



Government of India
Department of Atomic Energy
Variable Energy Cyclotron Centre



Sector-I, Block-AF,
Bidhan Nagar, Kolkata – 700 064

Advt. No.VECC-2/2026

NO. OF FELLOWSHIPS: 9

LAST DATE FOR RECEIPT OF APPLICATION: 31st May 2026

Applications are invited from interested students for the award of Junior Research Fellowship (JRF) at this Centre.

The Variable Energy Cyclotron Centre (VECC), Kolkata, a premier research institute dedicated to advanced studies in various **frontier areas of Physical Sciences**, invites applications from talented and motivated Indian nationals for engagement as **Junior Research Fellows (JRFs)**. VECC provides an excellent research environment that enables scholars to contribute to pathbreaking discoveries in frontier areas of scientific research and cutting-edge technologies.

All the selected candidates will be eligible for registration in the Ph.D. program of **Homi Bhabha National Institute (HBNI)** (a deemed to be University of the Department of Atomic Energy), subject to the fulfillment of HBNI/UGC norms.

1. RESEARCH AREAS:

Experimental & Theoretical Nuclear Physics, Astrophysics & Nuclear Astrophysics, Accelerator Physics, Material Science, Experimental & Theoretical High Energy Nuclear Physics, Many-body & Condensed Matter Theory, and Applied Physics.

2. AGE LIMIT:

The candidate should be **less than 28 years** of age as on **31-05-2026**. Age relaxation is applicable up to **3 years** in case of “Other Backward Class Non-Creamy Layer” (**OBC-NCL**) applicants, **5 years** in case of “Scheduled Caste” (**SC**) and “Scheduled Tribe” (**ST**) applicants, and an **additional 10 years** in case of “Persons with Benchmark Disabilities” (**PwBD**) applicants.

Note: ONLY SSC/MATRICULATION CERTIFICATE OR BIRTH CERTIFICATE WILL BE ACCEPTED AS PROOF OF DATE OF BIRTH, AND NO SUBSEQUENT REQUEST FOR CHANGE SHALL BE ENTERTAINED. IN CASE OF DISCREPANCY, SSC/MATRICULATION CERTIFICATE WILL BE CONSIDERED AS PROOF OF DATE OF BIRTH.

3. ELIGIBILITY CRITERIA:

Candidates must be **Indian nationals** with a consistently good academic record and

A. ONLY those candidates who have successfully cleared and have a valid certificate (issued on or before the last date of application) of at least one of the following national-level examinations will be considered to be shortlisted for interview at the Bidhan Nagar campus of VECC, Kolkata. Applications will be scrutinized, and the suitability of the candidates for interview will be decided on the basis of their performance in the national-level examination. The recommendation/decision of the Selection Committee will be the final and binding.

- a. **UGC-CSIR-NET Fellowship** (SLET/ Lectureship not eligible)
- b. **JEST Score**
- c. **GATE Score in Physics**

Candidates should clearly indicate the details of the above national-level examinations, and they should be **valid as of 31-05-2026**. The candidate should submit the proof at the time of the interview.

B.

(i) Option 1: Candidates should have secured a **minimum of 55% aggregate in M.Sc. (Physics)** from a recognized University.

Option 2: Candidates who have completed the M.Sc. (Physics) degree but are awaiting the final results may also apply. However, such candidates should have achieved at least 55% aggregate through the previous semester/year in the M.Sc. Such candidates who eventually join the Fellowship should achieve an aggregate of 55% in the M.Sc. degree; failing which, the candidate will not be allowed to continue in the programme.

(ii) Option 1: Candidates with **five years integrated M.Sc. / B.S.-M.S. (Physics)** (Dual degree) should have secured an **aggregate of minimum 55%**.

Option 2: Candidates who have completed but are awaiting the final results of the five-year integrated M.Sc./B.S.-M.S. (Physics) (Dual degree) may also apply. Candidates should have secured a minimum of 55% aggregate up to the 8th semester/4th year. Such candidates who eventually join the Fellowship should achieve an aggregate of 55% in the five-year integrated M.Sc./B.S.-M.S. (Physics) (Dual degree) qualifying degree; failing which, the candidate will not be allowed to continue in the programme.

(iii) Option 1: Candidates having a **4-year / 8-semester bachelor's degree (Physics)** (B.S. with fourth year Research) with a **minimum of 75% marks in aggregate** are also eligible to apply.

Option 2: Candidates who have completed but are awaiting the final results of a 4-year/8-semester bachelor's degree (Physics) (B.S. with fourth-year research) may also apply. Candidates should have secured a minimum of 75% aggregate up to the 6th semester/3rd year. Such candidates who eventually join the Fellowship should achieve an aggregate of 75% in the 4-year/8-semester bachelor's degree (Physics) (B.S. with fourth-year research) qualifying degree; failing which, the candidate will not be allowed to continue in the program.

- All the relevant certificates should be submitted at the time of joining the Centre. Wherever the results are declared as CGPA/GPA, **they must be converted to percentage and entered in the application.** The formula prescribed by the institute for conversion is to be indicated at the time of verification.
- All the academic requirements for the award of a qualifying degree must be completed before joining VECC, and the candidates are required to **submit final marks sheets AND/OR certificates in original at the time of document verification (after selection as JRF)/joining this Centre as JRF.**
- UGC/AICTE-approved degrees from UGC/AICTE-recognized universities will only be accepted.

4. SELECTION PROCEDURE:

- A.** The candidates qualifying the **ELIGIBILITY CRITERIA** (in **3.**) shall submit a duly filled up application form in the prescribed format (attached) to VECC through email (jrf@vecc.gov.in) along with copies of age proof, score cards & educational qualifications, and caste certificate (if any).
- B.** Applications will be scrutinized, and candidates will be screened in for interview based on their eligibility as per the national level exam and their score in the qualifying exam. In the event of number of applications being large, VECC will adopt short listing criteria to restrict the number of candidates to be called for interview to a reasonable number by one or more of the following methods:
 - i. Percentage of marks obtained in the qualifying examination (in **3.B.**).
 - ii. Score in the national-level examination (in **3.A.**).
- C.** Following this process, the number of candidates to be called for interview will be decided by the Selection Committee. Final selection will be based on the performance of the candidate in the selection interview only. The recommendation/decision of the Selection Committee will be final and binding. Allotment of research topic will be decided later on the basis of the performance in the pre-PhD course work.

5. IMPORTANT DATES:

- A.** Starting date for email (jrf@vecc.gov.in) applications : **May 06th 2026**
B. Last date for receipt of applications : **May 31st 2026**
C. Tentative dates of interview (**ONLY OFFLINE**) : **June 19th – 24th 2026**
D. Declaration (online) of the list of selected candidates : **June 30th 2026**
E. Date of joining at VECC as JRF : **August 3rd 2026**

5. FELLOWSHIP:

In the event of selection as JRF, the candidates will be entitled for the following:

A. GATE/JEST qualified candidates:

- i. Fellowships as per DAE guidelines, i.e., @ Rs.37,000/- per month for the first two years and @ Rs.42,000/- per month for the remaining three years are subject to fulfilling the requirements stipulated by this Centre from time to time.
- ii. Annual contingency including book allowance of Rs.60,000/- per year subject to compliance of guidelines issued by DAE for utilization of grant.
- iii. Reasonable single room accommodation will be provided in the hostel, which is safe and secure in all respects. In the event of any difficulty on the part of this Centre in providing hostel accommodation, HRA at the rate admissible will be paid.

B. CSIR-UGC-NET qualified candidates:

- i. In respect of CSIR-UGC-NET qualified JRFs, the fellowship is directly payable to them by the UGC and no financial support is extended by VECC.
- ii. Reasonable single room accommodation will be provided in the hostel, which is safe and secure in all respects. In the event of any difficulty on the part of this Centre in providing hostel accommodation, HRA at the rate admissible will be paid by CSIR/UGC.

6. MEDICAL:

The selected candidates are eligible to join the Contributory Health Services Scheme of this Centre for self only, on payment of prescribed contribution during the tenure of fellowship.

7. TRAVELLING ALLOWANCE:

Outstation Candidates called for the interview will be reimbursed to and fro Third AC railway fare by the shortest route from the registered address (city) mentioned in their application to Kolkata, (subject to production of original tickets) as per rules. In case of candidates who travel by air, only the AC-III tier normal fare or actual fare, whichever is less, from the registered address (city) mentioned in their application to Kolkata, will be reimbursed on production of Air Ticket and Boarding pass. Air ticket

must be purchased from the agencies (Balmer & Lawrie, IRCTC and Ashoka Travels) authorized by the Govt. of India

8. GENERAL INSTRUCTIONS:

i. Before applying, the candidate should ensure that he/ she fulfils all the eligibility criteria mentioned in the advertisement. Candidates should ensure that they fill in the correct information. Furnishing of incomplete, false or misleading information shall render the application liable to be rejected. The candidate would be admitted to various stages of the recruitment process based on the information furnished by the candidate in his/ her application. Only a summary scrutiny of the application would be made before the final stage of the recruitment process and detailed scrutiny of the eligibility of the candidate would be done only at the final stage of the recruitment process. As such, the candidature of the applicant shall remain provisional till detailed scrutiny is undertaken and the candidate is found eligible in all respects. VECC would be at liberty to reject any application at any stage of the recruitment process if the candidate is found ineligible for the post or if it comes to notice that the candidate has furnished false information. The decision of VECC shall be final in deciding the eligibility of the candidate. The mere fact that a call letter has been issued to the candidate and allowed to appear in the interview will not imply that his/ her candidature has been finally cleared or that entries made by the candidate in his/ her application have been accepted as true and correct.

ii. Age, qualification, community status, creamy layer status will be reckoned as on 31-05-2026 for submission of application online.

iii. At the time of interview, candidates will be required to bring the printouts of their online applications, original marksheets/ certificates, etc. and a copy of their marksheets/certificates.

iv. SC/ST/OBC (clearly indicating Creamy Layer status) certificate should be as per the format prescribed for employment in Government of India.

v. Those who are in employment under any Central/ State Govt./Public Sector Undertakings/ Corporations/ Local Govt.etc. should submit a **No Objection Certificate from the employer at the time of interview.**

vi. The list of candidates selected for the award of Junior Research Fellowship will be displayed on the VECC website. The selected candidates will also be informed by email.

vii. The Centre reserves the right not to fill up the fellowships if it so desires. VECC reserves the right to screen and call only such candidate as are found prima-facie suitable for being considered by the Selection Committee.

viii. The period of service rendered as research fellow will not be counted in any post of DAE/Other Government Department. The advertisement is for fellowship for pursuing a Ph.D. programme only. This shall not be considered/taken as appointment to any position in any organization. This fellowship will terminate automatically without any notice or compensation as laid in the regulations. The selected person shall have no claim of appointment/absorption in VECC.

ix. Admission shall not be claimed by any candidate as a matter of right. The admission shall be entirely at the discretion of the Selection Committee, which may refuse to admit any candidate without assigning any reason thereof.

x. No interim enquiries/correspondence/communication of any sort will be entertained on the matter. However, any request for change of interview date will be considered subject to feasibility.

xi. Canvassing in any form and/or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.

xii. Interviews will be held in physical mode only.

8. ADDRESS FOR ALL COMMUNICATIONS:

The Assistant Personnel Officer (GA)
Variable Energy Cyclotron Centre (VECC),
Sector-I, Block-AF,
Bidhan Nagar, Kolkata – 700 064

9. CHECKLIST OF DOCUMENTS TO BE SUBMITTED ALONG WITH FILLED APPLICATION FORM (FORMAT ATTACHED):

- (a) A passport size photo (In JPEG format, less than 1 MB size).
- (b) Supporting document for date of birth proof as in **2**.
- (c) Caste Certificate(s) (if applicable).
- (d) Marks Sheets in support of qualifying examination as in **3.B**.
- (e) Certificate of the national-level examination(s) qualified as in **3.A**.

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