performance in the Written Test
UR- 02 SC-07 ST-03 OBC (NCL)-04 EWS-04 [20*]	UR: Minimum 40% marks in Written Test OBC/SC/ST/EWS/PwDs: Minimum 35% marks in Written Test	UR: Minimum 40% marks in Trade Test (Practical Aptitude Test + Computer Proficiency Test Separately). OBC/SC/ST/EWS/PwDs: Minimum 35% marks in Trade Test (Practical Aptitude Test + Computer Proficiency Test Separately).

**Four (04) posts are reserved for the persons with benchmark disabilities having category a, b, c & e as follow: - JT (Chemical)-01; JT (Computer)-03.*

Category of benchmark disabilities:-

- Blindness and low vision*
- Deaf and Hard of hearing*
- Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy;*
- Autism, intellectual disability, specific learning disability and mental illness;*
- Multiple disabilities from amongst persons under clause (a) to (d) including deaf blindness in the posts identified for each disabilities.*

One (01) post is reserved for the Ex-servicemen as follow: - JT (Physics)-01

Vacancies may be filled up by Non-PwDs candidate/ Non Ex-Serviceman, if suitable candidates from the persons with benchmark disabilities/ Ex-Serviceman don't qualify the recruitment test.

Trade Test (Practical Aptitude Test + Computer Proficiency Test) will have no weightage in the preparation of final merit list except in the tie-breaking condition.

On the basis of marks obtained in Written Test and subject to qualifying the Trade Test (Practical Aptitude Test and Computer Proficiency Test), candidates shall be shortlisted for Document Verification.

Tie-breaking Criteria for Document verification for the post of Junior Technician(s)

In case two or more candidates secure equal marks in Written Test, against same vacancy under same category, following methodology will be adopted for final selection:

- Candidate securing more marks in Trade Test (Practical Aptitude Test and Computer Proficiency Test) will be ranked higher.
- In case two or more candidates secure equal marks in Trade Test (Practical Aptitude Test and Computer Proficiency Test), candidate obtaining more marks in Practical Aptitude Test will be ranked higher.
- In case two or more candidates secure equal marks in Practical Aptitude Test, candidate senior in Age will be ranked higher.

Document Verification:-

The candidates shortlisted for document verification, on the basis of performance in Written Test, will have to produce the following documents in original (as mentioned in the advertisement) in support of their eligibility:

- (i) Matriculation certificate in support of Date of Birth
- (ii) Mark sheet of educational qualifications
- (iii) Certificate of educational qualifications
- (iv) Experience certificate
- (v) Ex Serviceman certificate/ PwDs certificate, if applicable.
- (vi) No Objection Certificate from the present employer (if they are employed in Central Govt./ State Govt./ Union Territory Administration/ Central or State Autonomous Bodies/ Central or State PSUs) etc.

In addition, the following documents are also required to produce for the verification:

For OBC Category: Valid OBC-NCL certificate issued between 01.04.2024 to 12.02.2025 by the Competent Authority in the format prescribed for appointment under Govt. of India.

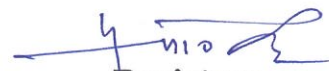
For EWS Category: Valid EWS certificate issued between 01.04.2024 to 12.02.2025 by the competent authority in the format prescribed for appointment under Govt. of India

For SC/ST Category: Valid caste/Category certificate issued by the competent authority in the format prescribed for appointment under Govt. of India.

For Ex-Serviceman: NOC for outside civil employment certificate (in case of serving) / Ex-serviceman certificate (in case of retired) issued by the competent authority in the prescribed format.

In case, failing to produce the above documents, their candidature will be cancelled and they will not be selected against the vacancy of the posts, even on passing the Written Test and Trade Test (Practical Aptitude Test and Computer Proficiency Test).

Admit cards for the test(s) will be available for download on or after **07.11.2025**. The candidates may visit https://nfr.iitism.ac.in/index.php/recruitment/User_login and download their admit card by login into portal using e-mail Id, Date of Birth and Mobile number (already registered).


Registrar

Syllabus for Junior Technician(s)**(A) Written Test (100 Marks) (02 hours)**

This will comprise of 100 MCQs based on the syllabus of the following:

- (a) JT (Chemical) - Diploma in Chemical Engineering
- (b) JT (Computer) – Diploma in Computer Science and Engineering or Electronics & Telecommunication /B. Sc. in IT or Computer Science /ITI or NCVT certificate in Computer and allied trades
- (c) JT (Physics) – B.Sc. degree in Physics
- (d) JT (Electrical) – Diploma in Electrical Engineering

(B) Trade Test (Practical Aptitude Test) (80 Marks) (02 hours)

For Junior Technician (Chemical/ Physics/ Electrical) - To be conducted in the laboratories of respective Departments related to their technical skill/qualifications.

For Junior Technician (Computer) –

Fundamental concepts of computer science and either one of the following set of topics –

Web Development: • HTML/JavaScript/CSS • React.js • PHP with Laravel Framework • MariaDB • Git A basic XAMPP installation over Windows 10/11 will be provided for the test	Server Administration & Networking: • Operating System Administration • Basic Networking Setup • Routing and Switching • Wireless and Wired LAN Setup • NAT/PAT Setup • Server Configuration • Remote Access Configuration Cisco Packet Tracer will be used for network simulation and Oracle VirtualBox / VMware Workstation will be used for virtualisation needs
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(C) Trade Test (Computer Proficiency Test) (20 Marks) (30 Minutes)

Junior Technician (Chemical/ Computer/ Physics/ Electrical) - Word, Excel and Power Point

