

Institute of Physics, Bhubaneswar

APPLICATIONS INVITED FOR ONE POSITION

Applications are invited for *One Research Associate* position to work in a DST funded project in the QuST program under “Quantum Information Technologies with Photonic Devices”.

Essential and desirable qualifications:

- **Research Associate** : The applicant must have obtained Ph.D. in Physics/Mathematics from a recognized University and have expertise in Quantum Information and Quantum Foundations. A post-doctoral experience of 1 or 2 years would be desirable.

Duration : Initial appointment of the candidate will be for 1 year, extendable on annual basis depending on the performance of the candidate, up to two years or upon termination of the project, whichever occurs earlier. The project position is co-terminus with the above project.

Fellowship : As per IOP and DST guidelines.

Project Description : The main focus of this project will be to study different Quantum Information processing protocols, developing new techniques and understanding the role of genuine Quantum features. Study of Nonlocality and quantification of correlations will be other goals.

Starting date : Candidate can join from April 1, 2021. Exact date is negotiable.

Applications with complete bio-data should be sent by email to agrawal@iopb.res.in. Along with biodata, applicant should also send a Note on Experience, where he/she can provide information about any desirable/preferable experience for this project that they may have. Two recommendation letters should also be included. All documents should be sent to agrawal@iopb.res.in before the last date.

Last Date of Receipt of complete application and all recommendation letters : **7th March, 2021**.

Shortlisted candidates will be intimated by email and called for a presentation at the Institute of Physics, Bhubaneswar or by skype.

Accommodation inside the campus is subjective to the availability. HRA would be given at applicable rate for the candidates staying outside the campus.