

HOMI BHABHA CENTRE FOR SCIENCE EDUCATION
ESTABLISHMENT

Ref: HBC/EST/114

August 13, 2022

Advertisement No. 05/2022

Homi Bhabha Centre for Science Education, TIFR, Mumbai hereby invites applications for Walk-In-Selection of below mentioned position at HBCSE, Mankhurd, Mumbai.

LSR LAB

Project Scientific Officer- B (1 Post- Unreserved)

Walk-in-Selection Date & Time: 06/09/2022 (Tuesday), 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

(a) Full Time Masters degree in Physics from a recognized University/Institute with aggregate of 60% marks or equivalent CGPA.

(b) 1-2 years' experience in developing interactive simulations for learning physics (portfolio needed). Programming experience, specifically in Javascript, Python, and Unity. Experience developing neural network models and other machine learning models, particularly to model scientific data and phenomena.

Desirable Qualification & Experience:

1. Additional degree or training in education research. (Such as MA in Education, B.Ed., Teaching experience etc.)
2. Experience in developing embodied interactions for learning, using software and hardware in an integrated fashion.
3. Field experience in helping students or teachers learn/teach using such embodied interactions (portfolio needed on Walk-in-Selection day).
4. Interest in developing visualizations and interactions that help students learn neural network modeling and other machine learning techniques.
5. Experience in running studies related to education and cognition (Publications needed on Walk-in-Selection day).

Job Description:

To develop novel interaction designs that integrate digital and embodied experiences, for learning and motivation, particularly related to machine learning models.

Consolidated Pay: Rs. 73,300/- p.m. (Incl. of HRA Rs. 11,567/-)

Age: Below 28 years (as on 01/07/2022)

General Conditions:

1. In case Universities/Board award letter grades/CGPA/OGPA, the same will have to be indicated as an equivalent percentage of marks as per the norms adopted by the University/Board. In 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.
2. **The said post is temporary for 3 MONTHS and can be extended further depends on the project tenure.**

3. **Project staff will not be entitled for Institute provided accommodation.**

4. **Please download 'Application Form' here. Bring 'Application Form' duly filled in all respect with enclosures at the time of interview.**

HBCSE reserves the right to conduct screening tests, written tests, skill test and the interviews or postpone or cancel the entire selection process for any or all posts. Canvassing in any form shall disqualify the candidate.

Before applying for the post, the candidate should ensure that she/ he fulfills the eligibility and other criteria. The Centre would be free to reject applications 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.

The HBCSE-TIFR 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. One or more vacancies may be filled through the said recruitment process.

Applicants in Govt. / Semi-Government / Public Sector undertakings /Autonomous bodies must bring a No Objection Certificate from their Reporting Officer at the time of verification of original documents/Interview.

Sd/-

(Pragati Dandekar)

Head, Administration & Finance

NOTICE BOARDS

: HBCSE, Mankhurd
: TIFR Main Campus
: TIFR Centre, Bengaluru
: NCBS, Bengaluru & Panchmarhi
: NCRA, Pune

: GMRT, Pune
: RAC & CRL, Ooty
: NBF & TCIS, Hyderabad
: ICTS, Bengaluru