
Advertisement No. 2/2014

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

1. SCIENTIFIC OFFICER (E) : One Post [Unreserved] **by direct recruitment** ; Pay Band (PB-3) : Rs.15600-39100 + Grade Pay Rs. 7600/- ; TME : Rs. 74,250/- ; HQ : Hyderabad.

Qualification : Ph. D in (Experimental) Physics with at least 7 years of post-doctoral experience.

Essential expertise:

- i) Knowledge and experience in optical pumping techniques to spin polarize atomic gases
- ii) Experience in laser excitation and optical measurements.
- iii) Experience in frequency stabilization and control of narrow linewidth CW laser systems, laser amplifiers and related automation.
- iv) Laboratory automation, computer interfacing of experiments, and data acquisition hardware and software including LabView.
- v) Familiarity with computing packages like Matlab / Mathematica.

Desirable:

- i) Experience and ability to guide graduate level student projects in the laboratory.
- ii) Familiarity with vacuum techniques, magnetic shielding and basic electronics.
- iii) General laboratory and inventory management.

Job Description:

The candidate is expected to carry out research in the broad areas of optical pumping, enhancement of nuclear polarization, and their application in magnetic resonance spectroscopy and imaging, and investigating other related effects. The candidate is expected to take part in teaching of graduate level courses and mentoring students for Ph.D. in association with other faculty in TCIS, TIFR, Hyderabad. Candidates should send a complete C.V. including a publication list, a statement outlining their suitability.

Age : Below 40 years, as on Jan 1, 2014, age relaxation as per the Institute's recruitment norms.

2. SCIENTIFIC OFFICER (D) : One Post [Unreserved] **by direct recruitment** ; Pay Band (PB-3) : Rs.15600-39100 + Grade Pay Rs. 6600/- ; TME : Rs. 64,705/- ; HQ : Hyderabad.

Qualification: The Candidate should have a Ph.D. in magnetic resonance related fields with a good academic record.

Experience: 2 years of post-doctoral experience in magnetic resonance.

Job Requirement: The candidate must be willing to learn different aspects of magnetic resonance spectroscopy, carry out the routine operations of the centre and training programmes, interface with users, and take care of the maintenance of the spectrometers. The candidate will be assisted in the job by the NMR faculty and an engineer. Candidates should send a complete C.V. including a publication list, a statement outlining their suitability.

Age : Below 35 years, as on Jan 1, 2014, age relaxation as per the Institute's recruitment norms.

TME : Total Monthly Emoluments.

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

General Information

1. The posts are permanent.
2. Appointment for the above posts 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 New Pension Scheme 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 15 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 superscribing the post applied for on the envelope should be sent to Senior Administrative Officer, TIFR Centre for Interdisciplinary Sciences, Plot No. 21, Brundavan Colony, Survey No. 161, Gandipet Road, Narsingi Village, Gandipet Road, Rajendranagar Revenue Mandal, Ranga Reddy District, 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 Jan 1, 2014. (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 or mark lists). (13) Experience with details of organization, post held, scale of pay, basic pay (attach photocopies of 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 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 shall not be considered.

Outstation candidates called for interview for the above posts will be paid single First Class / III Tier AC 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.

Senior Administrative Officer