



COTTON UNIVERSITY

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

No.: CU/R&D/IUAC project(75328) / Prof. J.J.Das/2024/93/ 5147

Dated: 12/08.2024

Advertisement for the JRF position in IUAC project AUC 75328 dated 1st Aug 2024

Advt. No. Recruitment/CU/2024/12

Dated:

Applications are invited from eligible and motivated candidates for one (1) JRF position in the IUAC project titled “**Measurement of S Process Neutron source strength in AGB Stars by Time Reversal Method**”.

Major objectives: Cotton University is pioneering research in frontiers of nuclear astrophysics. The experimental investigation of neutron source strength in AGB (Asymptotic Giant Branch) Stars is of considerable current interest in understanding nucleosynthesis process. Specifically under this project, the JRF will work on design, development of detector, target for the experiment and perform the experiment using IUAC accelerator facility, analyze the data and publish the result in referred journals. The JRF is also expected to submit his PhD thesis in Cotton University.

Essential qualification: MSc in Physics with nuclear physics special or in a closely related discipline. The candidate must have outstanding academic career with minimum CGPA 7.5 starting with HSLC till MSc. Reserved category candidates will be given relaxation as per Cotton University rules and regulations.

Desirable qualifications: High level of proficiency in MS Excel, Auto CAD and demonstrated performance in any one of the advanced scientific simulation codes: GEANT4 or GIOS, SIMION etc.

Monthly fellowship: Rs 14,000 pm for first 2 years and Rs 16,000 pm for third year. In case of NET-JRF and/or GATE qualified candidates, the fellowship amount will be Rs 25,000 (first two years) and Rs.28,000 (for 3rd year). No other allowances like HRA, DA, Medical allowances etc. are payable to the JRF.

Duration: The initial appointment will be for one year which may be extended till the duration of the project based solely on evolution of performance.

Age limit: 30 years. Reserved category students will be given relaxation as per Cotton University rules.

Contract: The selected candidate will sign an undertaking to obey the terms and conditions of the fellowship. The selected candidate will be required to travel to IUAC for execution of the project as and when necessary.

DDO of the fellowship: Registrar of Cotton University

Registrar
Cotton University
Panbazar, Guwahati-781001, Assam



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How to apply and other details:

1. Interested candidates are requested to submit one page statement of interest and a detailed CV (via email only) to Prof. J J Das (jibanjdas@cottonuniversity.ac.in) with the subject line Application for IUAC JRF project.
2. Last date of submission of application: 16 th Aug 2024
3. In the statement of interest, the candidate may write about his/her past research work in the relevant area of the project he/she has done herself, his/her ideas for future research or views on the project based on literature survey etc.
4. CV should include complete information such as academic grades/percentage starting from X standard with the details of year of passing, university or college, JRF/GATE score with year, discipline, marks, All India Rank, contact details and a valid email id. Kindly mention the work experience in detail of the related field. Incomplete applications will be rejected.
5. Only shortlisted candidates will be informed via email in front of the interview committee involving IUAC nominee. Selected candidates will be intimated by email. No TA/DA will be paid for appearing in the interview if conducted in person.
6. In case of any queries related to above project, kindly contact Prof. J J Das, Department of Physics, Cotton University only by email @ (jibanjdas@cottonuniversity.ac.in).

Registrar

Registrar
Cotton University
Panbazar, Guwahati-781001, Assam

No.: CU/R&D/IUAC project(75328) / Prof. J.J.Das/2024/93/ 7148 - 56 Dated: 14.08.2024

Copy for information and necessary action to:

1. PS to Vice Chancellor, CU
2. Academic Registrar, CU
3. Dean, R&D, CU
4. Dean, PCM, CU
5. Head, Department of Physics, CU
6. Prof. J J Das, PI
7. Finance Officer, CU,
8. System Manager, CU to upload this notice in the University website.
9. Office File