

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

No: 411002/9/2025-NFR

Date – 10.06.2026

NOTICE

Ref: - Advertisement No. 411002/9/2025-NFR dated 09.09.2025 for recruitment to the post of Junior Technician (Medical) (PL-3).

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

Name of the Test	Test Date	Reporting Time	Test Time	Venue
Written Test [Objective type]: (80 marks)	24.06.2026 (Wednesday)	8:30 AM	9:00 AM–10:30 AM	NLHC, IIT (ISM) Dhanbad
Computer Proficiency test (20 marks)		11:00 AM	11:15 AM – 11:45 AM	4th Floor, NLHC, IIT (ISM) Dhanbad
Practical Skill Test (Qualifying in nature)		12:30 PM	01:00 PM – 01:30 PM	Pharmacy - NLHC, IIT (ISM) Dhanbad Physiotherapy – Health Centre, IIT (ISM) Dhanbad

The recruitment test for the post of Junior Technician (Medical) in Pay Level-3 shall be conducted in two Steps i.e. Step-I (Written Test) and Step-II [Computer Proficiency Test (CPT) and Trade Test (named as Practical Skill Test)].

Merit list will be prepared on the basis of combined marks obtained in Written Test and Computer Proficiency Test (CPT).

Practical Skill Test will be qualifying in nature, and this will not have any weightage in preparation of final merit list.

Candidates will be shortlisted for Document Verification on the basis of performance in the Written Test and Computer Proficiency Test (CPT).

Final selection of candidates will be made according to the Merit list; subject to successful completion of Document Verification.

Syllabus for recruitment tests for the post of Junior Technician (Medical) is mentioned in **Annexure-A & B**.

Minimum cut off marks:-

No. of Vacancies	To qualify the Practical Skill test	For preparation of Merit List (based on the performance in Written Test and CPT)
UR- 02*	UR: Minimum 40% marks	UR: Minimum 40% marks in Written test and CPT each

*Institute requires one post for each domain i.e. Pharmacy and Physiotherapy

Tie-breaking Criteria:-

In case two or more candidates secure equal marks against same vacancy under same category in Merit List, following methodology will be adopted for Document verification as well as selection:

- a) Candidate securing more marks in Written Test is to be ranked higher.
- b) In case two or more candidates secure equal marks in both Written Test & Computer Proficiency Test, candidate senior in Age is to be ranked higher.

Document Verification:-

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

- Matriculation certificate in support of Date of Birth
- Mark sheet of educational and technical/professional qualifications
- Certificate of educational and technical/professional qualifications
- Experience certificate, if any.
- 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 case, failing to produce the above documents, their candidature will be cancelled, and they will not be selected against the vacancy of the post, even on passing in Written Test, Computer Proficiency Test and Practical Skill test.

Admit cards for the tests will be available for download on or after **18.06.2026**. 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 JT (Medical) in Pharmacy	
Practical Skill Test (Qualifying in nature) (30 Minutes duration) (25 MCQ of 25 marks)	Basic Medical knowledge related to pharmacy domain will be examined.
Written Test [Objective type] (80 marks) (1 hour 30 Minutes duration)	• General English relevant to Medical Profession • Pharmaceutics: Focuses on formulation, packaging materials, and dosage forms like tablets and liquid orals. • Pharmaceutical Chemistry: • Pharmacognosy Human Anatomy & Physiology • Social Pharmacy (Covers public health, preventive healthcare, epidemiology) • Pharmacology: (Understanding how drugs act on human body systems, side effects, and toxicological principles) • Biochemistry & Clinical Pathology [Chemical study of biomolecules (proteins, lipids, carbohydrates) and pathology of blood/urine] • Pharmacotherapeutics (Theory & Practical): Focuses on clinical choices for managing specific diseases and maintaining patient safety. • Hospital & Clinical Pharmacy: Managing institutional pharmacies, drug distribution tracking, and hospital sterilization setups • Pharmacy Law & Ethics (Study of statutory rules, legal obligations, and regulations like the Drugs and Cosmetics Act)
Computer proficiency test 20 Marks (30 Minutes duration)	MS-Word and Excel

Syllabus for JT (Medical) in Physiotherapy	
Practical Skill Test (Qualifying in nature) (30 Minutes duration) (Demonstration for 25 marks)	Fundamental of Rehabilitation will be examined like Practical Knowledge of Exercise therapy and Physical agents, Sports Physiotherapy, Orthopaedic rehabilitation, Spine rehabilitation, Neurological rehabilitation, etc.
Written Test [Objective type] (80 marks) (1 hour 30 Minutes duration)	• General English relevant to Medical Profession • Human Anatomy: Detailed study of the musculoskeletal system, bones, joints, muscles, and nervous system pathways. • Human Physiology: Functions of the cardiovascular, respiratory, nervous, and muscular systems during rest and exercise. • Biochemistry: Fundamental chemical processes in the body, muscle metabolism, and nutritional biochemistry. • Biophysics: Basic principles of mechanics, levers, force, gravity, and electricity as they apply to human movement and therapeutic equipment. • First Aid & Nursing: Emergency care protocols, CPR, bandaging, and basic patient handling techniques. • Biomechanics & Kinesiology: Mechanics of human motion, analysis of posture, joint movement forces, and gait analysis. • Exercise Therapy: Principles of therapeutic exercises, muscle strengthening, stretching techniques, and passive/active joint movements. • Electrotherapy: Therapeutic use of electrical currents, ultrasound, shortwave diathermy, infrared rays, and TENS for pain relief and healing. • Pathology & Microbiology: Study of disease processes, tissue inflammation, nerve injuries, muscle degeneration, and infection control. • Pharmacology: Basic understanding of drugs, painkillers, muscle relaxants, and anti-inflammatory medications and their impact on physical therapy. • Physiotherapy in Orthopaedics: Treatment for fractures, joint replacements, arthritis, spinal deformities, and sports injuries. • Physiotherapy in Neurology: Rehabilitation for stroke, spinal cord injuries, Parkinson's disease, cerebral palsy, and nerve palsies. • Physiotherapy in Cardio-Respiratory Conditions: Chest physiotherapy, breathing exercises, and post-surgical rehabilitation for heart and lung conditions.
Computer proficiency test 20 Marks (30 Minutes duration)	MS-Word and Excel