



**Advertisement No. 2023/02**

Applications are invited for the following posts tenable at Hyderabad.

| Sr. No | Name of the Post              | Reservations |    |    |     |      |     | Age Below | Pay Level & Pay Stage                | TME  |
|--------|-------------------------------|--------------|----|----|-----|------|-----|-----------|--------------------------------------|--|
|        |                               | UR           | SC | ST | OBC | PwBD | EWS |           |                                      |  |
| 1.     | Scientific Assistant (B)      | 1            | -  | -  | -   | -    | -   | 28        | Pay level-6 ;<br>Pay stage-1         | Rs.63,378/-  |
| 2      | Project Engineer (C)-<br>HVAC | 1            | -  | -  | -   | -    | -   | 28        | Rs.89,900/-<br>consolidated<br>pay   | Rs.89,900/-<br>consolidated<br>pay including<br>of HRA of<br>Rs.13,632/- |
| 3      | Engineer Trainee              | 2            | -  | -  | -   | -    | -   | 28        | Monthly<br>stipend of<br>Rs.35,000/- | Monthly<br>stipend of<br>Rs.35,000/-                                     |

Abbreviations: UR- Unreserved, TME-Total Monthly Emoluments.

**1. Scientific Assistant (B) : One (01) Post (Un Reserved)**

**Essential Qualification:**

Full Time Science Graduate from a recognized University/Institute with aggregate of 60% marks) in Physics / Engineering Physics.

**Essential Experience:**

Minimum two (02) year active post qualification experience in an experimental research laboratory.

**Desirable Experience:**

Hands-on experience in operation of thin film vacuum deposition systems, nanofabrication cleanroom. Proficient in instrumentation, Labview and python.

**Job Requirements/Responsibilities:**

- a) Maintenance and setting up of a state-of-the-art experimental facility
- b) Maintain, train and assist in thin film deposition and nanofabrication facilities
- c) Instrument interfacing using Labview, python and/or Matlab
- d) Self-motivated, able to execute tasks independently
- e) Ordering laboratory consumables and follow-up

The candidates must furnish an up to date CV and a mandatory one page cover letter in which the candidates should describe their professional background and experience, their motivation for applying to this particular position and in which terms they consider fit for this job.

**2. Project Engineer –C (HVAC): One (01) Post (Un-reserved):** Temporary for year and may be renewed each year upto a total period of three years depending upon performance and requirement

**Essential Qualification:**

Full time Degree in Engineering (B.E. / B.Tech with aggregate of 60% marks) in Mechanical / Air Conditioning /Electrical Engineering from a recognized University/institute.

**Essential Experience:**

Minimum 2 years of Designing, Installation, and Commissioning of Chiller plant, VRV ACs, AHUs etc with a reputed manufacturing companies/HVAC consultancy / Engineering Procurement Contractors/Turnkey Contractors/Architectural Firms.

**Desirable Experience:**

Having additional experience in operation and maintenance of HVAC systems and setting up of clean rooms in reputed research institutions /Bio Laboratories / Pharma Laboratories etc.

**Job requirement / responsibilities:**

- a) Design HVAC systems for facilities, Verification of HVAC designs by consultants, Clean room designs, Preparation of Specifications, Estimations, BOQ & Tenders, Execution and commissioning of HVAC works, verification of bills, etc.
- b) Operation & Maintenance of existing HVAC plants, VRV AC, AHUs Clean rooms. Monitoring of temperatures in labs, facilities, deep freezers, etc.
- c) Awarding Annual Maintenance Contracts or AC installations, Conducting Preventive & Periodical maintenance activities, etc.

The candidates must furnish an up to date CV and a mandatory one page cover letter in which the candidates should describe their professional background and experience, their motivation for applying to this particular position and in which terms they consider fit for this job

**3. Engineer Trainee: Two (02) Posts (Un-reserved):-** Temporary for one year and will be extended for another year depending upon performance and requirement. This scheme is purely a facility for on-job training provided to individuals.

**Essential Qualification:**

Full time degree in B.E/B.Tech in CSE/ECE/IT/EEE/EIE/ETE from a recognized University/Institute.

**Essential Experience:**

Nil. If candidates have prior experience, they can submit experience certificates. Candidates who does not have any experience can also apply.

**Desirable Experience:**

- a) Knowledge on basic computer hardware and networking.
- b) Knowledge of Windows, Linux and Mac operating systems (installation, configuration & troubleshooting).
- c) Red hat/Cisco course completion or certification is desired.
- d) Basic knowledge in web development and database management.
- e) Basic knowledge in C, shell scripting, Linux commands.

### **Job Requirements/Responsibilities:**

This on job training involves learning of IT technologies available at TIFR-Hyderabad and providing support for all the IT related tasks of the Centre. This broadly includes the following functions:-

- a) Basic computer system administration with general computer hardware and software management, OS troubleshooting, printers/copiers management, IT inventory management.
- b) Basic E-class room administration, Auditorium DSP & AV management, online meeting management, LAN and WiFi network administration and management, VoIP endpoint phone management, CCTV management, AV management for in-house and external events/seminars/conferences.
- c) Basic web development/management which involves developing and testing web modules, websites using HTML, CSS, CMS, LMS, MySQL and other databases, etc.,
- d) Basic HPC server hardware and software management, application compilation and installation, DevOps tools management, basic Linux servers and storage administration, HPC inventory management, basic data centre management like monitoring of cooling units, fire suppression units, PDUs, UPSes, etc.,
- e) Strong interpersonal skills and the ability to function in a team environment.
- f) Excellent problem solving and communication skills.
- g) Ability to work in a team as well as independently.
- h) Any other tasks assigned by the Reporting Officer.

### **General Information:**

1. All the above posts are tenable at TIFR, Hyderabad.
2. Selected candidate for post Sr. No.1 is liable to be transferred to other Centers / Field Stations of the Institute, if required.
3. Higher starting salary could be considered for deserving candidate for post Sr. No.1
4. For post at Sr. No.1, the appointment will be initially for a period of three years, including probation period of one year. Continuing appointment beyond the initial period 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. For the posts at Sr. No.2, the appointment, is temporary for one year and may be renewed each year upto a total period of three years depending upon performance and requirement.
6. For the posts at Sr. No.3, the appointment is temporary for one year and will be extended for another year depending upon performance and requirement. This scheme is purely a facility for on-job training provided to individuals.
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, 2023 for all the above posts.
9. For post at Sr. No.1, selected candidate for the post will be governed by National

Pension System applicable to the Central Government service [unless she/he is already governed by CCS (Pension) Rules 1972].

10. Post for the general category (Unreserved) – SC/ST/OBC/EWS/PwBD candidates can also apply.

11. Applications from the candidates will be accepted ONLINE ONLY (<https://www.tifrh.res.in/index.php/staff-positions/>) except for the following:-

i. Candidates applying for the above posts and who are eligible for **further age relaxation** as per extant GOI rules are required to submit applications by POST, along with a copy of relevant certificate in support of age relaxation (for example ex-servicemen, persons with benchmark disabilities etc.). [SC, ST, OBC & EWS 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 along with relevant enclosures may be submitted by post.

12. 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.

13. On-Line applications must be submitted by **April 28, 2023** and applications by post [who are required to send by post as per para 11 (i) & 11 (ii)] must reach the Administrative Officer, Tata Institute of Fundamental Research, Survey No. 36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad 500046, by **April 28, 2023**. Applicants who are required to send the applications by post must super scribe 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.

14. 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) Latest CV (for posts at Sr. No.1 & Sr. No.2)

i) One page covering letter describing professional background and Experience, their motivation for applying to this particular position and in which terms they consider fit for this job.(for posts at Sr. No.1 & Sr. No.2)

15. (a) Outstation candidates called for recruitment process for the post at Sr. No.1 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.

Outstation candidates called for recruitment process for the post at Sr. No.2 will be paid single first class (non-air conditioned) / III Tier A/C 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.

(b) 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.

16. 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.

17. Before applying for the post, the candidate should ensure that they fulfil 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.

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

19. If you are facing any difficulty while applying through online, please write to [recruitment@tifrh.res.in](mailto:recruitment@tifrh.res.in) giving a brief nature of the difficulty you are facing

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