

**HOMI BHABHA CENTRE FOR SCIENCE EDUCATION**  
**ESTABLISHMENT**

Ref: HBC/EST/

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**Advertisement No. 06/2022**

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

**Abbreviation: UR – Unreserved; OBC – Other Backward Class**

Sr. No.	Name of the Post	Reservations		Age Below years	Consolidated Pay
		UR	OBC		
1	Project Scientific Assistant- B	1	1	28 (UR) 31 (OBC)	<b>Rs. 55,600/- p.m.</b> (Incl. of HRA Rs. 8,602/-).
2	Project Lab Assistant- B	1	-	28 (UR)	<b>Rs. 35,900/- p.m.</b> (Incl. of HRA Rs. 5,400/-).
3	Engineer Trainee (IT)	2	-	28 (UR)	<b>Rs. 25,000/- p.m.</b>
4	Technical Trainee (Civil)	2	-	28 (UR)	<b>Rs. 16,000/- p.m.</b>
5	Clerk Trainee	1	-	28 (UR)	<b>Rs. 15,000/- p.m.</b>

**About Vigyan Pratibha Project**

Vigyan Pratibha (<https://vigyanpratibha.in/>) is an extended project targeted towards school students of class 8-10 to nurture their aptitude in science and mathematics. The project involves extensive working with and bridging the world of school teachers on one hand and scientists on the other. A core part of project is the development and standardization of educational material through literature study, school visits and laboratory experimentation.

**(1) VIGYAN PRATIBHA PROJECT**

**Project Scientific Assistant- B**

**(a) Unreserved (UR) – 1 Post (b) Other Backward Class (OBC) – 1 Post**

**Walk-in-Selection Date & Time: 16/11/2022, 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. 0 - 1 year post qualification experience in the field of educational material development, teaching, education research and social or developmental projects.

**Desirable qualification & experience:**

1. M.Sc. (in any stream of Science or Mathematics) with an aggregate of 60% marks or equivalent CGPA as well as in Graduation.

2. The candidate should have an experience in teaching/ scientific writing/ development of educational activities; basic knowledge of common word processing and data analysis software such as MS-Office, Libre-office, etc.
3. Good proficiency in the English language and writing skills in English and/or any other Indian language.
4. Ability to engage with the learning needs of Indian students.
5. Ability to work with rigorous scientific and mathematical content.

**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.
2. The work requires strong academic competence, the ability to interact with teachers and students in different schools (urban, rural, and tribal), and sensitivity toward the learning needs of students from diverse backgrounds in the country.
3. To work with teachers in schools in online mode + through school visits across the Maharashtra state (and nearby states) for implementation of project activities in the school.
4. To contribute to the writing of project reports.
5. Any other work assigned by the supervisor.

**The OBC candidates are required to produce the certificate in the prescribed format only. The prescribed format for the OBC certificate: <http://www.hbcse.tifr.res.in/adv/obc-caste-certificate/>**

**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.**

**(2) INTEGRATED LABORATORY**

**Project Laboratory Assistant- B**

**Unreserved (UR) – 1 Post**

**Walk-in-Selection Date & Time: 15/11/2022, 09.00 a.m. to 10.30 a.m.**

**Essential Qualification & Experience:**

1. H.S.C. with aggregate of 60% marks or equivalent CGPA.
2. Two year experience in Laboratory.

**OR**

1. National Trade Certificate (NTC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in Electrical or Electronics trade.
2. Two years' experience in the field of Electrical or Electronics.

**OR**

1. National Apprenticeship Certificate (NAC) (aggregate of 60% marks) awarded by National Council of Vocational Training (NCVT) in Electrical or Electronics trade.
2. One year experience in the field of Electrical or Electronics.

**Only given Trades of ITI will be considered: Electrical or Electronics.**

**Desirable:**

Qualification with Science background will be preferred.

**Job Description:**

1. To design and develop the experimental setups to help in Laboratory work, to prepare drafts, to handle and repair- maintenance of Laboratory equipment.
2. Any other work assigned by the supervisor.

**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.**

**(3) COMPUTER FACILITY****Engineer Trainee (IT)**

**Unreserved (UR) – 2 Posts**

**Walk-in-Selection Date & Time: 11/11/2022, 09.00 a.m. to 10.30 a.m.**

**Essential Qualification:**

Full-time degree in B.E/ B.Tech in Computer Science/ Electronics and Communications/ Information Technology from a recognized University/Institute.

**Essential Experience:**

Nil. Freshers can apply.

**Desirable Experience:**

1. Knowledge of basic computer hardware and networking.
2. Basic knowledge of web development and database management.
3. Knowledge of Windows, Linux, and Mac operating systems (installation, configuration & troubleshooting)
4. Basic knowledge of C, shell scripting, and Linux commands.
5. Strong interpersonal skills and the ability to function in a team environment.
6. Good problem-solving and communication skills.

**Candidate with prior experience in the above mentioned areas are encouraged to apply by providing relevant experience certificates.**

**Job Description:**

1. To assist in basic computer system administration with general computer hardware and software management, OS troubleshooting, printers/copiers management.
2. To understand and maintain IT inventory, user tutorial & documentations at HBCSE.
3. To assist the senior in basic web development/management which involves developing and testing web modules, and websites using HTML, CSS, CMS, LMS, MySQL, PHP or python, and other databases, etc.

4. Basic online meeting management, LAN and WiFi network administration and management, VoIP, and AV management for in-house and external events/seminars/conferences.
5. Any other work assigned by the supervisor.

**The post is temporary for one year and can be extended for another year depending upon the review of the performance of the candidate.**

#### **(4) TECHNICAL SERVICES**

**Technical Trainee- Civil**

**Unreserved (UR) – 2 Posts**

**Walk-in-Selection Date & Time: 17/11/2022, 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 supervision of Civil and Public health activities during construction/repair works, supervision of maintenance jobs of all civil works in buildings and roads by the department staff. To assist in preparation of bills of quantities and estimates. To record the site measurement as per the instruction of the supervisor recording measurements of work done on site.
2. Any other work assigned by the department Engineers.

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

**The said post is temporary for one year.**

#### **(5) ADMINISTRATION**

**Clerk Trainee**

**Unreserved (UR) – 1 Post**

**Walk-in-Selection Date & Time: 18/11/2022, 09.00 a.m. to 10.30 a.m.**

##### **Essential Qualification:**

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

##### **Job Description:**

1. All administrative type of work viz. To maintain & file documents, assist in dispatch work, track file movements, to maintain various registers etc.
2. Any work assigned by the superior(s).

**The post is temporary for six months and can be extended for another six months depending upon the review of the performance of the candidate.**

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. Post/s for General Category (Unreserved) – SC/ST/OBC/EWS candidates can also apply.
3. Candidates applying for the above posts and who are eligible for further age relaxation as per extant GOI rules are required to produce the relevant certificates in support of age relaxation (for example ex-servicemen, persons with benchmark disabilities etc.) at the time of verification of original documents/Interview.
4. OBC candidates applying for unreserved posts are not eligible for age relaxation.
5. OBC certificate (wherever applicable) in the Government of India format.
6. OBC Candidates should produce a valid copy of the Non-Creamy Layer Certificate issued by the competent authority in the Govt. of India format. The OBC Non-Creamy Layer certificate in GOI format should be preferably for the current financial year on the date of the closing date of recruitment process or utmost not earlier than one year from the date of the closing date of recruitment process.
7. **Project/ Trainee staff will not be entitled for Institute provided accommodation.**
8. **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