

Quantum Research Park

QuRP invites applications for the following post, purely on a contractual temporary basis. The appointment is initially for one year but extendable upon satisfactory performance.

Designation: Project Scientist

Project Title: Electrical charging of quantum dots in a photonic device.

Essential Qualification: Ph.D. in Electrical Engineering/Physics/Materials Engineering/MTech in Electrical Engineering or equivalent with experience in the development and characterization of devices.

Preferred experience: Electrical measurements and characterization of devices particularly nanomaterial-based devices. **Optional:** Knowledge of device fabrication and optics is desirable.

Age: 25 to 35 years

Remuneration: The Salary will be fixed within INR 65000-80000 / per month (consolidated) based on the candidate's qualifications, experience, and suitability. The position is full-time, temporary, and contractual.

Job Location: Indian Institute of Science, Bangalore.

Job description:

1. Building basic measurement/characterization equipment for FETs
2. Design, fabrication, and characterization of FETs using available nanocrystal materials.
3. Integration and addressing of single nanocrystals into FET architectures.
4. Simultaneous electrical and optical property measurements.


Selection Process: Shortlisted candidates will be interviewed to determine their suitability for this research.

Interested candidates may fill out the online form <https://forms.gle/9WJPCiUEdcesFW3G8> on/before Monday, 10th April 2023, 11:55 PM.

Short-listed candidates will be called for an interview.

Quantum Research Park (QuRP)

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