

# TATA INSTITUTE OF FUNDAMENTAL RESEARCH

National Centre of the Government of India for Nuclear Science & Mathematics and  
a Deemed University

1, Homi Bhabha Road, Colaba, Mumbai 400 005

## Advertisement No. 2022/11

Applications are invited for the following posts tenable at Mumbai.

Sr. No.	Name Of The Post	Reservations						Age Max.	Pay Level and Pay Stage as per 7 <sup>th</sup> CPC Pay Matrix	TME (Rs.)
		UR	SC	ST	OBC	PwBD	EWS			
1	Engineer (C) [Civil] – One Post	1	0	0	0	0	0	28	Pay Level 10; Pay Stage 1	99,969/-
2	Scientific Assistant (B) – One Post	1	0	0	0	0	0	28	Pay Level 6; Pay Stage 1	61,818/-
3	Scientific Assistant (B) – One Post	0	1	0	0	0	0	33	Pay Level 6; Pay Stage 1	61,818/-
4	Laboratory Assistant (B) – One Post	1	0	0	0	0	0	28	Pay Level 3; Pay Stage 1	39,761/-
5	Laboratory Assistant (B) – One Post	0	0	0	1	0	0	31	Pay Level 3; Pay Stage 1	39,761/-
6	Work Assistant [Electrical] – One Post	1	0	0	0	0	0	28	Pay Level 1; Pay Stage 1	31,329/-
7	Project Scientific Officer (C) – Two Posts	2	0	0	0	0	0	28	Consolidated Pay (includes HRA)	78,500/-

**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	<p><b>ENGINEER (C) [CIVIL] – ONE POST – UNRESERVED</b></p> <p><b>Qualification:</b> Full Time Degree in Engineering (B.E/B.Tech with aggregate of 60% marks) from a recognized university/institute in Civil Engineering.</p> <p><b>Experience:</b> Candidates must have a minimum of 3 years' post-degree employment-experience, with exposure to and participation in Maintenance and Management of Civil Infrastructure in a reputed organization.</p> <p><b>Desirable:</b> a) Good knowledge of CPWD work procedures and building codes. b) Experience of supervision of construction of at least one single building from foundation level to superstructure c) Knowledge of quality control, rate analysis, cost estimation, recording measurements in measurement Books, certification of contractors bills, etc. d) Knowledge of AutoCAD and use of personal computers and its applications.</p> <p><b>Job Requirement:</b> Cost estimation, tender evaluation, quality control, preparation of rate analysis for extra/deviated items, recording measurement of works in Measurement Books(MB), Certification of contractors running/final Bills, maintaining record of test reports, coordinating for civil and allied works required for electrical, HVAC and firefighting at site, supervising outsourced annual maintenance contracts for various bulk services i.e., plumbing, horticulture and landscaping works, water treatment plant, sewage treatment plant, and carpentry works.</p>
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2	<p><b>SCIENTIFIC ASSISTANT (B) – ONE POST – UNRESERVED</b></p> <p><b>Qualification &amp; Experience :</b></p> <ul style="list-style-type: none"> <li>(a) Graduate from a recognized University/Institute with aggregate of 60% marks and Graduate or Post Graduate in Library/Information Science (with aggregate of 60% marks).</li> <li>(b) Knowledge of use of personal computers and its applications.</li> <li>(c) 1-2 years' experience in a well established Scientific/Technical Library.</li> </ul> <p><b>Desirable Qualifications and Job Requirements :</b></p> <p><b>Desirable :</b> Preference will be given to candidates having extensive knowledge of Information Technology including the use of Library Management Softwares, RFID system and open source softwares.</p> <p><b>Job Requirements :</b> Besides the library professional work, the candidate is required to take care of the computerized activities in the library. Initiation to create a digital library and web-based services is expected.</p> <p>The selected candidate may have to work in shifts between 07:45 hours and 22:00 hours (including Saturdays, Sundays and other holidays).</p>
3	<p><b>SCIENTIFIC ASSISTANT (B) – ONE POST – RESERVED FOR SCHEDULED CASTE</b></p> <p><b>Qualification &amp; Experience :</b></p> <ul style="list-style-type: none"> <li>(a) Graduate from a recognized University/Institute with aggregate of 60% marks and Graduate or Post Graduate in Library/Information Science (with aggregate of 60% marks).</li> <li>(b) Knowledge of use of personal computers and its applications.</li> <li>(c) 1-2 years' experience in a well established Scientific/Technical Library.</li> </ul> <p><b>Desirable Qualifications and Job Requirements :</b></p> <p><b>Desirable :</b> Preference will be given to candidates having extensive knowledge of Information Technology including the use of Library Management Softwares, RFID system and open source softwares.</p> <p><b>Job Requirements :</b> Besides the library professional work, the candidate is required to take care of the computerized activities in the library. Initiation to create a digital library and web-based services is expected.</p> <p>The selected candidate may have to work in shifts between 07:45 hours and 22:00 hours (including Saturdays, Sundays and other holidays).</p>
4	<p><b>LABORATORY ASSISTANT (B) – ONE POST – UNRESERVED</b></p> <p><b>Qualification &amp; Experience :</b></p> <ul style="list-style-type: none"> <li>(a) National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in Refrigeration and Air Conditioning.</li> </ul>

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	<p>(b) Two years' experience in Refrigeration and Air Conditioning.</p> <p style="text-align: center;">OR</p> <p>(a) National Apprenticeship Certificate (NAC) (aggregate of 60% marks) awarded by National Council of Vocational Training NCVT) in Refrigeration and Air Conditioning.</p> <p>(b) One year experience in Refrigeration and Air Conditioning.</p> <p><b>Desirable Qualifications and Job Requirements :</b></p> <p><b>Job Description :</b> To operate and maintain the cryogenic plants and equipment in round the clock shift duties. Experience in the field of TIG Welding, Brazing will be an added advantage. Experience in the operation &amp; maintenance of general mechanical machines, cryogenic equipment will be an added advantage.</p>
5	<p><b>LABORATORY ASSISTANT (B) – ONE POST – RESERVED FOR OTHER BACKWARD CLASS</b></p> <p><b>Qualification &amp; Experience :</b></p> <p>(a) National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in Refrigeration and Air Conditioning.</p> <p>(b) Two years' experience in Refrigeration and Air Conditioning.</p> <p style="text-align: center;">OR</p> <p>(a) National Apprenticeship Certificate (NAC) (aggregate of 60% marks) awarded by National Council of Vocational Training NCVT) in Refrigeration and Air Conditioning.</p> <p>(b) One year experience in Refrigeration and Air Conditioning.</p> <p><b>Desirable Qualifications and Job Requirements :</b></p> <p><b>Job Description :</b> To operate and maintain the cryogenic plants and equipment in round the clock shift duties. Experience in the field of TIG Welding, Brazing will be an added advantage. Experience in the operation &amp; maintenance of general mechanical machines, cryogenic equipment will be an added advantage.</p>
6	<p><b>WORK ASSISTANT [ELECTRICAL] – ONE POST – UNRESERVED</b></p> <p><b>Qualification:</b> Industrial Training Institute (ITI) i.e. National Trade Certificate (NTC) awarded by the National Council of Vocational Training (NCVT) pass certificate from a recognized institute in the Electrical trade.</p> <p><b>Experience :</b> Minimum One year experience in electrical work.</p>

**Job Description:** The candidate should possess good health and will be required to assist senior technicians.

**Selected candidate will have to work in round-the-clock shift duties.**

7 **PROJECT SCIENTIFIC OFFICER (C) – TWO POSTS – UNRESERVED**

**Qualification & Experience:**

- (a) Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in Computer Science / Information Technology.
- (b) **Experience:** Minimum 3 years' experience in relevant field.

**Desirable:**

Experience / Certification in Java and Oracle

**Job Requirement:** The candidate should have

- (a) a clear understanding of web application development concepts using JSP/Servlets/Angular/Spring/Hibernate
- (b) Have good programming skills in Java and PL/SQL
- (c) Have clear concepts of DBMS and SQL
- (d) be active and open to acquiring new skills
- (e) **have good communication and interpersonal skills.**

**Job Profile:** The candidate will be required to

- (a) work in a software development team for web application development using Java, Angular, Spring frameworks, android based applications, PL/SQL
- (b) resolve bugs in existing software

**General Information :**

1. All the above posts are tenable at TIFR, Colaba, Mumbai.
2. Selected candidates for Sr. No. 1 to 6 are liable to be transferred to other Centres/Field Stations of the Institute, if required.
3. Higher starting salary could be considered for deserving candidates at Sr. No. 1 to 6.
4. Appointment for the posts at Sr. Nos. 2 to 6 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. The appointment for the above post at Sr. No. 7 is temporary and may be renewed each year up to a total period of 3 years depending upon performance.
6. Selected candidate for the posts at Sr. Nos. 4, 5 & 6 will be required to work in round-the-clock shift duties.

7. Selected candidates for all the above posts will be required to work on Saturday/Sundays and holidays, as per the exigencies of the Institute.
8. Prescribed age should not exceed as on **January 01, 2022** for the above posts.
9. Selected candidates for the above posts at Sr. No. 1 to 6 will be governed by the National Pension System applicable to the Central Government service [unless already governed by CCS (Pension) Rules 1972].
10. Post/s for general category (Unreserved) – SC/ST/OBC/EWS/PwBD candidates can also apply.
11. Posts/s at Sr. No. 4 & 5 not identified suitable for PwBD candidates.

12. **Applications from the candidates will be accepted ONLY ON-LINE except for the following: -**

- i. Candidates applying for above posts and who are eligible for **further age relaxation** as per extant GOI rules are required to submit applications by POST, alongwith a copy of relevant certificate in support of age relaxation (**for example ex-servicemen, persons with benchmark disabilities etc.**). [SC, ST and OBC candidates applying for unreserved posts are not eligible for age relaxation and should apply online].
  - ii. Applicants in Government/Semi-Government/ Public Sector Undertaking must apply through proper channel. Applicants who do not send their applications through proper channel, if called, will be able to participate in the recruitment process only upon submission of an NOC from the competent authority. However, an advance copy of application alongwith relevant enclosures may be submitted by post. Such applicants are not required to apply online.
13. Incomplete applications (online) and off-line applications without photocopy of certificate in support of age relaxation and applications received after the last date shall not be considered.
14. **On-Line applications must be submitted by May 21, 2022 and applications by post must reach Administrative Officer (D), Recruitment Cell, Tata Institute of Fundamental Research, 1, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai 400005 by May 21, 2022.** Applicants who are required to send the applications by post must superscribe the post applied for, advertisement No. & serial number of the post on the envelope. The format of the application is as prescribed for on-line applications.

15. The candidates are required to produce 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/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/OGPA to equivalent percentage of marks.

e. Experience certificate/s.

f. Conduct 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 Govt. of India 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.

16. (a) Outstation candidates called for recruitment process for the posts at Sr. Nos. 1 and 7 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. Nos. 2 and 3 will be paid single second class (non-air conditioned) return train 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;

"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".

17. 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. More vacancies may also be filled through this advertisement. The Institute reserves the right not to fill any/some posts herein advertised. Canvassing in any form shall disqualify the candidate.

18. 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.

19. The Institute reserves the right to conduct written tests, skill tests, interviews etc. online/in-person.

*M. Kumar*  
28/4/2021