



## Advertisement for Project Scientist and Post-Doctoral Fellow positions

7<sup>th</sup> April 2023

We invite applications for multiple positions to work on theoretical and experimental projects in **quantum information processing and quantum computation**. Preferred expertise and other specifications are given below. Appointment will be on a contractual and temporary basis. Initial appointment will be for one year but extendable upon satisfactory performance.

**Designations:** [Project Scientist](#), [Senior post-doctoral fellow](#) & [post-doctoral fellow](#)

**Education Qualification:** [\(1\) Ph.D. in Physics / Mathematics with expertise in quantum algorithms and quantum simulations](#)

To work on developing new quantum algorithms for quantum simulation of high energy quantum physics and dynamics in chemical complexes (not limited).

[\(2\) Ph.D in Experimental Physics / Quantum Optics with expertise in single and entangled photons generation using SPDC process.](#)

To work on project related to photonic quantum computation (discrete variable) and quantum imaging, quantum information processing using hyper-entangled states .

**Age:** 25 – 35 years

**Remuneration:** Salary will be fixed based on candidate's qualifications and experience. It can range from Rs. 65000 – 100000 / month (consolidated).

**Job Location:** Quantum Optics and Quantum Information Processing Laboratory, IISc

**Interested candidates can submit their CV using the following link.**

<https://forms.gle/6DHTuKXqdah1orRP8>

**Shortlisted candidates will be contacted for the interview. Positions will remain open until filled.**