



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
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Advertisement No. 2018/3

Applications are invited for the following posts 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 Level & Pay Stage	TME
		UR	SC	ST	OBC	PWD			
1	Scientific Officer (D)	1	-	-	-	-	35	Pay Level -11; Pay Stage 1	Rs.111451/-
2	Engineer (C) - Architect	-	1	-	-	-	33	Pay Level -10; Pay Stage 1	Rs.81195/-
3	Scientific Officer (C)	1	-	-	-	-	28	Pay Level -10; Pay Stage 1	Rs.81195/-
4	Scientific Assistant (B)	-	1	-	-	-	33	Pay Level- 6; Pay Stage 1	Rs.50226/-
5	Scientific Assistant (B) - Electrical	1	-	-	-	-	28	Pay Level- 6; Pay Stage 1	Rs.50226/-
6	Tradesman (B) – Turner	1	-	-	-	-	28	Pay Level- 3; Pay Stage 1	Rs.32471
7	Work Assistant	-	-	-	1	-	31	Pay Level -1; Pay Stage 1	Rs.26105/-

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

1. SCIENTIFIC OFFICER (D): ONE POST - (UN-RESERVED)

Essential Qualifications: Master's Degree or Ph.D in Veterinary Science with a valid registration certificate issued by IVC (Veterinary Council of India).

Essential Experience: 2 years' experience in relevant field. Out of 2 years, at least 1 year experience is essential in direct handling, management, breeding, maintenance and health monitoring of laboratory mice.

Desirable Experience:

- Knowledge of CPCSEA guidelines
- Experience in experimentation with laboratory mice, particularly inbred strains
- Knowledge of use of personal computers and its applications.
- Good command of written and verbal communication in English

Job Responsibilities:

1. Develop and implement standard operating procedure (SOP) for the use of laboratory mice.
2. Provide orientation to new users in the humane use, care and handling of laboratory mice.
3. Perform mouse husbandry and SPF health monitoring, train and assist users in their animal related procedures like sample collection, injections, methods of animal identification and euthanasia.
4. Arrange import and export of live laboratory mice, organize animal ethics committee meetings and record keeping as per CPCSEA (GOI) guidelines.
5. Should be available for emergency veterinary care after working hours, on weekends, and on holidays.
6. Manage the day to day running and maintenance of the mouse facility, order supplies and equipment needed in the mouse facility, coordinate the facility housekeeping.
7. Participate in the setup and maintenance of a state-of-the-art-Specific Pathogen Free (SPF) Barrier Mouse Facility at TIFR Hyderabad

2. ENGINEER (C) - ARCHITECT: ONE POST - (RESERVED FOR SCHEDULED CASTE)

Essential Qualifications: Graduate degree in Architecture (B.Arch.) from a recognized university / institute with minimum 60% marks in aggregate.

Essential Experience: Minimum 1-2 years of experience in architectural planning & design and interior furnishing of buildings in a reputed architectural firm, research laboratory, universities and central/state government/Public sector organizations

Desirable Experience: The candidate should have excellent technical and detailing skills required for preparation of master plan, planning & design of educational buildings, research laboratories, etc. with considerable experience in interior furnishing and building services (i.e., Plumbing, Air Conditioning, Lighting, Firefighting, etc). The candidate should be computer savvy and well versed in the usage of ACAD, 3D modelling, Photoshop, MS Excel, etc. Should have thorough knowledge of National Building Code, local Building Bye laws, Green building norms, Scientific Equipment and Furniture Association (SEFA)/Occupational Safety & Health Administration (OSHA)/ISO/BIS standards that are followed in design of Laboratories and its furniture. Candidate shall have good writing, presentation and communication skills. Additional years of experience will also be considered.

Job Responsibilities: Preparing preliminary sketch designs for laboratories/office space/common areas, etc. and obtaining approvals from respective Faculty/Administrative/Technical authorities in the institute. Preparation of Statutory/GFC drawings for buildings, services, furniture, etc for approval and execution respectively. Preparation of detailed specification following standard codes, Rate analysis for Estimation and expenditure approval, Tender documents for inviting bids, scrutinizing the tenders received, etc. Submitting PERT/BAR Charts for timely completion of the work, visiting site periodically for inspection/supervision/quality surveillance/restricting cost escalation due to increase in quantity, extra and deviated items, etc. Checking measurements of work at site, certifying contractor's bills for payment, preparation of as built drawings, etc.

3. SCIENTIFIC OFFICER (C): ONE POST - (UN-RESERVED)

Essential Qualifications: M.Sc. in Biology / Biotechnology with 60 % marks in aggregate

Essential Experience: 1-2 years of research experience in molecular biology and genetics. The candidate must be competent in *Drosophila* husbandry and genetics. Must be proficient in molecular biology and biochemical techniques. The candidate should be able to design and execute a variety of molecular biology and genetic experiments. The candidate must be self-motivated and capable of working independently. The candidate must be proficient in verbal and written communication in English language

Desirable Experience: *Drosophila* transgenesis and imaging. Experienced in working in a team.

Job Responsibilities:

1. Supervise fly culture media preparation.
2. Maintenance of about 2000 *Drosophila* strains.
3. Quarantine of newly arrived *Drosophila* strains.
4. Generation of new genetic strains and transgenic lines.
5. Assessment of phenotype and genotype of strains using genetic and molecular techniques.
6. Dissection, staining and imaging of fly tissues.
7. Supply of strains to other lab members as well as shipping strains to other researchers.
8. Provide help in genetic screens.
9. To train new lab members and visiting students in the lab.
10. To maintain the record.
11. To help in outreach activities of the lab

4. SCIENTIFIC ASSISTANT (B): ONE POST - (RESERVED FOR SCHEDULED CASTE)

Essential Qualifications:

a) B.Sc. in Electronics/Instrumentational Engineering with 60% marks in aggregate

(OR)

SSC/HSC. Diploma in Electronics/Instrumentational Engineering with 60% marks in Aggregate.

b) Knowledge of use of personal computers and its applications.

Essential Experience: Fresher's as well as candidates with 1 or 2 or more years experience in assembly, testing and maintenance of electronics (digital/analogue), power supply and control circuits.

Desirable Experience: Experience in working in Scientific laboratories with instrumentation. Experience with making mechanical drawings and interface with the workshop for building scientific apparatus is desired. Experience in handling optical systems will be an added advantage. Interest in IOT based methodology will be added advantage.

Job Responsibilities:

- a) Maintenance of High Vacuum Target chambers and beamline end stations for Intense laser matter activities and Interact with Laser lab members to design, build and assemble vacuum components.
- b) He/she is required to monitor and operate Laser Modules of the present Intense laser system.
- c) He/she is required to repair electronic modules and also design electronic units required for the experiments.
- d) Routine administrative and organisational duties for the smooth operations of the laboratory, including assistance in procurements.

5. SCIENTIFIC ASSISTANT (B) - ELECTRICAL: ONE POST - (UN-RESERVED)

Essential Qualifications:

- a) S.S.C/H.S.C. Diploma in Electrical Engineering with 60% marks in aggregate
- b) Knowledge of use of personal computers and its applications.

Essential Experience: Minimum 1 year of experience in operations and maintenance HT and LT electrical systems with hands on experience in carrying out trouble shooting of electrical circuits, control wiring, interlocking system, etc.

Desirable Qualification and Job Responsibilities:

- i) Operations and Maintenance of HT and LT Electrical Installations, Transformers, DG sets, Chillers, VRV AC system, Firefighting & Fire Alarm system by efficient preventive and periodical maintenance.
- ii) Addressing and resolving system breakdowns, failures and repairs efficiently within a short period
- iii) Monitoring service contracts for Lifts, HVAC installations, Diesel Generators, UPS systems including batteries, Stabilizers, Firefighting & Fire Alarm system, etc. i.e. Awarding new contracts after warranty period, timely renewal of existing contracts, etc. for maintaining efficient, effective and uninterrupted services.
- iv) Liaison with local electricity authority/statutory bodies/Corporation/etc, for necessary permissions and approvals relating to power/enhancement of demand load/Energy audit/etc.
- v) Candidate should have valid 33KV/11 KV Electrical supervisory License from competent authority.

6. TRADESMAN (B) - TURNER: ONE POST - (UN-RESERVED)

- i) S.S.C. OR equivalent.
- ii) ITI i.e. National Trade Certificate (NTC) (60% marks) awarded by National Council of Vocational Training (NCVT) in the relevant trade with two years of experience.

(OR)

National Apprenticeship Certificate (NAC) (60% marks) awarded by National Council of Vocational Training (NCVT) in the relevant trade with one year experience.

Experience: The candidate must have experience in using the lathe and universal milling machine. He/She should be able to understand the engineering drawings to fulfill a given job independently. Experience in using Tungsten Inert Gas Welding machine is also expected.

Desirable: Experience in making engineering drawings in Solidworks or Autocad is desirable with the ability to communicate in English or Hindi.

7. WORK ASSISTANT: ONE POST (RESERVED FOR OTHER BACKWARD CLASSES)

S.S.C. OR equivalent.

Experience: Minimum 1 year experience in day to day activities in Administration

Desirable:

- i) Maintenance of record keeping & general files
- ii) Outdoor works like postage, banks and other Govt. Office works etc.,
- iii) Movement of files from one place to another place
- iv) Making the Xerox copies
- v) Any other work required from time to time from the superiors

General Information:

Candidates are liable to be transferred to other Centres / Field Stations of the Institute, if required.

Appointment for Serial Number of the posts – 1 to 6 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.

Appointment for Serial Number of the post – 7 will be initially for a period of one year, including probation period. 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.

Selected candidates for the above posts will be governed by National Pension System applicable to the Central Government service [unless she/he is already governed by CCS (Pension) Rules 1972].

Prescribed age should not exceed as on **1 January 2018** for the above posts.

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

Selected candidates 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 **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 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 working 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 allowed for Written Test / interview only upon submission of the NOC from the competent authority. However, an advance copy of application along with the relevant enclosures may be submitted by post before the due date.

i) On-line applications must be submitted by **06 July 2018** and **applications by post must reach In-Charge, Establishment by 06 July 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 test/interview:**

- 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. **Disability Certificate (if required)**

iii) Outstation candidates called for interview for Sr. No.1, 2 & 3 will be paid III Tier AC Train Fare & Sr. No. 4 & 5 will be paid Single Second Class (Non Air-conditioned) train fare for the journey by the shortest route from the nearest railway station of their place of residence to the place of interview on the production of onward and return journey tickets.

iv) The Institute reserves the right to restrict the number of candidates for interview to 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 interview. 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.

(The format of the certificate to be produced by Scheduled Castes and Scheduled Tribes candidates applying for appointment to posts under Government of India)

This is to certify that Shri/Shrimati/Kumari* _____ son/daughter of _____ of village/town/* in District/Division * _____ of the State/Union Territory * _____ belongs to the Caste/Tribes _____ which is recognized as a Scheduled Caste/Scheduled Tribes* under:-

The Constitution (Scheduled Castes) order, 1950 _____

The Constitution (Scheduled Tribes) order, 1950 _____

The Constitution (Scheduled Castes) Union Territories order, 1951 * _____

The Constitution (Scheduled Tribes) Union Territories Order, 1951 * _____

As amended by the Scheduled Castes and Scheduled Tribes Lists (Modification) order, 1956, the Bombay Reorganization Act, 1960 & the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act 1970, the North-Eastern area (Reorganization) Act, 1971 and the Scheduled Castes and Scheduled Tribes Order (Amendment) Act, 1976.

The Constitution (Jammu & Kashmir) Scheduled Castes Order, 1956

The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959 as amended by the Scheduled Castes and Scheduled Tribes Order (Amendment Act), 1976*.

The Constitution (Dadra & Nagar Haveli) Scheduled Tribes Order 1962@. The Constitution (Pondicherry) Scheduled Castes Order 1964@

The Constitution (Scheduled Tribes) (Uttar Pradesh) Order, 1967@

The Constitution (Goa, Daman & Diu) Scheduled Castes Order, 1968@

The Constitution (Goa, Daman & Diu) Scheduled Tribes Order, 1968@

The Constitution (Nagaland) Scheduled Tribes Order, 1970@

The Constitution (Sikkim) Scheduled Castes Order 1978@

The Constitution (Sikkim) Scheduled Tribes Order 1978@

The Constitution (Jammu & Kashmir) Scheduled Tribes Order 1989@

The Constitution (SC) orders (Amendment) Act, 1990@

The Constitution (ST) orders (Amendment) Ordinance 1991@

The Constitution (ST) orders (Second Amendment) Act, 1991@

The Constitution (ST) orders (Amendment) Ordinance 1996

%2. Applicable in the case of Scheduled Castes, Scheduled Tribes persons who have migrated from one State/Union Territory Administration. This certificate is issued on the basis of the Scheduled Castes/Scheduled Tribes certificate issued to Shri/Srimati _____ Father/mother _____ of Shri/Srimath/Kumari* _____ of village/town* _____ in District/Division* _____ of the State/Union Territory* _____ who belong to the _____ Caste/Tribe which is recognized as a Scheduled Caste/Scheduled Tribe in the State/Union Territory* issued by the _____ dated _____

%3. Shri/Srimati/Kumari and /or * his/her family ordinarily reside(s) in village/town* _____ of _____ District/Division* _____ of the State/Union Territory of _____

Place _____

Signature _____

Date _____

** Designation _____

(with seal of office) State/Union Territory

* Please delete the words which are not applicable

@ Please quote specific presidential order

% Delete the paragraph which is not applicable

Note: The term ordinarily reside(s) used here will have the same meaning as in section 20 of the Representation of the People Act, 1950.

List of authorities empowered to issue Caste/Tribe Certificates:

(i) District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/ Dy. Collector/Ist Class Stipendiary Magistrate/Sub-Divisional Magistrate/Extra-Assistant Commissioner/Taluka Magistrate/Executive Magistrate.

(ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.

(iii) Revenue Officers not below the rank of Tehsildar.

(iv) Sub-Divisional Officers of the area where the candidate and/or his family normally resides.

Note: ST candidates belonging to Tamil Nadu state should submit caste certificate ONLY FROM THE REVENUE DIVISIONAL OFFICER.

OBC CERTIFICATE FORMAT

Annexure

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POSTS UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri/ Smt./ Kumari
son /daughter of.....of village/town
.....in District/Division.....in the State/Union
Territory.....belongs to the..... community
which is recognized as a backward class under the Government of India, Ministry of Social
Justice and Empowerment's Resolution No. dated
.....*. Shri/Smt/Kumari..... and/or his/her
family ordinarily reside(s) in theDistrict/Division of the
.....State/Union Territory. This is also to certify that
he/she does not belong to the persons/sections/Creamy Layer) mentioned in Column 3 of the
Schedule to the Government of India, Department of Personnel & Training OM No.36012/22/93-
Estt. (SCT) dated 08.09.1993**.

District Magistrate
Dy. Commissioner etc.

Dated:

Seal

*- The authority issuing the certificate may have to mention the details of Resolution of Government of India, in which the caste of the candidate is mentioned as OBC.

**- As amended from time to time

Note:- The term "Ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950