



टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH
 होमी भाभा रोड, कुलाबा, मुंबई – 400005
 Homi Bhabha Road, Colaba, Mumbai - 400 005
 भारत सरकार के परमाणु ऊर्जा विभाग की स्वायत्त संस्था एवं समविश्वविद्यालय
 An Autonomous Institution of the Department of Atomic Energy of
 Government of India and a Deemed to be University

दूरभाष/Telephone : 022-2278 2000

वेबसाइट/Website: www.tifr.res.in

Advertisement No. 2026/6

Applications are invited for the following posts tenable at Mumbai.

Sr. No.	Name of the post	Reservations					Pay Level and Pay Stage as per the 7 th CPC Pay Matrix	TME (Rs.)
		UR	SC	ST	OBC	EWS		
1	Scientific Officer (C)				1		Pay Level - 10 Pay Stage -1	Rs. 118110
2	Scientific Officer (C)	1					Pay Level - 10 Pay Stage -1	Rs. 118110
3	Scientific Officer (C)	1					Pay Level - 10 Pay Stage -1	Rs. 118110
4	Jr. Engineer (B)	1					Pay Level - 6 Pay Stage -1	Rs. 73020
5	Scientific Assistant (B)		1				Pay Level - 6 Pay Stage -1	Rs. 73020
6	Scientific Assistant (B)	1					Pay Level - 6 Pay Stage -1	Rs. 73020
7	Scientific Assistant (B)	1					Pay Level - 6 Pay Stage -1	Rs. 73020
8	Administrative Assistant (B)	1					Pay Level 6 Pay Stage 1	Rs. 73020
9	Administrative Assistant (B)				1		Pay Level 6 Pay Stage 1	Rs. 73020
10	Administrative Assistant (B)	1					Pay Level 6 Pay Stage 1	Rs. 73020
11	Supervisor (Cosmetics Maintenance)	1					Pay Level 6 Pay Stage 1	Rs. 73020
12	Tradesman (B) [Plumber]	2	1				Pay Level - 3 Pay Stage -1	Rs. 46990
13	Tradesman (B) [Electrician]				1		Pay Level - 3 Pay Stage -1	Rs. 46990
14	Tradesman (B) [Welder]					1	Pay Level - 3 Pay Stage -1	Rs. 46990
15	Tradesman (B) [Electrician]	1					Pay Level - 3 Pay Stage -1	Rs. 46990
16	Tradesman (B) [Technician Mechatronics]	1					Pay Level - 3 Pay Stage -1	Rs. 46990
17	Laboratory Assistant (B)	1					Pay Level 3 Pay Stage -1	Rs. 46990
18	Clerk (A)				1		Pay Level 3 Pay Stage 1	Rs. 46990
19	Clerk (A)	1					Pay Level 3 Pay Stage 1	Rs. 46990
20	Clerk (A)	1					Pay Level 3 Pay Stage 1	Rs. 46990

21	Clerk (A)					1	Pay Level 3 Pay Stage 1	Rs. 46990
22	Work Assistant (Auxiliary)	1				1	Pay Level 1 Pay Stage 1	Rs. 36360
23	Work Assistant (Auxiliary)	1					Pay Level 1 Pay Stage 1	Rs. 36360
24	Work Assistant (Auxiliary)					1	Pay Level 1 Pay Stage 1	Rs. 36360
25	Work Assistant (Technical)-[Air Conditioning]	1					Pay Level - 1 Pay Stage -1	Rs. 36360
26	Work Assistant (Technical)-[Painter]	1					Pay Level - 1 Pay Stage -1	Rs. 36360
27	Work Assistant (Technical)-[Plumber]					1	Pay Level - 1 Pay Stage -1	Rs. 36360
28	Work Assistant (Technical)-[Fitter]					1	Pay Level - 1 Pay Stage -1	Rs. 36360
29	Security Guard	3					Pay Level 1 Pay Stage 1	Rs. 36360
30	Project Administrative Assistant (B)	1					Consolidated Pay (Includes HRA) Rs.63900/-	

Abbreviation: UR - Unreserved; SC - Scheduled Caste; ST - Scheduled Tribe; OBC - Other Backward Class; EWS – Economically Weaker Section; PwBD - Persons with Benchmark Disabilities; TME – Total Monthly Emoluments.

1 **SCIENTIFIC OFFICER (C) – ONE POST – [OTHER BACKWARD CLASSES]**

Qualification / Experience:

- Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in Computer Science, Information Technology, Engineering, or a related field.
- Minimum of 1.5-3 years of professional experience in System Administration / Network Administration.

Desirable Qualification and Experience:

- Ability to learn on the job
- Strong interpersonal skills and ability to function in a team environment
- Experience in installation and Management of large scale IT infrastructure computing and storage farm both on-premise and in the cloud.
- Well versed in problem solving and troubleshooting.
- Knowledge of database management systems.
- Proficiency in programming language such as c, c++, python, bash / shell scripting
- Valid global certifications such as RHCSA and RHCE, CCNA/CCNP
- Networking and network management of desktops/servers
- Working knowledge of basics of internet, internet services
- Linux user management, protection, file systems.
- Experience / Good working knowledge of any three of the following points:
 - Knowledge of computer architecture, storage and computer networking
 - Knowledge of workload managers such as HTCondor, SLURM, PBS
 - High performance and high-throughput computing system.

	• Maintenance of software and hardware in a large data centers • Knowledge of IT security. • Knowledge of cloud-based computation and storage system. Job Description: • Maintenance of CMS Tier-2 centre at TIFR, which includes a large number of worker nodes, storage system, switches & firewalls. • Setup and maintenance of networked desktops, user accounts, shared file systems in Linux based desktops and servers. • Management/admin of Clustered Linux based servers, storage server, installing/upkeep of required daemons. • Managing Ethernet L2 switches, LAN, DNS, email server, and service applications (distribution list, etc), Wifi units. upkeep of security. Age: Maximum 31 years (Age relaxation as per rules). Mode of Recruitment: Personal Interview
2	<u>SCIENTIFIC OFFICER (C) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Full time degree in Engineering (BE / BTech with aggregate of 60% marks) from a recognized university/institute in Mechanical Engineering. (b) Minimum 2-3 years of professional experience in the field of cryogenic engineering and related areas. Desirable Qualification and Experience: Full time degree in Engineering (ME / MTech in Cryogenic Engineering with aggregate of 60% marks) from a recognized University/Institute in Mechanical Engineering. Minimum 1 year of professional experience in the field of cryogenic engineering. Job Description: - System engineering: Designing of cryogenic systems, including cryogenic components, vacuum jacketed piping systems, and warm piping systems. - Sound knowledge on thermal, and structural analysis. - Operation & Maintenance: Operation and maintenance of cryogenic plants and auxiliary equipment's - Project management: Managing engineering projects, prepares purchase specifications, follows lab safety, schedules, budgets, and resources - Team leadership: Staff management for effective and efficient output Age: Maximum 28 years (Age relaxation as per rules). Mode of Recruitment: Written Test and Personal Interview
3	<u>SCIENTIFIC OFFICER (C) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Full Time Masters degree in Science (with aggregate of 60% marks) from a recognized university/ institute in Chemistry, Biochemistry, Biology, Instrumentation or relevant discipline.

OR

(c) Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in **Chemistry, Biochemistry, Biology, Instrumentation or relevant discipline.**

(d) Minimum of 1 year experience in operating NMR Spectrometer.

Desirable Qualification and Experience: Advanced degree in a related discipline. Experience in managing and co-ordinating NMR operations at a core multi-user research facility. Sound academic knowledge of NMR.

The Scientific Officer will be responsible for the seamless operation, technical maintenance, and strategic management of the high-field NMR facility (600 and 800 MHz). This role will serve as a bridge between complex instrumentation and a diverse community of internal and external researchers, ensuring high-quality data acquisition and a safe, efficient laboratory environment.

Key Responsibilities

1. Technical Operations & Maintenance

System Oversight: The Officer will manage the day-to-day operations of 600 and 800 MHz spectrometers to ensure peak performance.

Maintenance & Repair: He/She will diagnose and resolve hardware malfunctions (probes, RF amplifiers, gradient units, etc.) to minimize downtime.

Cryogen Management: The staff will oversee routine maintenance, including cryogen fills and instrument calibrations.

Software Administration: The Officer will install, update, and maintain NMR-specific software and computing infrastructure.

2. Research Support & User Training

Expert Consultation: The Officer will assist research groups in designing and implementing non-routine experiments and pulse sequences.

Training Programs: He/She will conduct theoretical and practical workshops to certify students and faculty for independent instrument use.

Data Analysis: The staff will provide professional guidance on data interpretation and analysis for complex scientific projects.

Supervision: The Officer will monitor hands-on usage to ensure adherence to protocols and will promote the continuous improvement of user skills.

3. Facility Management & Administration

Scheduling: The Officer will organize and enforce the facility's scheduling policy for equitable access among all users.

Financial Liaison: He/She will coordinate with the Accounts Department to manage billing and raise invoices for external usage.

Safety & Compliance: The staff will uphold departmental safety standards and will maintain facility-wide policies to ensure a secure working environment.

Required Knowledge & Skills

NMR Expertise: The candidate will possess proven hands-on experience with high-field NMR spectroscopy and a deep understanding of pulse sequence selection.



	Technical Troubleshooting: He/She will demonstrate the ability to perform complex hardware repairs and handle delicate instrumentation. Communication: The Officer will utilize excellent interpersonal skills to collaborate effectively across multidisciplinary research teams. Pulse Programming: Familiarity with NMR pulse programming will be considered a significant asset. Age: Maximum 28 years (Age relaxation as per rules). Mode of Recruitment: Written Test and Personal Interview
4	<u>JUNIOR ENGINEER (B) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Full Time Diploma in Mechanical Engineering (from a recognized University/Institute with aggregate of 60% marks). (b) Knowledge of use of personal computers and its applications. (c) 2 years' experience in supervision of maintenance work of large Air-conditioning systems in a reputed organization. Desirable Qualification and Experience: Knowledge in government tender process, estimation & tender preparation. Knowledge of Auto CAD for preparation of electrical drawing is desirable. Job Description: Supervision of operation and maintenance work of large Air-conditioning system working on chilled water comprising chillers, pumps, chilled water network, AHUs & FCUs , valves & control, etc. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Personal Interview
5	<u>SCIENTIFIC ASSISTANT (B) – ONE POST – [SCHEDULED CASTE]</u> Qualification / Experience: (a) Full Time Science Graduate (from a recognized University/Institute with aggregate of 60% marks) in Physics / Chemistry / Computer Science / Information Technology / Information Science / Electronics & Communication. OR (a) Full time Diploma in Engineering (from a recognized University/Institute with aggregate of 60% marks) in Computer Science / Computer Engineering / Information Technology / Electronics & Communication. (b) Knowledge of use of personal computers and its applications. (c) Minimum 2 years' experience in IT support / system administration / networking / hardware maintenance / programming or scripting or related computer infrastructure work. Desirable Qualification and Experience: Formal training / certification in Linux System Administration, Networking or related areas. Experience with HPC environments, job submission systems, Linux/Windows system support, hardware maintenance, networking, scripting (Shell/Python), and software package maintenance. Certification in IT / Networking / Linux systems will be an added advantage.

	Job Description: The selected candidate will assist in the operation, maintenance and support of computing and IT infrastructure including HPC clusters, servers, workstations, storage and network systems. Duties include installation, configuration, monitoring, troubleshooting, user support, maintenance coordination, and related technical activities. Assistance in installation and maintenance of scientific / research software may also be required. The candidate may be involved in supporting research computing, data centre operations and coordination with vendors for hardware maintenance. Any other duties assigned by the Competent Authority / Head of Department / PIs. Selected candidate should be willing to work in shifts, as and when required. Age: Maximum 33 years (Age relaxation is as per rules) Mode of Recruitment: Personal Interview
6	<u>SCIENTIFIC ASSISTANT (B) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Full Time Science Graduate (from a recognized University/Institute with aggregate of 60% marks) in Physics or Chemistry/ Computer Science / Information Technology. OR (a) Full time Diploma in Computer Engineering or Information Technology Engineering (from a recognized University/Institute with aggregate of 60% marks) in relevant discipline. (b) Knowledge of use of personal computers and its applications. (c) Minimum 1 year experience in programming / scripting or computer system. Desirable Qualification and Experience: a) Experience with high performance computing environments, job submission, and networking. b) Experience with Linux OS, System administration, Software package maintenance and Git based version controlling, CI/CD based software deployment. c) Experience with scientific libraries, scripting. d) Use of quantum chemistry and molecular dynamics software on CPU and GPU architectures. e) Cisco or Red Hat certification courses. f) Certification courses in Information Technology. Job Description: a) System administration of HPC and workstations at software level, maintain hardened security protocols. b) Install, integrate, and maintain scientific software on various compute architectures. c) Train incoming/fresh graduate students on best practices for HPC environments. d) Liaise with vendors and scientific staff for maintenance of computer hardware. e) Work with scientific staff to coordinate basic data centre management like monitoring of cooling units, fire suppression units, PDUs, UPSes, etc. f) Able to function in a team environment with excellent problem solving and communication skills. g) Any other tasks assigned by the Reporting Officer. Age: Maximum 28 years (Age relaxation is as per rules) Mode of Recruitment: Written examination and Personal Interview

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SCIENTIFIC ASSISTANT (B) – ONE POST – [UNRESERVED]**Qualification / Experience:**

- (a) Full Time Science Graduate (from a recognized University/Institute with aggregate of 60% marks) in Physics / Engineering Physics / Electronics / Radio-physics / Optics.
- OR
- (a) Full time Diploma in Engineering (from a recognized University/Institute with aggregate of 60% marks) in Electronics / Electronics and Communication / Electronic and Instrumentation / Industrial Electronics / Opto-electronics.
- (b) Knowledge of use of personal computers and its applications.
- (c) 1 - 2 years' experience in analog and digital electronics, PCB designing, soldering, circuit debugging, FPGA and microcontrollers and/or atomic physics, quantum optics.

Desirable Qualification and Experience:

- Hands-on experience with analog and digital electronics, PCB Designing, circuit debugging, soldering, SMD soldering;
- Hands-on experience with microcontrollers, FPGA;
- Operation of oscilloscopes, function generators, RF components;
- Knowledge of circuit simulation and PCB design software (e.g. LTSpice, KiCad)
- Familiarity with system integration and automation, Labview;
- Knowledge of Python programming;
- Basic knowledge of precision electronics such as current controller for narrow linewidth cw lasers, temperature controllers, PID feedback, laser frequency stabilization;
- Exposure to operation of lasers and opto-electronics components in a quantum optics and ultracold atoms laboratory.

Applicants with higher qualifications such as MSc, BTech, MTech etc. in a relevant discipline may also apply. Candidates with more experience may also apply.

Job Description:

- Study, design, develop, and debug low-noise analog circuits and digital circuits.
- Implement and optimize digital signal processing algorithms on FPGA and digital platforms.
- Implement automation of experimental control and data collection using Labview or other platforms.
- Participate in the integration, testing, and debugging of the developed electronics systems.
- Work with scientists, engineers and students in the development, calibration, and deployment.
- Maintain technical documentation, provide operational support and contribute to the continuous operation of laboratory facilities.
- Assist in development and setup of lasers, optical components and vacuum apparatus.
- Assist in regular activities and maintenance of the laboratory, including administrative duties.

Age: Maximum 28 years (Age relaxation is as per rules)

Mode of Recruitment: Written Test and Personal Interview or Personal Interview only

8

ADMINISTRATIVE ASSISTANT (B) – ONE POST – [UNRESERVED]**Qualification / Experience:**

- (a) Graduate from a recognised University /Institute with aggregate of 55% marks.
- (b) Proficiency in word processing/data base/accounting procedures.
- (c) 5 years' experience in Accounts/ Purchase/ Stores/General Admin /Establishment in a large and reputed organization.

Desirable Qualification and Experience:

- (a) The applicant should have experience in Central / State Government / Autonomous Bodies.
- (b) Experience of Government of India rules related to Establishment / Administration and service matters in any of above bodies.
- (c) Experience in handling CAG and other departmental audits.
- (d) Proficiency in written and oral communication in English, drafting letters, email, official and demi official correspondence.

Age: Maximum 33 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test and Skill Test

9

ADMINISTRATIVE ASSISTANT (B) – ONE POST – [OTHER BACKWARD CLASSES]**Qualification / Experience:**

- (a) Graduate from a recognised University /Institute with aggregate of 55% marks.
- (b) Proficiency in word processing/data base/accounting procedures.
- (c) 5 years' experience in Accounts/ Purchase/ Stores/General Admin /Establishment in a large and reputed organization.

Desirable Qualification and Experience:**Software Skills**

- Strong proficiency in MS Office (Word, Excel, PowerPoint,).
- Data entry, record keeping, and database management.
- Knowledge of writing/editing HTML files.

Administrative Skills

- Excellent written and verbal communication skills for interaction with departmental members and outsiders.
- Ability to prioritize tasks effectively in a fast-paced environment.
- Ability to handle sensitive and confidential information
- Knowledge of administrative procedures.
- Capability to manage complex calendars, travel arrangements, and filing systems.
- Answering phones, taking messages, and greeting visitors.
- Scheduling and attending departmental meetings and writing minutes
- Scheduling appointments and visits for visitors
- Ordering office supplies.

Professional Attributes: Familiarity with graduate-level scientific terminology. Self-driven, highly motivated, and demonstrating strong leadership qualities.

Job Description:

Manage workflow ensuring that deadlines are met and work is completed correctly. Generate emails, office notes, seminar announcements, etc. Maintaining personnel records of the staff. Looking after student's academic affairs. Maintenance of departmental website. Scheduling of departmental meetings and writing up & circulation of the minutes of the meeting. Arranging visits by the visitors. Assisting in organizing conferences. Maintenance of office equipment, including computers, copy machines, scanners, etc.

Age: Maximum 36 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test and Skill Test



10	<u>ADMINISTRATIVE ASSISTANT (B) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Graduate from a recognised University /Institute with aggregate of 55% marks. (b) Proficiency in word processing/data base/accounting procedures. (c) 5 years' experience in Accounts/ Purchase/ Stores/General Admin /Establishment in a large and reputed organization. Desirable Qualification and Experience: Commerce Graduate/CA or ICWA Inter. Job Description: Desirable Experience in Audit/Income Tax/GST/Government Rules & Regulations etc. Proficiency in excel. Age: Maximum 33 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test
11	<u>SUPERVISOR (COSMETICS MAINTENANCE) – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) 3-year Degree in Hospitality Management or Equivalent from recognised University/Institute. (b) 2 years' experience as Supervisor/Manager in a large Hotel/Hostel/Company. (c) Knowledge of use of personal computers and its applications. (d) Good communication skills. Desirable Qualification and Experience: (a) Full time Bachelor's degree in Public Health, Environmental Science, or a related field from recognised University/Institute. OR (b) Full time Diploma in Sanitary Inspector / Diploma in Health Inspector / Diploma in Sanitary and Health Inspector from a recognized University/Institute. (c) 2-5 years of experience in Sanitation or related filed like janitorial services, waste management, public health etc. Experience in sanitation equipment's and machinery. <u>Job Description:</u> (a) Conduct regular inspections to ensure compliance with sanitation regulations. (b) Investigate complaints related to unsanitary conditions and take appropriate action. (c) Prepare detailed reports on inspection findings and recommend corrective actions. (d) Educate the public regarding best practices for maintaining cleanliness and hygiene. (e) Enforce local, state, and federal sanitation codes and regulations. (f) Monitor waste disposal systems and sewerage facilities to ensure they meet health standards. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test

12	<u>TRADESMAN (B) [PLUMBER] – THREE POSTS - [TWO POSTS UNRESERVED AND ONE POST SCHEDULED CASTES]</u> Qualification / Experience: (a) National Trade Certificate (NTC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Plumber. (b) Minimum Two years' experience in relevant field. OR (a) National Apprenticeship Certificate (NAC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Plumber. (b) One year experience in relevant field. Job Description: Candidate should be conversant with drainage and potable water lines maintenance work, pump operation & maintenance. The candidate may have to work in round-the-clock shift duties. Age: Maximum 28 years (Age relaxation is as per rules) for Unreserved. Maximum 33 years (Age relaxation is as per rules) for Scheduled Caste. Mode of Recruitment: Written Test and Trade Test
13	<u>TRADESMAN (B) [ELECTRICIAN] – ONE POST – [OTHER BACKWARD CLASSES]</u> Qualification / Experience: (a) National Trade Certificate (NTC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Electrician. (b) Minimum Two years' experience in relevant field. OR (a) National Apprenticeship Certificate (NAC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Electrician. (b) One year experience in relevant field. Desirable Qualification and Experience: • I.T.I. (Electrician/Wireman/Motor Rewinding Grade) • Minimum 2 Years of experience in relevant field. Job Description: 1. Basic knowledge of motor maintenance and re-winding. 2. Knowledge of motor starter wiring and motor protection. 3. Assistance in installation, testing, commissioning, and troubleshooting of motors. 4. Basic knowledge of electrical wiring and safety related standards. Age: Maximum 31 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test



14	<u>TRADESMAN (B) [WELDER] – ONE POST – [ECONOMICALLY WEAKER SECTION]</u> Qualification / Experience: (a) National Trade Certificate (NTC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Welder. (b) Two years' experience in relevant field. OR (a) National Apprenticeship Certificate (NAC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Welder. (b) One year experience in relevant field. Job Description: Candidate should be conversant with Arc welding, TIG welding, Gas welding, brazing etc. The candidate may have to work in round-the-clock shift duties if required. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test
15	<u>TRADESMAN (B) [ELECTRICIAN] – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) National Trade Certificate (NTC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Electrician. (b) Two years' experience. OR (c) National Apprenticeship Certificate (NAC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Electrician. (d) One year experience in relevant field. Desirable Qualification and Experience: 1) Knowledge of operation and troubleshooting of Single/Three Phase supply system. 2) Operation and Troubleshooting of LT power distribution, LT electrical equipment and lighting circuits. 3) Operational and troubleshooting Knowledge of different types and capacities of transformers, Motors and Switchgear equipment. 4) Knowledge about different Earthing methods and troubleshooting of earthing related problems. 5) Wiring installation i.e Laboratory wiring, Control Panel wiring. 6) Knowledge of Electrical wiring and safety related standards. 7) Basic knowledge of Uninterrupted Power Supplies Job Description: 1) Experience of working on Telephone and Data networks with at least 200 connections/nodes. 2) Knowledge and hands on experience on various sizes and types of telephone cabling and terminations.

- 3) Knowledge and hands on experience on various types of data cables like UTP, Armored UTP, STP, Optical fiber cables, Patch cords and various type of connectors and terminations. Ability of OFC splicing will be an additional advantage.
- 4) Experience of working on data racks from 6U to 42U size with fixing of single phase and three phase PDU, various types of patch panels, Optical Fiber LIU, Data rack cabling, dressing and labeling.
- 5) Familiarity and experience on telephone and data cabling inside ducts, shafts, through cable trays, conduits and ability of handling various tools like drilling machines, and other related hardware.
- 6) Familiarity and experience of using cable testing equipment like continuity tester, cable tester and locator. Ability of using OFC testing tools like OTDR will be an additional advantage.
- 7) Experience of using desktop/laptop and office applications suite.
- 8) Experience in operating small machines to create prototype in sheet metal aluminium/copper etc.
- 9) Ability of working on small electronic circuits will be an additional advantage.
- 10) Should be open to learn new skills as required.

Age: Maximum 28 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test and Trade Test

16 TRADESMAN (B) [TECHNICIAN MECHATRONICS] – ONE POST - [UNRESERVED]

Qualification / Experience:

- (a) National Trade Certificate (NTC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Technician Mechatronics.
 - (b) Two years' experience.
- OR
- (a) National Apprenticeship Certificate (NAC) (with aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Technician Mechatronics.
 - (b) One year experience in relevant field.

Desirable Qualification and Experience:

- Must have experienced in CNCs, hydraulics, rotating equipment, hands-on maintenance and repair of highly technical equipment and troubleshooting of CNC equipment and controls'
- Must have the technical knowledge to understand part manuals, electrical/mechanical schematics, assembly instructions and troubleshooting guides.
- Must have work experience with FANUC, Siemens, & Heidenhain controls.
- Must have a high degree of industrial mechanical, pneumatic, hydraulic and electrical aptitude and repair abilities.
- Experience with electrical test equipment, electrical, hydraulic and mechanical systems.
- Good knowledge of precision jobs machining on conventional as well as CNC Machining centres in Tool room / mid-size industry & also should have CNC programming knowledge.
- Good knowledge of latest manufacturing/machining technologies.
- Proficiency in using CAD software – Auto cad, SolidWorks/NX and CAM software - NX-CAM/Master cam etc.

Job Description: Troubleshoots CNC equipment and to ensure Preventive Maintenance (PM) procedures are completed in time frame.

- Troubleshoots mechanical breakdowns, including hydraulic and pneumatic systems to find the root cause and repair problems on CNC machines.
- Understand machine tool manuals, technical documents, and vendor resources to research machine issues.



	• Performs installation, troubleshoots, repairs and maintains machine tool equipment/controls. • CNC machine operation & programming. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test
17	<u>LABORATORY ASSISTANT (B) – ONE POST - [UNRESERVED]</u> Qualification / Experience: (a) National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Air Conditioning. (b) Two years' experience in Air Conditioning. OR (a) National Apprenticeship Certificate (NAC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in trade Air Conditioning. (b) One year experience in relevant field. Desirable Qualification and Experience: Knowledge of personal computers, cryogenic plant maintenance. Job Description: Selected candidates are expected to work in round-the-clock shifts for the operation and Maintenance of the accelerator facility, Helium liquefier and associated subsystems. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test
18	<u>CLERK (A) – ONE POST – [OTHER BACKWARD CLASSES]</u> Qualification / Experience: (a) Graduate from a recognised University/Institute with aggregate of 50% marks. (b) Knowledge of typing. (c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions. (d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization. Desirable Qualification and Experience: a) Working experience of administrative tasks, accounting procedures, and official correspondence within government organizations, as evidenced by prior education and/or work experience. b) Basic proficiency in personal computers, webpage design and graphic design tools, Internet usage, Microsoft Office (Word and Excel) or equivalent, official letter writing, and official formal communications. c) Knowledge of MS Word, Excel, and PowerPoint to prepare documents, posters, and other required documents. Basic knowledge of LaTeX is desirable. d) Fluency in English, Hindi and Marathi - both verbal and written. Job Description: Routine clerical and administrative duties, account related works, including correspondence, record maintenance, and document preparation. The role requires accuracy, consistency, and the ability to handle office tasks reliably. The candidate will also provide support to departmental activities such as conferences, schools, and seminars.

	Age: Maximum 31 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test
19	<u>CLERK (A) – ONE POST - [UNRESERVED]</u> Qualification / Experience: (a) Graduate from a recognised University/Institute with aggregate of 50% marks. (b) Knowledge of typing. (c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions. (d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization. Desirable Qualification and Experience: a) The applicant should have knowledge of Government of India rules related to Establishment / Administration and service matters. b) Proficiency in written and oral communication in English, drafting letters, email, official and demi official correspondence. c) Proficiency in MS Office application – specially in MS-Word, Excel, Power Point with excellent interpersonal skills. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test
20	<u>CLERK (A) – ONE POST - [UNRESERVED]</u> Qualification / Experience: (a) Graduate from a recognised University/Institute with aggregate of 50% marks. (b) Knowledge of typing. (c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions. (d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization. Desirable Qualification and Experience: Commerce graduate Job Description: Experience in audit for one year will be preferred. Knowledge of Excel, Word and drafting. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test



21	<u>CLERK (A) – ONE POST - [ECONOMICALLY WEAKER SECTION]</u> Qualification / Experience: (a) Graduate from a recognised University/Institute with aggregate of 50% marks. (b) Knowledge of typing. (c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions. (d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization. Job Description: • The candidate should handle all the typing work, attendance management and other administrative work in the Office. • Knowledge of typing. • The candidate should have the experience in handling the confidential matters. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Skill Test
22	<u>WORK ASSISTANT (AUXILIARY) – TWO POSTS – [ONE POST-UNRESERVED AND ONE POST-OTHER BACKWARD CLASSES]</u> Qualification / Experience: (a) S.S.C. OR Equivalent (Central/State Board Examinations). (b) Minimum One year experience in a reputed Canteen / Catering establishment. Desirable Qualification and Experience: (a) Minimum one year certificate course in Food and Beverage service from a recognized Hotel Management Institute or Equivalent University/Institute. (b) Minimum one year experience in multitasking role (Commissary/F&B Service/Cosmetic Maintenance) in the Restaurants/ Canteen, Kitchen and/or Dinning facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff. Age: Maximum 28 years (Age relaxation is as per rules) for Unreserved Maximum 31 years (Age relaxation is as per rules) for Other Backward Class Mode of Recruitment: Written Test and Skill Test
23	<u>WORK ASSISTANT (AUXILIARY) – ONE POST - UNRESERVED</u> Qualification / Experience: (a) S.S.C. OR Equivalent (Central/State Board Examinations). (b) Minimum One year experience Desirable Qualification and Experience: Candidates with following knowledge & experience will be preferred. (a) Minimum SSC/HSC qualification. (b) Basic computer knowledge (MS office, email, data entry) supported by certificates from recognized government institutions.

- (c) Ability to handle multiple responsibilities simultaneously.
- (d) Good communication skills (in dealing with staff members/visitors).
- (e) Knowledge of office procedure.
- (f) Teamwork, adaptability and attention to detail.
- (g) Minimum one year experience in documentation and record keeping, phone and email communications and coordination between departments.

Age: Maximum 28 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test and Skill Test

24 WORK ASSISTANT (AUXILIARY) – ONE POST – [OTHER BACKWARD CLASSES]

Qualification / Experience:

- (a) S.S.C. OR Equivalent (Central/State Board Examinations).
- (b) Minimum One year experience

Desirable Qualification and Experience:

Candidates with following knowledge & experience will be preferred.

- a. S.S.C/H.S.C. (Central / State Board Examinations).
- b. 1–2 years of experience in sweeping, mopping, dusting, and disinfecting indoor and outdoor areas.
- c. Good communication skills.
- d. Experience in gym field will be preferred.
- e. Punctual, reliable, honest, hardworking, co-operative and team oriented. Willingness to follow supervisor's directions and work in shift duties.

Job Description:

a. Primary Responsibilities – Cleaning & Maintenance:

Sweeping and cleaning yoga hall, badminton courts, game rooms, washrooms etc. Cleaning and maintaining outdoor surroundings: entrances, pathways, garden edges, and waiting areas. Mopping floors daily, sanitize equipment, and ensure dust-free mats and benches. Ensure trash bins are emptied, and waste is properly disposed of. Refill hand sanitizers, soap and cleaning materials as and when required.

b. Secondary Responsibilities – Floor Support:

Assist in setting up gym equipment before sessions (e.g., yoga mats, table tennis nets, carrom boards, coins, floor equipment's etc.).

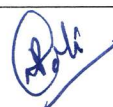
Helping in moving and organizing gym equipment and furniture as needed.

Providing support during events and classes by arranging chairs, helping participants and cleaning afterward.

Monitoring the condition of public-use items (mats, rackets, TT nets, carrom board, coins etc.) reporting damages.

	Helping users/Instructor's on Gym Floor as and when required. <u>Mode of Recruitment:</u> Written Test and Skill Tests. <u>Age:</u> Maximum 31 years (Age relaxation is as per rules). <u>Mode of Recruitment:</u> Written Test and Skill Test
25	<u>WORK ASSISTANT (TECHNICAL) [AIR-CONDITIONING] – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Passed S.S.C. OR Equivalent from a recognized Board. OR (a) National Trade Certificate (NTC) awarded by National Council of vocational Training (NCVT) in trade Air-conditioning. (b) One year experience in Air-conditioning. Job Description: Experience in assisting senior Tradesman/AC Mechanics in the Air-Conditioning trade. The candidate should have hands on experience in the areas such as Central Plant, Cold Storage, AHUs, FCUs, Split ACs, refrigerant piping, brazing works, insulation works etc. The candidate should possess good health and will require to assist senior technicians. The candidate may have to work in round-the-clock shift duties, if required. <u>Age:</u> Maximum 28 years (Age relaxation is as per rules). <u>Mode of Recruitment:</u> Written Test and Trade Test
26	<u>WORK ASSISTANT (TECHNICAL) [PAINTER] – ONE POST – [UNRESERVED]</u> Qualification / Experience: (a) Passed S.S.C. OR Equivalent from a recognized Board. OR (a) National Trade Certificate (NTC) awarded by National Council of vocational Training (NCVT) in trade Painter. (b) One year experience in relevant field. Job Description: Experience in assisting senior Tradesman in the Painting trade. The candidate should have hands on experience of scrapping, putty work, enamel as well as acrylic paint etc. The candidate should possess good health and will require to assist senior technicians. <u>Age:</u> Maximum 28 years (Age relaxation is as per rules). <u>Mode of Recruitment:</u> Written Test and Trade Test
27	<u>WORK ASSISTANT (TECHNICAL) [PLUMBER] – ONE POST – [ECONOMICALLY WEAKER SECTION]</u> Qualification / Experience: (a) Passed S.S.C. OR Equivalent from a recognized Board. OR

	(a) National Trade Certificate (NTC) awarded by National Council of vocational Training (NCVT) in trade Plumber. (b) One year experience in plumbing. Job Description: Candidate should be conversant with drainage and potable water lines as well as chilled water line maintenance works, maintenance of pumps. He should be conversant with GI, PVC & Copper piping works. The candidate may have to work in round-the-clock shift duties. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test
28	<u>WORK ASSISTANT (TECHNICAL) [FITTER] – ONE POST - [ECONOMICALLY WEAKER SECTION]</u> Qualification / Experience: (a) National Trade Certificate (NTC) awarded by National Council of vocational Training (NCVT) in trade Fitter. (b) One year experience in relevant field. Job Description: 1. Knowledge of sheet metals. 2. Basic Knowledge of fitter trade and measurements. 3. Knowledge of tools, materials, and fitting techniques. 4. Basic knowledge of industrial safety norms and PPE requirements. Age: Maximum 28 years (Age relaxation is as per rules). Mode of Recruitment: Written Test and Trade Test
29	<u>SECURITY GUARD – THREE POSTS – [UNRESERVED]</u> Qualification / Experience: (a) S.S.C OR Equivalent (Central/State Board Examinations) (b) Minimum three years' experience in Defence/ CAPF/Security work in a reputed organization. (c) Firefighting Training First Aid Certificate/NCC certificate/ Civil Defence training/Home guard (This clause is not applicable to candidates from Defence /CAPF) (d) Knowledge of use of personal computers and applications <u>Physical Fitness</u> (a) Male - Height not less than 165cms; - Chest 80-85 cms - Weight: corresponding to height and age as per medical standard. - Eye sight: The minimum vision should be 6/6 and naked eye vision for both eyes should be 6/9, and colour recognition. (b) Female - Height not less than 157 cms; Chest [Not applicable] - Weight: corresponding to height and age as per medical standard. - Eye sight: The minimum vision should be 6/6 and naked eye vision for both eyes should be 6/9, and colour recognition.



Physical Efficiency Test

(a) Running Fitness for male candidates : 100 meters in 16 seconds and 1.6 km in 6.30 minutes for running tests conducted on smooth and straight running tracks. The time will be extended to 8.00 minutes for 1.6 km running test conducted in TIFR Colony.

-Running fitness for Ex-Servicemen, Military Service Personnel, CAPF and internal candidates above 35 years, Females :100 meters in 18 secs and 1.6 km in 8.30 minutes for running tests conducted on smooth and straight running tracks. The time will be extended to 10.00 minutes for 1.6 km running test conducted in TIFR Colony.

(b) Shot put (except females) (7.26 kgs) 4.5 mts (c) Chin ups except females :

Upto 30 years : 08-09 numbers

30-40 years : 05-06 numbers

(c) Push ups except females :

40-45 years : 16-17 numbers

Above 45 years: 12-13 numbers

(d) Sit ups except females :

Up to 30 years : 25 – 29 numbers

30-40 years : 20-24 numbers

40-45 years : 15-19 numbers

Above 45 years: 10-14 numbers

Note: Ex-servicemen, Military Service personnel and CAPF personnel with 3 years' experience will be considered for the Pay Level 2. Ex-servicemen, Military Service personnel and CAPF personnel with 10 years' experience or more can be considered for higher Pay Level 3.

(Relaxation in Physical Fitness to members of some communities as per extant GOI rules).

Job Description:

To work in shifts.

Regulate entry and exit of personnel and visitors, check ID cards, issue visitor passes, and ensure no unauthorized access to the premises.

Conduct regular patrols of the assigned area to deter and detect signs of intrusion or safety hazards and report irregularities, assist in functioning of surveillance equipment.

Respond promptly to emergencies or unusual situations such as fire, medical situations, or security breaches; guide occupants safely and inform concerned authorities as per protocol.

The individual will be expected to maintain physical standards as per requirements of the job profile during the period of employment.

Age: Maximum 28 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test, Physical Fitness and Physical Efficiency Test



**30 PROJECT ADMINISTRATIVE ASSISTANT (B) – ONE POST –
[UNRESERVED]**

Qualification / Experience:

- (a) Graduate from a recognised University /Institute with aggregate of 55% marks.
- (b) Proficiency in word processing/data base/accounting procedures.
- (c) 5 years' experience in Accounts/ Purchase/ Stores/General Admin /Establishment in a large and reputed organization.

Job Description:

1. Knowledge of GFR, Procurement and Works Procedure as per CPWD, should have experience of billing and audit of works contracts.
2. The candidate should handle all the administrative works such as letter drafting, data base handling, leave management and other administrative work.

Age: Maximum 33 years (Age relaxation is as per rules).

Mode of Recruitment: Written Test and Skill Test

General Information:

1. All the above posts are tenable at TIFR, Colaba, Mumbai.
2. Selected candidates for all the above posts are liable to be transferred to other Centers/Field Stations of the Institute, if required.
3. The appointment for the post at sr. no. 30 is temporary and non-pensionable and may be renewed each year up to a total period of three years depending upon performance. The candidate will not have any claim for any permanent or temporary appointment in the Institute either during or after the project period.
4. Appointment for the above posts at Sr. Nos. 1 to 7 and 12 to 17 will be initially for a period of three years, including probation period of one year. Continuing appointment beyond the initial period of three years will be subject to the results of a comprehensive review and performance appraisal. After successful review, the appointment is continued till superannuation age, which is sixty.
5. Selected candidates for the above mentioned posts from sr. no. 12 to 17 and 22 to 29 will be required to work on Saturday/Sundays and holidays, as per the exigencies of the Institute.
6. Selected candidate for the posts from sr. no.12 to 17 and 22 to 29 will be required to work in shift duties.
7. The applicant's age must not exceed the prescribed limit as on the closing date for receipt of applications. Age relaxation as per rules.
8. Selected candidates for posts from sr. no. 1 to 29 will be governed by the National Pension System applicable in the Institute [unless already governed by CCS (Pension) Rules 1972].
9. Post/s for general category (Unreserved) – SC/ST/OBC/EWS/PwBD candidates can also apply. Candidates applying for EWS reserved posts should not be covered under the scheme of reservation for SCs, STs and OBCs.

10. **Applications from the candidates will be accepted ONLY ON-LINE.**

- i) Applicants from Government/Semi-Government/ Public Sector Undertaking, if called, will be able to participate in the recruitment process only upon submission of NOC from the competent authority, at the time of selection process.

11. **On-Line applications must be submitted by July 04, 2026.**

12. **The candidates are required to produce the following original documents with copies at the time of recruitment process:**

- a. Printout of online application form.
- b. Identity Proof (Aadhaar Card / Election Card / PAN Card / Passport / Driving License).
- c. Date of birth/Proof of age.
- d. Educational Qualification (all mark sheets and certificates).

In case Universities/Board award letter grades/CGPA/CGPI/OGPA, the same will have to be indicated as equivalent percentage of marks as per the norms adopted by the University/Board. In the absence of the same, the candidature will not be considered. **While submitting original documents for verification, the candidates will have to produce the norms of the University/Board for conversion of grades/CGPA/CGPI/OGPA to equivalent percentage of marks.**

- e. Experience certificate/s.
- f. Character certificates from two respectable persons.
- g. SC/ST/OBC/EWS & PwBD certificate (wherever applicable) in the Government of India format.
- h. OBC candidates should submit a valid copy of the Non-creamy Layer certificate issued by competent authority in the Government of India (GOI) format. The OBC Non-Creamy Layer certificate in GOI format should be preferably for the current financial year on the date of closing of application or utmost not earlier than one year from the date of closing of application. Acknowledgement receipt of submission of application for OBC-Non Creamy Layer Certificate for current financial year will also be accepted (If selected, the candidate has to submit OBC Non-Creamy Layer certificate for the current financial year).
- i. EWS candidates should submit a valid copy of EWS certificate issued by competent authority in the Government of India (GOI) format. The EWS certificate in GOI format should be preferably for the current financial year on the date of closing of application or utmost not earlier than one year from the date of closing of application. Acknowledgement receipt of submission of application for EWS Certificate for current financial year will also be accepted (If selected, the candidate has to submit EWS certificate for the current financial year).
- j. PwBD candidates applying for the unreserved post should be suffering from not less than 40% of the disability for the benefit of age relaxation. Candidates will have to submit a Disability Certificate issued by the competent authority in the prescribed format.

A) Outstation candidates called for recruitment process for the posts at sr.no.1 to 3 will be paid single first class (non-air conditioned)/III Tier A/C return fare for the journey by the shortest route from the nearest railway station of their place of residence on the production of photocopies of onward and return journey tickets.

B) Outstation candidates called for recruitment process for the posts at sr.no.4 to 11 and 12 (SC Candidates) will be paid single second class return train fare for the journey by the shortest route from the nearest railway station of their place of residence to the nearest railway station of the place of interview on the production of photocopies of onward and return journey tickets. However, these candidates will have to bear the fare for the first 30 kms. both ways.

"If you travel by air, you are required to purchase air tickets ONLY from 1) M/s Balmer Lawrie & Company Limited (BLCL) 2) M/s Ashok Travels & Tours (ATT) 3) Indian Railways Catering and Tourism Corporation Ltd. (IRCTC). BOOKING THROUGH THE WEBSITE OF AIRLINES IS NOT ALLOWED. The air-fare for such candidates will be restricted to the eligible return train fare on production of tickets and boarding passes".

13. The Institute reserves the right to restrict the number of candidates for the recruitment process to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement. Mere fulfilling the essential and desirable qualifications and experience will not entitle an applicant to be called for the recruitment process. The Institute reserves the right not to fill any/some posts herein advertised. Canvassing in any form shall disqualify the candidate.
14. Before applying for the post, the candidate should ensure that they fulfill the eligibility and other criteria. Recruitment authorities would be free to reject application not fulfilling the requisite criteria, at any stage of recruitment, and if erroneously appointed, such candidates shall be liable to be terminated from service, if appointed.
15. The Institute reserves the right to conduct written tests, skill tests, interviews etc. online/in-person.

