

HOMI BHABHA CENTRE FOR SCIENCE EDUCATION
Tata Institute of Fundamental Research
V.N. Purav Marg, Mankhurd, Mumbai – 400 088.

Advertisement No. 02/2026

Applications are invited for the following permanent posts tenable at HBCSE, Mumbai.

| Sr. No. | Name of the post | No. of posts | Reservation | Age Max. | Pay Level and Pay stage as per 7 th CPC Pay Matrix | TME (in Rs.) |
|---------|--------------------------------|--------------|-------------|----------|---|--------------|
| 1. | Scientific Officer (B) | 01 | UR | 28 | Pay Level 08 Pay Stage 01 | 96,200/- |
| 2. | Scientific Assistant (B) | 01 | EWS | 28 | Pay Level 06 Pay Stage 01 | 73,020/- |
| 3. | Scientific Assistant (B) | 01 | UR | 28 | Pay Level 06 Pay Stage 01 | 73,020/- |
| 4. | Assistant Security Officer (A) | 01 | UR | 35 | Pay Level 06 Pay Stage 01 | 73,020/- |
| 5. | Work Assistant (Auxiliary) | 01 | OBC | 31 | Pay Level 01 Pay Stage 01 | 36,360/- |

Abbreviation: UR – Unreserved, EWS – Economically Weaker Section, OBC- Other Backward Class, TME- Total Monthly Emoluments

1) SCIENTIFIC OFFICER (B) – ONE POST – UNRESERVED

Essential Qualification and Experience:

- (a) Full time Master's degree in Science (from a recognized University/Institute with aggregate of 60% marks or equivalent CGPA) in Physics / Applied Physics / Astrophysics / Electronics / Computer Science or other equivalent subjects.

OR

- (a) Full time Degree in Engineering (B.E. / B. Tech) (from a recognized University/Institute with aggregate of 60% marks or equivalent CGPA in Computer / Electronics / Mechanical / Electrical / Aeronautical Engineering / Engineering Physics or other equivalent subjects.
- (b) Minimum 1 year post-qualification [as mentioned in point (a)] work in teaching / research / science outreach.

Desirable qualification and Experience:

- (a) Strong background in Astrophysics (as demonstrated through academic projects and/or work experience)
- (b) Knowledge of Linux Operating System, Python / FORTRAN, and LaTeX

Job Description:

The astronomy group at HBCSE is presently coordinating multiple prestigious projects as described below:

- (A) **IAU OAE Center India:** The International Astronomical Union's (IAU) Office of Astronomy for Education (OAE) operates through a global network of centres and nodes. The Indian Center for OAE is hosted by HBCSE and it aims to improve the teaching and learning of astronomy at middle school and high school levels through education research, material development as well as teacher training programmes.
- (B) **Astronomy Olympiad:** This project is a talent nurture programme for high school students (grades 10-12) with a final aim of training and selection of the Indian team for the International Olympiad on Astronomy and Astrophysics (IOAA). There are teacher training components also associated with this project.
- (C) **Astronomy NIUS:** This project is aimed at UG-level students and teachers to expose them to advanced topics and techniques in Astrophysics and initiate them towards proto-research.
- (D) **Material Development, Teacher Training, and Outreach:** Astronomy group at HBCSE is also engaged with multiple other HBCSE projects. We help develop learning modules for the Vigyan Pratibha project, which is aimed at the high school level, participate in teacher training and field trials of these modules. We develop and translate in Indian languages print as well as e-materials related to astronomy. We are intimately involved in the "Anandi Newsletter project", which is a regional language (Marathi) newsletter for school students in the remote corners of the state. Further, we regularly conduct outreach activities like lectures and telescope viewing sessions for schools as well as the general public.

The selected candidate is expected to take a leading role in projects (A) and (B), as well as shoulder important responsibilities in projects (C) and (D) under the guidance of the designated faculty in charge.

Mode of Recruitment: Written Test and Personal Interview

2) SCIENTIFIC ASSISTANT (B) : ONE POST – ECONOMICALLY WEAKER SECTION

Essential Qualification and Experience:

- (a) Full time Science Graduate i.e. B.Sc. / B.S. (in Physics) from a recognized University/Institute with an aggregate of 60% marks or equivalent CGPA.
- (b) Knowledge of use of personal computers and its applications.
- (c) 0–2 years' experience in the field of educational content development, teaching, education technology, education research and teacher training.

Desirable qualification and Experience:

- (a) M.Sc. (in Physics or relevant disciplines) with an aggregate of 60% marks or an equivalent CGPA
- (b) The candidate should have experience in teaching/ scientific writing/ development of educational activities.
- (c) Ability to work with rigorous physics and mathematical content at higher secondary and early undergraduate level.
- (d) Good proficiency in the English language and writing skills in English and/or any other Indian language.
- (e) Proficiency in programming languages like python, javascript etc.
- (f) Experience developing educational technology for aiding teaching and learning of physics.
- (g) Familiarity with physics education research and discipline based education research in general.

Job Description:

1. To contribute towards the development of educational content in physics and related areas, and field testing them as part of teacher training programs and classroom implementation. (The work requires strong academic competence, the ability to interact with teachers and students in different schools and colleges.)
2. To develop education technology based content such as simulations, interactive learning systems etc.
3. To contribute to the writing of project reports.
4. Any other work assigned by the supervisor.

Mode of Recruitment: Written Test and Personal Interview**3) SCIENTIFIC ASSISTANT (B): ONE POST – UNRESERVED****Essential Qualification and Experience:**

- (a) Full time Science Graduate i.e. B.Sc. from a recognized University/Institute with an aggregate of 60% marks or equivalent CGPA in Physics / Applied Physics.
- (b) Knowledge of use of personal computers and its applications
- (c) Fresh graduates, without any work experience, may also apply.

Desirable qualification:

- (a) M.Sc. in Physics / Applied Physics.
- (b) Experience or strong interest in developing either theoretical physics problems or physics experiments at the higher secondary and undergraduate levels.
- (c) Working knowledge of programming, preferably in python, for scientific analysis, simulation, or interfacing of experiments, along with exposure to AI-assisted tools for the same.
- (d) Familiarity with sensors, basic electronics, measurement techniques, data acquisition, calibration, and error/uncertainty analysis.
- (e) Good communication skills, ability to work in a team, careful documentation habits

Job Description:

The desired candidate will be expected to contribute to the development of innovative theoretical and/or experimental tasks suitable for Physics Olympiads, evaluation of Olympiad level exams, and teaching and training of Olympiad students. In addition, the candidate shall be responsible for coordination and organisation of student and teacher workshops at the undergraduate level in Physics, under the NIUS programme of HBCSE. Over time, the candidate is expected to contribute to all academic programmes in the domain of Physics that HBCSE engages in.

Mode of Recruitment: Written Test and Personal Interview**4) ASSISTANT SECURITY OFFICER (A): ONE POST – UNRESERVED****Essential Qualification and Experience:**

- (a) Graduate from a recognized University/Institute with aggregate of 55% marks or equivalent CGPA and with NCC (C) certificate

OR

- (a) Graduate from a recognized University/Institute with aggregate of 55% marks or equivalent CGPA and with Advanced Civil Defence Course Certificate.
- (b) Knowledge of use of personal computers and applications.
- (c) 5 years' experience in Security in Level 5 and above or with equivalent TME (total monthly emolument) and above in a large and reputed organization.

For Ex-Servicemen, Military Service Personnel, CAPF

- (a) Graduation from a recognized University/Institute (Graduation Equivalent Certificate from Ministry of Defence is not sufficient).
- (b) Knowledge of use of personal computers and applications.
- (c) Junior Commissioned Officer (JCO) or equivalent in Level 6 and above OR 3 years' experience as Non-Commissioned Officer (NCO) or equivalent in Level 5 and above.

Physical Fitness

- **Male :** Height not less than 165cms; Chest 80-85 cms
 - Weight: corresponding to height and age as per medical standard.
 - Eye sight: The minimum vision should be 6/6 and naked eye vision for both eyes should be 6/9, and colour recognition.
- **Female :** Height not less than 157 cms; Chest [Not applicable]
 - Weight : corresponding to height and age as per medical standard.
 - Eye sight: The minimum vision should be 6/6 and naked eye vision for both eyes should be 6/9, and colour recognition.

Physical Efficiency Test

- (a) Running Fitness for male candidates: 100 meters in 16 seconds and 1.6 km in 6.30 minutes for running tests conducted on smooth and straight running tracks. The time will be extended to 8.00 minutes for 1.6 km running test conducted on the Campus (exact venue will be decided later).

Running Fitness for Ex-Servicemen, Military Service Personnel, CAPF and internal candidates above 35 years, Females: 100 meters in 18 secs and 1.6 km in 8.30 minutes for running tests conducted on smooth and straight running tracks. The time will be extended to 10.00 minutes for 1.6 km running test conducted on the Campus (exact venue will be decided later).

- (b) Shot put except females (7.26 kgs) 4.5 mts
- (c) Chin ups (except females):
Upto 30 years: 08-09 numbers
30-40 years: 05-06 numbers
- (d) Pushups (except females):
40-45 years: 16-17 numbers
Above 45 years: 12-13 numbers
- (e) Sit ups (except females)
Up to 30 years: 25 – 29 numbers
30-40 years: 20-24 numbers
40-45 years: 15-19 numbers
Above 45 years: 10-14 numbers

Note : Ex-Servicemen, Military Service Personnel, CAPF Personnel not below Junior Commissioned Officer or equivalent having three years' experience in Level 6 and above, will be considered for Level 7 [Assistant Security Officer (B)].

(Relaxation in Physical Fitness to members of some communities as per extant GOI rules).

Desirable qualification and Experience:

- (a) Experience in Safety and Fire management in a large and reputed Organization.
- (b) Experience of handling Services contracts.

Job Description:

The desired candidate will be expected to perform the following duties.

- 1) Oversee day-to-day security operations at HBCSE including control of entry/exit, visitor management, ensuring authorized personnel access to premises, monitor Security Systems and Fire controls.
- 2) Implementation of security contract and management of security staff which includes assigning duties, ensure discipline, conduct regular briefings and training for efficient response to emergencies.
- 3) Conducting enquiries, recording statements, collecting intelligence, submission of reports, rendering assistance to employees in case of emergency.
- 4) Responsible for maintenance of HBCSE vehicles and implementation of Transport Contract and Cosmetic (Campus Premises Maintenance) Contract.
- 5) To be responsible for organizing Republic Day and Independence Day events.
- 6) May be required to work in round the clock shifts. Any other tasks assigned by management as and when required for the Centre.
- 7) The individual will be expected to maintain physical standards as per requirements of the job profile during the period of the employment.

Mode of Recruitment: Physical Efficiency Test and Written Test

5) WORK ASSISTANT (AUXILIARY): ONE POST – OTHER BACKWARD CLASS

Essential Qualification and Experience:

- (a) Passed S.S.C or Equivalent (Central/State Board Examination)
- (b) Minimum one-year experience as Peon/Attendant.

Desirable qualification and Experience:

- (a) Ability to read, write and understand English language
- (b) Basic knowledge of the computer
- (c) Experience in handling large material and packaging

Job Description:

- 1) Regular duties of Peon/Attendant, attending calls, keeping records, filing papers, movement of files from one section to another, handling Dispatch/ postal and bank transactions.
- 2) General cleanliness and upkeep of the section/ unit.
- 3) Other non-clerical work in the section. i.e. arrangement of refreshment etc.
- 4) Any other work assigned by the superior(s)

Mode of Recruitment: Written Test and Skill Test

GENERAL INFORMATION:

How to apply: Applications are only accepted online. For online submission of application, please visit the website <https://www.hbcse.tifr.res.in/get-involved/work-at-hbcse>.

- 1) The posts are tenable at HBCSE, Mumbai but are liable to be transferred if the need arises to the Institute's headquarters or other Centres and Field Stations.
- 2) A higher starting salary could be considered for deserving candidate.
- 3) Appointment for the post at Sr. no. 1, 2 and 3 will be initially for a period of three years, including probation period of one year. Continuing appointments beyond the initial period of three years will be subject to the results of a comprehensive review and performance appraisal. After a successful review, the appointment is continued until the superannuation age, which is sixty.
- 4) Selected candidates for all the above posts will be required to work on Saturday/Sundays and holidays, as per the exigencies of the Institute.
- 5) The applicant's age must not exceed the prescribed limit as on the closing date for receipt of applications. Age relaxation as per rules.
- 6) Selected candidates for the above posts will be governed by the National Pension System applicable in the Institute [unless already governed by CCS (Pension) Rules 1972].
- 7) Post/s for general category (Unreserved) – SC/ST/OBC/EWS/PwBD candidates can also apply. Candidates applying for EWS reserved posts should not be covered under the scheme of reservation for SCs, STs and OBCs.
- 8) Applications from the candidates will be accepted **ONLY ON-LINE**.
 - a. Applicants from Government/Semi-Government/Public Sector Undertaking, if called, will be able to participate in the recruitment process only upon submission of a NOC from the competent authority, at the time of selection process.
- 9) **The online applications must be submitted by July 11, 2026.**
- 10) Incomplete applications without uploading/attaching the supporting documents in support of age relaxation, educational qualification with all semesters wise marksheets and passing certificate, age proof, documents in support of experience viz. experience certificate or appointment letter, confirmation letter, promotion letter, salary proof etc. and applications received after the last date shall not be considered.

- 11) The candidates are required to produce the following original documents with copies at the time of recruitment process:
- a. Printout of online application form.
 - b. Identity Proof (Aadhaar 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. Character certificates from two respectable persons.
 - g. OBC/EWS & PwBD certificate (wherever applicable) in the Government of India format.
 - h. OBC candidates should submit a valid copy of the Non-creamy Layer certificate issued by competent authority in the Government of India (GOI) format. The OBC Non-Creamy Layer certificate in GOI format should be preferably for the current financial year on the date of closing of application or utmost not earlier than one year from the date of closing of application. Acknowledgement receipt of submission of application for OBC-Non Creamy Layer Certificate for current financial year will also be accepted (If selected, the candidate has to submit OBC Non-Creamy Layer certificate for the current financial year).
 - i. EWS candidates should submit a valid copy of EWS certificate issued by competent authority in the Government of India (GOI) format. The EWS certificate in GOI format should be preferably for the current financial year on the date of closing of application or utmost not earlier than one year from the date of closing of application. Acknowledgement receipt of submission of application for EWS Certificate for current financial year will also be accepted (If selected, the candidate has to submit EWS certificate for the current financial year).
 - j. PwBD candidates applying for the unreserved post should be suffering from not less than 40% of the disability for the benefit of age relaxation. Candidates will have to submit a Disability Certificate issued by the competent authority in the prescribed format.
- 12) Outstation candidates called for recruitment process for the posts at sr. nos. 1 to 4 will be paid single second class 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. However, these candidates will have to bear the fare for the first 30 kms. both ways
- 13) "If you travel by air, you are required to purchase air tickets ONLY from 1) M/s Balmer Lawrie & Company Limited (BLCL) 2) M/s Ashok Travels & Tours (ATT) 3) Indian Railways Catering and Tourism Corporation Ltd. (IRCTC). BOOKING THROUGH THE WEBSITE OF AIRLINES IS NOT ALLOWED. The air-fare for such candidates will be restricted to the eligible return train fare on production of tickets and boarding passes".
- 14) 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 and experience will not entitle an applicant to be called for the recruitment process. The Institute reserves the right not to fill any/some posts herein advertised. Canvassing in any form shall disqualify the candidate

- 15) Before applying for the post, the candidate should ensure that they fulfill the eligibility and other criteria. Recruitment authorities would be free to reject application 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
- 16) The Institute reserves the right to conduct written tests, skill tests, interviews etc. online/in-person.
- 17) Only those called for recruitment process will be informed of the results and no interim correspondence of any kind will be entertained.
- 18) **Queries related to issues occurring while applying online only may be sent to recruitment@hbcse.tifr.res.in mentioning your name and mobile number in the email before the last date of submission of application.**
- 19) Corrigendum/Addendum if any, will be published on HBCSE's website.

Sd/-
Head Administrative Operations