

HOMI BHABHA CENTRE FOR SCIENCE EDUCATION
ESTABLISHMENT

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Advertisement No. 01/2026

Homi Bhabha Centre for Science Education, TIFR, Mumbai hereby invites applications for the following Project/Trainee posts at HBCSE, Mankhurd, Mumbai.

Abbreviation:

UR – Unreserved

OBC – Other Backward Class

Designation	No. of Post & reservation	Honorarium/ Stipend	Max. age as on 01/01/2026
Project Scientific Assistant - B	04 (UR)	Rs. 63900/-	28 years
	01 (OBC)	(Incl. of HRA Rs. 9558/-)	31 years (OBC)
Project Assistant	01 (UR)	Rs. 41100/- (Incl. of HRA Rs. 5859/-)	28 years
Project Tradesman- B	01 (UR)	Rs. 41100/- (Incl. of HRA Rs. 5859/-)	28 years
Project Work Assistant	01 (UR)	Rs. 32300/- (Incl. of HRA Rs. 5400/-)	28 years
Clerk Trainee	01 (UR)	Rs. 22000/-	28 years
Technical Trainee (Civil)	02 (UR)	Rs. 23000/-	28 years
Tradesman Trainee (Carpenter)	01 (UR)	Rs. 18500/-	28 years
Tradesman Trainee (Plumber)	01 (UR)	Rs. 18500/-	28 years

I. VIGYAN PRATIBHA PROJECT

Project Scientific Assistant - B, Unreserved (UR) – 3 Posts

Walk-in-Selection Date & Time: 28/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

1. Full-time B.Sc./ B.S. (in any stream of Science or Mathematics) from a recognized University/Institute with an aggregate of 60% marks or equivalent CGPA.
2. Knowledge of use of personal computers and its applications.
3. 0–2 years' experience in the field of educational content development, teaching, education research and social or similar developmental projects.

Desirable Qualification & Experience:

1. M.Sc. (in any stream of Science or Mathematics) with an aggregate of 60% marks or equivalent CGPA with an aggregate of 60% marks or equivalent CGPA in Graduation.
2. The candidate should have experience in teaching/ scientific writing/ development of educational activities
3. Ability to work with rigorous scientific and mathematical content at school level.
4. Good proficiency in the English language and writing skills in English and/or any other Indian language.

5. Ability to engage with the learning needs of Indian students.
6. Basic knowledge of common word processing and data analysis software such as MS-Office, Libre-office, etc.

Job Description:

1. To contribute toward the development of challenging learning units for science and mathematics and field testing them in different schools; teacher professional development and working with in-service teachers on regular basis. (The work requires strong academic competence, the ability to interact with teachers and students in different schools (urban, rural, and tribal), and a sensitivity toward the learning needs of students from diverse backgrounds in the country.)
2. To work with teachers in schools in online mode + through school visits across Maharashtra (and nearby states) for implementation of project activities in the school and its documentation.
3. To contribute to the writing of project reports.
4. Any other work assigned by the supervisor.

II. ASTRONOMY OLYMPIAD CELL

Project Scientific Assistant- B, Unreserved (UR) – 1 Post

Walk-in-Selection Date & Time: 13/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

1. Full-time B.Sc./ B.S. (Physics, Electronics, Astronomy/ Astrophysics, or other equivalent subjects) from a recognized University/Institute with an aggregate of at least 60% marks or equivalent CGPA.
2. Knowledge of use of personal computers and its applications.
3. 0-2 years' experience as per the requirement

Desirable Qualification & Experience:

1. M.Sc. (Physics/ Electronics/ Astronomy/ Astrophysics or other equivalent subjects) with an aggregate of 60% marks or equivalent CGPA in Graduation Or Integrated M.Sc. (in any of above subjects) with an aggregate of 60% marks or equivalent CGPA at the end of 6th semester.
2. Post-qualification work experience in teaching or research or science communication.
3. Familiarity with Linux operating system and programming languages (python / FORTRAN / C++).
4. Interest in scientific research and education, especially in Astronomy and willingness to help in designing and monitoring student projects.

Job Description:

1. To help in designing Olympiad questions and solutions, conducting teacher training programmes, training programmes for telescope handling and skygazing and designing materials for school level astronomy.
2. Other academic and organisational support for the NIUS Astronomy / Olympiad programme.
3. To help in conducting astronomy outreach programmes including skygazing through telescopes.
4. Any other work assigned by the supervisor.

III. DESIGN AND TECHNOLOGY (D&T) EDUCATION GROUP

Project Scientific Assistant- B, Other Backward Class (OBC) – 1 Post
Walk-in-Selection Date & Time: 22/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification:

1. Full-time B.Sc./ B.Sc. (Honors)/ B.S. (in any stream of Science/ Home Science) from a recognized University/Institute with an aggregate of 60% marks or equivalent CGPA.
2. Knowledge of use of personal computers and its applications.
3. (0-2) years' experience in the relevant filed.

Desirable Qualification & Experience:

1. Reading, writing and typing skills in Marathi/ Hindi.
2. B.Des/ M.Des degree.
3. B.Ed degree.
4. Post graduate degree like M.Sc./ Integrated M.Sc./ M.S. (in any field of Science/ Home Science), M.Ed, M.A. (any field), M.S.W from a recognised University/ Institute with an aggregate of 60% marks or equivalent CGPA in Graduation
5. Basic computer skills and graphic design skills, use of softwares like Photoshop, Adobe illustrator, Indesign, etc.
6. Post qualification work experience in education/ teaching or related fields.

Job Description:

1. To provide organisational and administrative help to the activities of the D&T Lab.
2. Development and testing activities on D&T, science and environment education modules.
3. To develop instructional materials like posters, brochures, lesson plans for print and web media.
4. To assist in literature review, translation of works from English to Hindi/Marathi and vice versa, data collection, data entry, analysis and report writing.
5. Conducting workshops (offline and online, in English, Marathi and/or Hindi) for students and teachers in Mumbai and other places in India, with occasional travel.
6. To assist in outreach programmes of the D&T (which may happen periodically on some weekends)
7. Any other work assigned by the supervisor.

Special Instructions to the Candidates

1. We are looking for candidates for the Design and Technology (D&T) Education Group who have a strong interest in the field of education as well as science, environment and design. The candidate will be stationed at Mumbai, but may be required to travel occasionally.
2. **Candidates are expected to visit our website <http://dnte.hbcse.tifr.res.in> to familiarise themselves with our work.**
3. Candidates are **encouraged to bring their writing samples/ past work/ creative portfolio** which is relevant to this post. (if any)
4. You may be asked to do a **teaching demo** in English/Marathi/ Hindi during the interview. So kindly prepare for it by choosing any science topic of your choice from Class 5 to 10.
5. A **written test** will be administered on the day of the interview. The written test will include questions pertaining to quantitative and logical reasoning, scientific literacy and technical comprehension, creative thinking, general knowledge, basic proficiency in science and mathematics content knowledge upto grade 12, etc.

The OBC candidates are required to produce the certificate in the prescribed format only. The prescribed format for the OBC certificate: <https://www.hbcse.tifr.res.in/get-involved/work-at-hbcse/obc-certificate-format.pdf/>

The above post is temporary for one year and can be extended up to one or two more years based on the requirement and performance of the candidate.

IV. ADMINISTRATION

Project Assistant, Unreserved (UR) – 1 Post

Walk-in-Selection Date & Time: 17/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

1. Full time **Graduate** with aggregate of 50% marks or equivalent CGPA of any recognized University/ Institute.
2. Minimum 1- year experience in clerical duties and correspondence in large and reputed organization.
3. Knowledge of typing.
4. Knowledge of use of personal computers and applications- supported by certificates from the government recognized institutions.

Desirable Qualification & Experience:

1. Good written & oral communication skills.
2. The candidate with experience in purchase & stores will be given preference.

Job Description:

1. To co-ordinate delivery and storage operations and stores.
2. Documentation of records.
3. To maintain the record of the inventory and take a stock of items as when required.
4. Any other work assigned by the supervisor.

V. PHYSICS OLYMPIAD LABORATORY

Project Tradesman- B, Unreserved (UR) – 1 Post

Walk-in-Selection Date & Time: 16/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

1. National Trade Certificate (NTC) in Fitter/Electrician/Electronics with minimum 60% marks awarded by National Council of Vocational Training (NCVT).
2. Two (2) years' experience in relevant field.

OR

1. National Apprenticeship Certificate (NAC) in Fitter/Electrician/Electronics with minimum 60% marks awarded by National Council of Vocational Training (NCVT).
2. One (1) year experience in relevant field.

Desirable Qualification & Experience:

1. Knowledge of 3D printing. This implies the familiarity with preparing designs/drawings (e.g., CAD or similar), converting them into printable files, slicing, and operating a 3D printer for prototyping and fabrication.
2. Hands-on proficiency in workshop practices, including safe and skilled handling of common workshop tools, machines, and measuring instruments (e.g., handling bench lathe, drilling, cutting, grinding, fitting/finishing, basic fabrication, and routine maintenance).

Job Description:

1. To take up and support fabrication of experimental apparatus and maintenance related work in the workshop/laboratories.
2. Any other work assigned by the supervisor.

VI. ADMINISTRATION**Project Work Assistant, Unreserved (UR) – 1 Post**

Walk-in-Selection Date & Time: 20/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification & Experience:

1. Passed S.S.C. OR Equivalent from a recognized Board.
2. Minimum one year experience.

Desirable Qualification & Experience:

1. 10 + 2 qualification.
2. Basic knowledge of the computer.
3. Ability to read, write and understand English language.
4. Experience as attendant in a reputed organization.

Job Description:

1. Regular duties of Peon/Attendant, attending calls, keeping records, filing papers, movement of files from one section to another etc.
2. General cleanliness and upkeep of the section/ unit.
3. Other non-clerical work in the section. i.e. arrangement of refreshment.
4. Assisting during official functions, seminars, and special events.
5. Maintaining the confidentiality of office.
6. Any other work assigned by the superior(s).

VII. ADMINISTRATION**Clerk Trainee, Unreserved (UR) – 1 Post**

Walk-in-Selection Date & Time: 21/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification:

1. Graduate from recognised University/Institute.
2. Knowledge of typing and use of personal computers and applications.

Job Description:

1. To prepare and maintain the data of number of trainings conducted or attended in a year by ATI.
2. To download the data from the attendance software and make it available in an accessible format.
3. To record and maintain the leave data of project staff.
4. To prepare and send the various certificates requested by the staff.
5. To scan and maintain the old files of the Establishment.
6. To maintain the telephone/mobile data of the employees.
7. Any other work assigned by supervisor.

VIII. TECHNICAL SERVICES SECTION**Technical Trainee- Civil, Unreserved (UR) – 2 Posts****Walk-in-Selection Date & Time: 23/04/2026, 09.00 a.m. to 10.30 a.m.****Essential Qualification:**

Full time Diploma in Civil Engineering from a Government recognized University/ Institute.

Desirable Qualification:

Knowledge of use of personal computer and software like AutoCAD, MS- Office etc.

Job Description:

1. To assist in site supervision of Civil and Public Health Engineering (PHE) works.
2. To supervise Civil and Public Health Engineering (PHE) maintenance jobs in buildings and roads done by the department staff.
3. To assist in preparation of Bills of Quantities (BOQ) and Estimates for the project work.
4. To record site measurement as per the instruction of the supervisor for the work done on site.
5. Preparation of drawings required for project work.
6. Any other work assigned by the department Engineers.

Selected candidates will have to work in the round-the-clock shift duties if required.

IX. TECHNICAL SERVICES SECTION**Tradesman Trainee- Carpenter, Unreserved (UR) – 1 Post****Walk-in-Selection Date & Time: 24/04/2026, 09.00 a.m. to 10.30 a.m.****Essential Qualification:**

ITI i.e. National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in 'Carpenter' trade/discipline.

Desirable Qualification:

Basic knowledge of carpentry and furnishing materials & tools.

Job Description:

1. To prepare carpentry related jobs and other related maintenance works.
2. To assist the departmental Tradesman/ Engineers in their respective site work/ maintenance works/ project works.
3. Any other work assigned by the department Engineers.

Selected candidates will have to work in the round-the-clock shift duties if requires.

X. TECHNICAL SERVICES SECTION

Tradesman Trainee- Plumber, Unreserved (UR) – 1 Post

Walk-in-Selection Date & Time: 24/04/2026, 09.00 a.m. to 10.30 a.m.

Essential Qualification:

ITI i.e. National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in 'Plumber' trade/discipline.

Desirable Qualification:

Basic knowledge of plumbing and fitting materials & tools.

Job Description:

1. To assist the departmental Tradesman/ Engineers in their respective site work/ maintenance works/ project works.
2. Any other work assigned by the department Engineers.

Selected candidates will have to work in the round-the-clock shift duties if requires.

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 the 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. Sr. No. (I) to (VI) are temporary posts for one year and can be extended up to one or two more years based on the requirement and performance of the candidate.

3. Sr. No. (VII) & (VIII) are temporary post for one year and can be extended for another year based on the requirement and performance of the candidate.

4. Sr. No. (IX) & (X) are temporary posts for one year.

5. In terms of experience, post-qualification experience is essential.

6. Posts for General Category (Unreserved) – candidates from SC/ST/OBC/EWS categories can also apply.

7. SC, ST and OBC candidates applying for unreserved posts are not eligible for age relaxation.

8. Project/Trainee staff will not be entitled for Institute provided accommodation.

9. Please download 'Application Form' here:

<https://www.hbcse.tifr.res.in/get-involved/work-at-hbcse/application-form.pdf/>

Bring the **dully filled 'Application Form'** in all respects with enclosures at the time of interview.

10. All documents/ enclosures should be self-attested. Soft copies in any form will not be accepted.

11. Corrigendum/Addendum if any, will be published on HBCSE's website only.

HBCSE reserves the right to conduct written tests, skill tests 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.

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.

Sd/-
(Pragati Dandekar)
Head Administrative Operations

NOTICE BOARDS

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