



Ref: NQM/Qu-GEN/JRF/IITBHU/001

Date: 27.07.2026

Advertisement for JRF

Applications are invited for **Two (02) post of Junior Research Fellow (JRF)** in DST sponsored National Quantum Mission project titled "**Qu-GEN: A versatile Quantvolutional Neural Network Library for Enhanced Image Analysis on Quantum Computers**" sanctioned for a total duration of 3 years. The post is purely temporary and co-terminus with the project.

1. **Name of Position:** Junior Research Fellow
2. **Duration:** Three years (Initial appointment is for one year and can be continued for next year depending on the performance.). The post is purely temporary and co-terminus with the project.
3. **Emoluments:** 37,000 per month + HRA @20%
4. **Minimum Essential Qualifications:**
 - M.E./M.Tech or equivalent in CSE/IT/AI/ECE/EE/allied branches with a minimum of 60% marks or 6.0 CPI (on a 10 point scale) + GATE/NET qualified. OR
 - B.E./B.Tech or equivalent in CSE/IT/AI/ECE/EE/allied branches with a minimum of 75% marks or 7.5 CPI (on a 10 point scale) + GATE/NET qualified.
5. **Age limit:** 28 years (5 years relaxation for female/SC/ST/ Physically Handicapped, 3 years for OBC-NCL candidate or as per Gol norms)
6. **Last date of receiving the application:** Within **21** days of the advertisement.

Application Procedure:

Make a single PDF file with the application form (given on the next page) along with self-attested copies of all relevant qualification certificates, mark sheets, experience certificates, age-proof, and other relevant documents, and email it to the Principal Investigator (PI), **Dr. Aparajita Khan** at aparajita.cse@iitbhu.ac.in. The application should be strictly according to the attached format and must **reach within 21 days of the advertisement**. Candidates should write "**Application for JRF NQM 2026**" in the subject of the email and **must fill the Google form:** <https://forms.gle/rDTnohhWRZMPdip8>. Only the shortlisted candidates will be intimated by email. Document verification with the original will be done at the time of the interview.

Desirable Skills/Experiences: Coding experience of deep learning; conceptual understanding of deep learning and Optimization. Familiarity with quantum computing libraries (Qiskit, PennyLane) will be an added advantage.

General Instructions:

1. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience.
2. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
3. Original certificates and self-attested copies of all certificates need to be presented before the interview for verification.
4. No TA/DA will be paid if called for an interview.
5. Venue of Interview: Department of Computer Science & Engineering, IIT (BHU), Varanasi.
6. The candidate may have the chance to pursue Ph.D. in Computer Science & Engg. while serving as a Junior Research Fellow (JRF) in the Computer Science & Engineering Department at IIT (BHU), Varanasi.
7. Also refer to the website: www.iitbhu.ac.in/positions available.

Contact Details

Dr. Aparajita Khan
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