



Department of Physics
Cotton University, Guwahati, Assam

23rd September 2021

Advertisement for JRF Position in IUAC project

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow position (01) in a IUAC funded research project titled "Attempting to verify our hypothesis to discover new time scale for PIMS".

Major Objectives of the Project: The overall aim of the Cotton University PIMS (Positive Ion Mass Spectrometry) project is to establish a World Class Facility for Radio Carbon Dating. This project is a part of the R&D in that direction. Specifically under this project the JRF will work on development of concepts, design and fabrication of new instrumentation and their testing and off-line commissioning. The instrumentations will then be coupled to the Electron Cyclotron Resonance (ECR) Ion Source at IUAC and measure the charge exchange cross-section of specific elements of interest for PIMS purpose.

Essential Qualification: MSc in Physics or equivalent in streams like Radiation Physics

Desirables: Candidate having exposure MS excel, Auto CAD and simulation works are encouraged to apply.

Monthly Fellowship: Rs.14000/ per month for two years and for third and final year fellowship will be Rs.16000/-Per month. NET-JRF/GATE qualified persons will be paid fellowship of Rs.25000/ per month for two years and then after for third and final year will be Rs.28000/- per month. It is to be mentioned here that any other allowance like HRA, Medical, etc. will not be paid to the JRF.

Duration: Initial appointment will be for one year, which is extendable up to the duration of the project solely based on performance. Sincere and interested candidates will be encouraged to enrol for the PhD program at Cotton University.

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

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

Registrar
25/9/21
Registrar
Cotton University
Panbazar, Guwahati-781001, Assam

How to apply and other details:

1. Interested candidates are requested to submit one page write-up and a detailed CV to Prof J J Das (jibanjdas@cottonuniversity.ac.in), via email only with the subject line as "Application for JRF position in IUAC project".
2. Last Date of Application: 5 pm 30 Sept. 2021
3. 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.
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 related field. Incomplete applications will be rejected.
5. Only shortlisted candidates will be intimated by email for an interview in front of the selection committee involving IUAC nominee. Selected candidates will be intimated by email. NO TA/DA will be paid for appearing for the interview, if conducted in person.
6. In case of any query related to above project, kindly email to Prof J J Das, Department of Physics, Cotton University, Guwahati 781001, Assam

Jiban Das
23/9/21
Registrar

Cotton University

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Cotton University
Panbazar, Guwahati-781001, Assam