



University School of Basic & Applied Sciences
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Ref: QuEST/DST/Theme3/Q63/AV/Adv3

Advertisement for the posts of: 1. Junior Research Fellow (JRF) 2: Research Assistant -III (RA-III)

Applications are invited for the following posts: **1. Junior Research Fellow (JRF) 2: Research Assistant-III (RA-III)** of the Cluster project under the 'Quantum Information Technologies with ion-trap and optical lattice devices' of the ICPS, Department of Science and Technology, Government of India. Project title" " *A study of the dynamics of interacting qubits in pure and mixed states in the context of entanglement generation and in quantum measurement*". *Principal In*

Project duration: till March 2024

| | POSITION QUALIFICATIONS AND ELIGIBILITY | EMOLUMENTS (PER MONTH) |
|---|---|-----------------------------------|
| 1 | <p>Junior Research Fellow (JRF) Post Graduate Degree in Physics/Mathematics or Graduate/Post Graduate Degree in a professional course (B.Tech/M.Tech) selected through any one of the following:</p> <p>(a) Scholars who have qualified National Eligibility Tests - CSIR-UGC-NET- including lecturership (Assistant Professor) and GATE (b) Scholars who have qualified National Level Examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOD, DRDO, MHRD, ICAR, ICMR, IIT, IISC, IISER etc.</p> | 31,000/= |
| 2 | <p>Research Assistant (RA)-111 Candidates having Ph.D. degree in Physics/Mathematics or related fields are eligible to apply. Candidates with some post doctoral experience and research experience in the area of quantum information, quantum coherence, areas related to the foundations of quantum mechanics with relevant publications (at least two first author papers with more than 2 impact factor) and experience in computer programming and simulation will be preferred.</p> | 54, 000/= |
| | <p>Both the above position are completely on temporary basis and co-terminus with the project. The fellowship/emolument amount for the above positions is as sanctioned in the project and all details will be as per DST norms.</p> | |

Anu Venugopalan
 (Prof Anu Venugopalan)

Principal Investigator

10.02.2023

How to Apply:

1. Eligible candidates may apply by sending soft copy through e-mail in the given format with a cover letter showing interest along with self-attested soft copies of the mark-sheets, certificates, (from Class X onwards) and proof of research experience/publications. Full address, phone number and email address should be provided
2. A single pdf file, consisting of application form, cover letter, and all documents, must be sent to **anu@ipu.ac.in** within 30 days from the date of this advertisement. In-complete application and lack of supporting educational/experience certificates will be rejected
3. A recommendation letter from one Reference must be provided for the RA-III position

APPLICATION FORM

<https://forms.gle/Z3mhZWQT3gr4pJTY8>

Last Date of Application: 28 Feb **2023**

The date of the Interview for shortlisted candidates will be notified later.

Anu Venugopalan
(Prof Anu Venugopalan)

10.02.2023

Principal Investigator