



**Research & Development**  
**Indian Institute of Technology Guwahati**  
Guwahati-781039, Assam

Applications are invited for ONLINE Interview over Microsoft Teams for the **contractual post of Junior Research Fellow (JRF)** in a DST-SERB sponsored project entitled, “**Study of quantum noise control techniques using Low Density Parity Check codes**” in the Department of Electronics and Electrical Engineering, IIT Guwahati.

Project Title	<b>Study of quantum noise control techniques using Low Density Parity Check codes</b>
Sponsor	SERB
Project Staff Designation	JRF (GATE/NET)
Number of Vacancies	1
Basic Pay (INR)	31000
HRA (INR)	As per Norms
Duration of Appointment	6 months (Extendable based on performance and requirement)
Minimum Qualification	Post Graduate Degree in basic science (PH/MA/CS or equivalent) OR Graduate/Post Graduate degree in Professional course (EE/EC/CS or equivalent) selected through a process described through any one of the following: a. Scholars who are selected through National Eligibility Test – CSIR- UGC NET including lectureship (Assistant Professorship) and GATE b. The selection process through national level examinations conducted by Central Government department and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.  M.Tech. in relevant specialization also can apply.
Desirable Qualification	1. Knowledge of Quantum computation/ error correction. 2. Knowledge of classical error correction codes/ LDPC codes. 3. Good programming skills (Preferably Python) 4. Interested in research and higher education
Application Deadline	11:59 PM January 09, 2023 (Monday)
Interview Date	5:00 PM onwards January 10, 2022 (Tuesday)

**How to apply:** The candidates have to send their CV giving details of all educational qualifications, experience, postal address, mobile no., email id, etc. **by 09<sup>th</sup> January 2023 (Monday)** to the Principal Investigator (PI) at the following email address with subject line “**Application for JRF (GATE/NET) Position**”. Shortlisted candidates will be called for online interview only through e-mail which will also contain the interview schedule and Microsoft Teams link.

**Selection process:** Selection will be based on the performance of the candidate in the interview.

For any clarification, Contact Dr. Arun B Alosious, Principal Investigator through email.

Email	<b>aloshious@iitg.ac.in</b>
Phone	0361-258-3276
Website	<a href="https://www.iitg.ac.in/eee/arunb.html">https://www.iitg.ac.in/eee/arunb.html</a>

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**HOS (R&D)**