



Advertisement No. 2015/3

Applications are invited for the following posts tenable at TCIS Hyderabad:

1. **SCIENTIFIC OFFICER (E)**: One Post [Unreserved] Pay Band (PB-3) : Rs.15600-39100 + Grade Pay Rs. 7600/- ; TME : Rs 78,501/- ; HQ : Hyderabad.

Qualifications: Ph. D in Biophysics / Biochemistry/Chemistry or Protein Chemistry.

Experience: Minimum 7 years of experience in Protein biochemistry, protein analytics and in particular experience in recombinant protein expression from E.coli, yeast, insect and mammalian systems. Experience in cell-free expression system, biophysical characterization and chromatography techniques such as mass spectroscopy, basic NMR spectroscopy, electrophoresis, spectrophotometer, ITC, DLS, HPLC, FPLC, etc is essential. Particular experience in membrane proteins, amyloid fibrils and peptide chemistry is desirable.

Job Requirement:

- (i) The candidate will be responsible for producing recombinant protein for NMR applications using E.coli, yeast, insect and mammalian systems.
- (ii) The candidate will independently develop and optimize novel research-scale protein purification schemes using a variety of tools.
- (iii) The candidate will assist academic users and faculties in their research work.
- (iv) The candidate must be an independent thinker, possess good problem solving skills and be able to function and coordinate flow in interdisciplinary research.

Age: Below 40 years.

2. **SCIENTIFIC OFFICER (D)**: One Post [Unreserved] Pay Band (PB-3) : Rs.15600-39100 + Grade Pay Rs. 6600/- + NPA as applicable (only if registered in Veterinary Council of India) ; TME: Rs. 83,817/- ; HQ : Hyderabad.

Qualifications : Ph.D. or M.V.Sc

Experience: Minimum 2 years of experience in Animal Breeding, maintenance, healthcare, genotyping, colony management and care, surgical experiments, transgenic technology will be highly desirable. The selected candidate may be required to attend additional training courses within India or abroad suitable to the requirements of the researchers. The candidate should be committed to setting up a animal facility anew at TIFR-Hyderabad, which will include ordering facility related equipment and overseeing its establishment. As the candidate is expected to closely interact with faculty and students in their research, proven expertise by substantial publication record and teaching experience are highly desirable.

Job Requirement:

- (i) The candidate should be committed to setting up a new animal facility at TIFR- Hyderabad, which will include ordering facility related equipment and overseeing its establishment.
- (ii) The candidate will assist academic users of the facility in their research work.
- (iii) The selected candidate may be required to attend additional training courses within India or abroad suitable to the requirements of the researchers

Age : Below 35 years.

3. SCIENTIFIC OFFICER (C): One Post [Unreserved] Pay Band (PB-3): Rs.15600-39100 + Grade Pay Rs. 5400/- ; TME : Rs. 57,846/- ; HQ : Hyderabad.

Qualifications :

M.Sc. in Chemistry or Bio-technology with minimum 60% marks

Experience: Minimum 2 years of experience in maintenance & handling of analytical instruments such as Mass Spectrometer, FPLC, UV-Vis Spectrophotometer, GC-MS and in training new users.

Job Requirement:

- (i) The candidate should be committed to setting up an facility of analytical instruments such as Mass Spectrometer, FPLC, UV-Vis Spectrophotometer, GC-MS and any other relevant instruments which will come to the Institute.
- (ii) The candidate will assist academic users of the facility in their Research work.
- (iii) The candidate may need to train the Researchers in Lab safety and also help in disposal of waste chemicals.

Age : Below 28 years.

4. SCIENTIFIC OFFICER (C): One Post [Unreserved]: Pay Band (PB-3): Rs.15600-39100 + Grade Pay Rs. 5400/- ; TME : Rs. 57,846/- ; HQ : Hyderabad.

Qualification :

B.E / B. Tech or M.Sc. in Computer Science/Physics/Mathematics with minimum 60% marks.

Experience :

1-2 years of experience in the relevant field.

Essential skills:

- a) Linux systems administration
- b) Proficient in wired and wireless networking concepts and able to administer a L2/L3 managed LAN
- c) Understanding of BASH shell scripting including understanding existing scripts and writing new scripts.
- d) Software installation and maintenance on Linux, UNIX, Windows and Mac operating system.
- e) Knowledge of Video conferencing systems configuration and maintenance
- f) Knowledge of Telephony systems including analog, digital and IP based systems.
- g) Ability to learn on the job
- h) English language communication skills.

Desirable skills: Working knowledge of HPC clusters maintenance.

Job Description:

The System Administrator is responsible for effective provisioning, installation/configuration, operation, and maintenance of systems hardware and software and infrastructure related to HPC. This individual participates in technical research and development to enable continuing innovation within the infrastructure as well as its day to day maintenance. This individual ensures that system hardware, operating systems, software systems, and related procedures adhere to organizational values, enabling staff, students and faculty.

Age : Below 28 years.

TME : Total Monthly Emoluments.

Higher starting salary could be considered for deserving candidates. Candidates are also liable to be transferred to other Centers/Field Stations of the Institute, if required.

General Information

1. Prescribed Age should not exceed as on July 1, 2015 for the above posts.
2. (a) Appointment for Serial Number of the Post- 1 will be initially for a period of five years only at first instance from the date of joining, including probation period of one year. Continuing appointment beyond the initial period of five 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.

(b) Appointment for Serial Number of the Posts 2, 3 & 4 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.
3. Selected candidates for the above posts will be governed by the National Pension System applicable to the Central Government service [unless they are already governed by CCS (Pension) Rules 1972].
4. Posts for general category (unreserved) – SC/ST/OBC/PWD candidates can also apply.
5. The closing date of receipt of applications **will be 22 days from the date of publication of this advertisement in Employment News.**

Applications giving full details together with copies of relevant certificates/testimonials in the following format and super scribing the post applied for on the envelope should be sent to the **In-Charge, Establishment,** TIFR Centre for Interdisciplinary Sciences, Plot No. 21, Brundavan Colony, CBIT Post Office, Gandipet Road, Hyderabad - 500 075.

Application format : (1) Advertisement Number. (2) Name, Serial Number of the post. (3) Name of the applicant. (4) (a) Date of birth (attach photocopy of certificate). (b) Age as on July 1, 2015. (5) Nationality. (6) Whether belonging to SC/ST/OBC (attach photocopy of certificate). (7) Disability (attach photocopy of certificate). (8) Permanent address. (9) Address for correspondence. (10) Telephone numbers for contact. (a) Landline (b) Mobile. (11) Email address. (12) Qualifications (attach photocopies of certificates and mark lists of all Semesters / Years). (13) Experience with details of organization, post held, scale of pay, basic pay (attach photocopies of all certificates). (14) Names & addresses of two referees (attach certificates). (15) Have you at any time been called for interview in the Institute? If so, give details. (16) Signature of the candidate. **Submission of photocopies of all the certificates and Mark lists stated in the application are essential.**

Incomplete applications and applications without photocopies of certificates 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 and if called, will be interviewed upon submission of an NOC from the Competent Authority, prior to the interview.

Outstation candidates called for interview for Sr. No. 1 & 2 will be paid single First Class / III Tier AC Train Fare and candidates at Sr. No. 3 & 4 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 photocopies of onward and return journey tickets.

The Institute reserves the right to restrict the number of candidates for interview 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 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. Please refer TIFR website also <http://www.tifrh.res.in/tcis/positions/staff.html> for details.