

बसु बिज्ञान मन्दिर  
**BOSE INSTITUTE**  
(भारत सरकार के विज्ञान और प्रौद्योगिकी  
मंत्रालय द्वारा वित्तपोषित सोसाइटी)  
(A Society for Scientific Research financed by  
the Ministry of Science & Technology, Govt. of India)

**ADVT. No. S/FAIR/03/2023-24 Dated 20/04/2023**

Bose Institute, Kolkata, invites application from Indian Citizens for the following temporary positions to work in FAIR Project at **Bose Institute**. This project has been formed to implement the project entitled “**India’s participation in the construction of Facility for Antiproton and Ion Research (FAIR) at Darmstadt, Germany**”.

India is a founder-member country to participate in the construction of the Facility for Antiproton and Ion Research(FAIR) at Darmstadt, Germany. The FAIR project is being managed by the FAIR Company(FAIR GmbH). Bose Institute, Kolkata, an autonomous R&D institute under the Department of Science and Technology, Govt. of India, has been designated as the Indian shareholder in the FAIR Company and the nodal Indian Institution for the management of FAIR programme from India.

The positions are purely temporary on contractual basis. Initially the appointment will be given for one year, which is extendable based on review of performance every year and availability of funding in the project. **The project is tenable upto 31.03.2026 and all the positions, if renewed, are co-terminus with the project.**

**1. Research Associate-I, Two (02) posts:**

**Essential Qualification** : Ph.D. degree in Experimental Nuclear/ High-Energy Physics from a recognized University.

**Desirable Qualification** : Candidates should have experience in any one or more of the following areas:-

- Detector development for High Energy Physics or Nuclear Physics Experiments.
- Simulation (GEANT, Garfield etc.) on detectors for High Energy Physics or Nuclear Physics Experiments.
- Theoretical understanding of Physics of Quark-Gluon plasma.
- Data analysis for High Energy Physics or Nuclear Physics Experiments.

**Associateship** : Rs. 47,000/- p.m., plus admissible HRA.

**Age Limit** : Below 35 Years (relaxable in case of SC/ST/OBC/Physically Challenged candidates only as per rule).

**Tenure** : Initially for one year, extendable based on performance.

**Note:** Candidates who have submitted their Ph.D. thesis may also apply; they may be considered as **Extended SRF** in case no suitable candidate with Ph.D. degree is found. **Fellowship** : Rs. 35,000/- p.m., plus admissible HRA and **Age Limit** : **Below 33 Years (relaxable in case of SC/ST/OBC/Physically Challenged candidates only as per rule).**

**Job Profile** : Successful candidate will be required to participate in detector development, simulation, phenomenological work and/or data analysis for the FAIR experiments along with other members of the group.

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**2. Project Scientist-I, Two (02) posts:**

**Essential Qualification** : Ph.D. degree in Experimental Nuclear/ High-Energy Physics or Masters degree in Engineering or Technology from a recognized University or equivalent.

**Desirable Qualification** : Candidates should have **two** years experience in any one or more of the following areas:-

- (a) Instrumentation (both mechanical and electronics) for high energy physics / nuclear physics detectors
- (b) Development of automated data acquisition hardware and software for high energy physics / nuclear physics detectors
- (c) Procurement of high-end instruments in the area of high energy physics / nuclear physics
- (d) Outreach programs related to mega science facilities in the area of high energy physics / nuclear physics

**Remuneration** : Rs. 56,000/- p.m., plus admissible HRA. **Increment of 5% for every two years of experience subject to performance review.**

**Age Limit** : Below 35 Years (relaxable in case of SC/ST/OBC/Physically Challenged candidates only as per rule).

**Tenure** : Initially for one year, extendable based on performance.

**Job Profile** : Successful candidate will be required to participate **in one or more areas listed above under 'Desirable Qualification'** along with other members of the group.

Interested and eligible candidates may apply on plain paper quoting Advertisement No. and position on the sealed envelop as well as on application with complete Bio-data giving e-mail ID/Phone No. and details of qualification i.e. examination passed, year, division, percentage of marks from Secondary onwards with self attested copies of Certificates, Mark-sheets etc. to the "**Registrar(Officiating), Bose Institute, Block-EN, Plot No.-80, Sector-V, Salt Lake City, Kolkata-700091**" **on or before May 08, 2023**. Candidates should also bring original mark-sheets, certificates etc. at the time of Interview. No TA/DA is admissible for appearing at the interview.

**Instruction to Candidates**

1. The applications will be screened and a list of shortlisted candidates called for interview will be put up on the Institute Website.
2. If a candidate is not found eligible, his/her candidature will be cancelled at any stage. It may also be noted that even if a candidate qualifies and subsequently it is found that he/she does not fulfil the eligibility criteria, his/her candidature will be cancelled.
3. The prescribed essential qualifications are the minimum and mere possession of the same does not entitle a candidate to be called for interview. In the event of number of applications being large the Institute will resort to short listing criteria to restrict the number of candidates to be called for interview.
4. The interested and eligible candidates may keep watch at this site for any amendment / information
5. All short-listed candidates will be intimated the date of written test / interview in the website of the Institute and they are advised to follow the website regularly. No individual letter to the candidates will be sent.
6. Canvassing or bringing influence in any form will disqualify the candidature.
7. The Institute Authority reserves the rights to reject any or all applications without assigning any reason whatsoever.

**REGISTRAR(OFFICIATING)**