



TATA INSTITUTE OF FUNDAMENTAL RESEARCH
(Autonomous Institution of the Department of Atomic Energy, Government of India)
Sy.No.36/P, Gopanpally Village, Serilingampally Mandal,
Ranga Reddy Dist. Hyderabad – 500 107
Tel: +91(0) 40 2020 3040 Website: www.tifrh.res.in

Advertisement No. 2017/5

Applications are invited for the following post tenable at Hyderabad. Please visit our website for application details and prescribed requirements <http://www.tifrh.res.in/index.php/staff-positions/>.

| Sr. No. | Name of the Post | Reservations | | | | | Age Below | Pay Band + Grade Pay (Rs) | TME |
|---------|--------------------------------|--------------|----|----|-----|-----|-----------|---------------------------|-----------------------------|
| | | UR | SC | ST | OBC | PWD | | | |
| 1 | Project Technical Officer (C) | 1 | - | - | - | - | 28 | Rs. 52000/- | Rs. 52000/- (including HRA) |
| 2 | Project Scientific Officer (C) | 1 | - | - | - | - | 28 | Rs. 52000/- | Rs. 52000/- (including HRA) |
| 3 | Project Animal House Manager | 1 | - | - | - | - | 28 | Rs. 52000/- | Rs. 52000/- (including HRA) |

Abbreviations: UR – Unreserved; OBC – Other Backward Classes; SC- Scheduled Caste; PWD- Persons with Disability (OH – Orthopedically Handicapped; HH – Hearing Handicapped); TME - Total Monthly Emoluments.

1. **Project Technical Officer (C):** Temporary for one year and may be renewed each year upto a total period of three years depending upon performance and requirement.

Essential Qualifications: B.E. / B. Tech in Mechanical Engineering or Instrumentational Engineering with 60% marks (in aggregate).

Essential Experience: Minimum 1-2 years experience in mechanical workshop or instrumentation or related areas

Desirable Experience: Knowledge in vacuum science and manufacturing, Desirable that the candidate has exposure in machine shop tools to interact with machinist and develop tool capability for implementation of work orders/jobs. Experienced in using electronics such as oscilloscope, voltage and current sources and in building simple table-top electronic modules.

Job Requirement:

- 1.Operational maintenance of ultra-high vacuum cluster system. Knowledge of materials preferred for vacuum applications would be desirable.
- 2.Preferable to have experience in Solid-works to be able to generate 2D and 3D drawings of vacuum components for assembly.
- 3.Desirable that the candidate has exposure in machine shop tools to interact with machinist and develop tool capability for implementation of work orders/jobs
- 4.Develop new vacuum assemblies in the lab with interaction with members in the laboratory.

5. Monitoring and building basic electronic modules for laboratory
2. **Project Scientific Officer (C):** Temporary for one year and may be renewed each year upto a total period of three years depending upon performance and requirement.

Essential Qualifications: Post Graduate in any field of Biology with 60% marks (in aggregate)

Essential Experience: Minimum 1-2 years' experience in Wet Laboratory Research.

Desirable Experience: Excellent command of written and verbal communication in English.

Job Requirement:

1. Assisting biology faculty in the development and implementation of standard operating procedures (SOPs) for safe, responsible and ethical conduct of biological laboratory research at TIFR Hyderabad.
 2. Training biology students and staff in safe, responsible and ethical conduct of biological research at TIFR Hyderabad via classroom as well as laboratory presentations.
 3. Arranging the training of new faculty, staff and trainees in the proper use of biological research facilities at TIFR Hyderabad and ensuring compliance with the institutional SOPs.
 4. Overseeing the constitution of institutional biological and research safety and ethics committees by inviting appropriate member scientists.
 5. Interfacing with respective government agencies to ensure timely submission and review of the specific laboratory research and safety protocols.
 6. Coordinating with vendors, TIFR administration and scientists for the tendering, acquisition and maintenance of major common biological equipment, supplies and establishment of infrastructure for common biological research areas.
3. **Project Animal House Manager:** Temporary for one year and may be renewed each year upto a total period of three years depending upon performance and requirement.

Essential Qualifications:

- i) Bachelor of Veterinary Science (B.V.Sc) with minimum 60% marks (in aggregate) with a valid registration in Veterinary Council of India.
- ii) Knowledge of use of personal computers and its applications.

Essential Experience: Minimum 2 years' experience in

- i) Breeding and maintenance of laboratory mice
- ii) Training in laboratory mouse handling and experimentation.

Desirable Qualifications:

- i) M.V.Sc. with 1 year experience in laboratory mouse handling/ maintenance/ research.
- ii) Experience in laboratory mouse health and genetic screening techniques.
- iii) Knowledge of CPCSEA guidelines.
- iv) Good command of written and verbal communication in English.

Job Requirement:

- i) Develop and implement standard operating procedure (SOP) for the use of the laboratory mice.
- ii) Provide orientation to new users in the humane use, care and handling of laboratory mice.
- iii) Participate in the formation and organization of IAEC meetings, reviewing animal research protocols for TIFR-H investigators.
- iv) Oversee mouse husbandry, assist users in their animal related procedures like sample collection, injections, methods of animal identification, euthanasia of animals, SPF health monitoring procedures, etc.
- v) Arrange import and export of live laboratory mice, animal health monitoring, organizing animal ethics committee meetings and record keeping as per CPCSEA guidelines (GOI).
- vi) May be required to attend training courses within India or abroad, as per requirements of the researchers.
- vii) Should be available for emergency veterinary care after work hours, on weekends, and on holidays.
- viii) Participate in the setup and maintenance of a state-of-the-art Specific Pathogen Free (SPF) Barrier Mouse Facility at TIFR Hyderabad.
- ix) Coordinate and collaborate with a team of animal care takers and housekeeping staff.

General Information:

Higher starting salary could be considered for deserving candidates for the above posts. Selected candidates are liable to be transferred to other Centres / Field Stations of the Institute, if required.

Prescribed age should not exceed as on **July 1, 2017** for the above posts.

Post for the general category (Unreserved) – SC/ST/OBC/PWD (Persons with Disabilities) candidates can also apply.

Selected candidate may have to work in shifts/outside office hours and on Saturdays/Sundays and holidays.

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

Candidates applying for above posts and who are eligible for **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 disabilities etc.**). [SC, ST & OBC candidates applying for unreserved posts are not eligible for age relaxation and should apply online]. Incomplete applications and applications without photocopy of certificates in support of age relaxation and applications received after the last date shall not be considered.

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 the NOC from the competent authority. However, an advance copy of application along with relevant enclosures may be submitted by post before **20 January 2018**. Such applicants are not required to apply online.

i) On-line applications must be submitted by **20 January 2018** and **applications by post must reach In-Charge, Establishment by 20 January 2018**. 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.

ii) Note: The candidates are required to produce following original documents with copies at the time of the recruitment process:

- a. **Printout of online application form.**
- b. **Identity proof (Aadhar Card/ Election Card / Pan Card / Passport / Driving License).**
- c. **Date of birth / Proof of age.**
- d. **Educational Qualification (all mark sheets and certificates).**
- e. **Experience Certificate/s.**
- f. **Conduct certificates from two respectable persons.**
- g. **Candidates applying for the above post reserved for Persons with Disability (HH/OH) should be suffering from not less than 40% of the relevant disability for the benefit of reservation. Candidates will have to submit a Disability Certificate issued by the competent authority in the prescribed format. PWD candidates belonging to SC/ST/OBC will be given further age relaxation as per extant GOI rules.**

iii. Outstation candidates called for interview for the above posts 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 to the nearest railway station of the place of interview on the production of photocopies of onward and return journey tickets.

iv. 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 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.

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