



# COTTON UNIVERSITY

Panbazar, Guwahati, Assam-781001  
www.cottonuniversity.ac.in :: 0361-2733530 :: registrar@ccsu.ac.in

No.: CU/R&D/IUAC Project/Dr. J J DAS/2022/17/ 4046

Dated: 13/05/26

## WALK-IN INTERVIEW

**Advertisement for the Post of 1 JRF/SRF in the IUAC project**

Department of Physics Cotton University, Guwahati, Assam

Advt. No. Recruitment/CU/2026/06

Dated 13-5-26

**Position: One position of a JRF/SRF in the IUAC project AUC-71368**

**Title: "Production and slowing down of fast neutron beam produced using 15-UD Pelletron accelerator and HIRA facility for AD-BNCT investigations at IUAC, Delhi"**

Applications are invited from exceptionally bright and eligible candidates for the position of a Junior/Senior Research Fellow position in the IUAC funded research project titled above.

**Objectives of the Project:** The project aims at Physics design of constructing a fast neutron beam production facility using IUAC accelerators and experimental facilities. The successful candidate is expected to perform design, supporting simulations and fabrication of the hardware. Perform commissioning experiments using IUAC sanctioned beam time, analyze the data and optimize its performance.

**Essential Qualification:** Master's degree in Physics with specialization in Nuclear or Radiation Physics. First class is required throughout the academic career starting from HSLC.

At least 2 years research experience in nuclear and/or accelerator Physics is essential. Competencies are required in (i) advanced ion optical simulations, (ii) 3D auto CAD design and (iii) data analysis using Roots or similar software.

**Desired qualification:**

Hands on experience in accelerator based experiments and data analysis.

**Monthly Fellowship:** JRF Rs.25000/ per month or SRF Rs.28000/- per month. No other allowances like HRA, Medical, etc. will be paid.



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**Duration:** Appointment will be made for one year or till the date funding is available in the project fund.

**Age limit:** 30 Years, with relaxation to SC/ST/OBC/Women Candidates as per Government of India norms.

**Last date of submission of the forms:** 10 days from the date of publication of the advertisement in the University website.

## How to Apply:

1. Interested candidates are requested to submit one page write-up and a detailed CV to Prof. J.J.Das through email to [jibanidas@cottonuniversity.ac.in](mailto:jibanidas@cottonuniversity.ac.in) only with the subject line as **'Application for JRF Position in IUAC Project'**.
2. In one page write-up, the candidate may write about his/her past research work, any relevant research project done by the candidate, his/her idea for future research or views on the above project based on the literature search etc.
3. In case of any query related to above project, kindly email to Prof. J J Das, Department of Physics, Cotton University, Guwahati-781001, Assam.
4. The shortlisted candidates will be informed by email.

**Contract:** The approved candidate shall be offered the Fellowship and then s/he shall sign an Undertaking for terms and conditions of the Fellowship. The recipient may be required to work for long duration at National Laboratories: IUAC-Delhi, BARC, Mumbai or some other National Labs as per requirements. The recipient will share the progress of her/his thesis work on a periodic basis to CUPAC-NE Collaboration.

**DDO of the Fellowship:** Registrar, Cotton University, Guwahati

*Hire Sena*  
Registrar  
Cotton University  
Panbazar, Guwahati-781001 Assam

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Copy for information and necessary action to:

1. PS to Vice Chancellor, CU
2. Academic Registrar, CU



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3. Dean, R&D, CU
4. Head, Department of Physics, CU
5. Prof. J.J.Das, PI
6. Finance Officer, CU,
7. System Manager, CU to upload this notice in the University website.
8. Office File