

07 December 2020

Notification for Junior Research Fellow – Physics

Project funded by the SERB - Startup Research Grant

Ref: IITPKD/2020/033/PHY/AKP

- **Project areas:** Quantum Information Theory, Quantum Computation, Quantum Many-Body Physics and Open Quantum Systems. The project will focus on characterizing entanglement in noisy quantum error correcting codes.
- **Required skills:** The candidate has to have good overall knowledge in Physics, with a special interest and aptitude in Quantum Physics. Good computation skills and prior knowledge of programming languages such as C/ C++/ Python/ Fortran are preferred.
- **Eligibility:** Master's degree in Physics from a reputed Institute/ University with overall good academic records. Qualification in a DST recognized National Eligibility Test like GATE/ JEST is preferred.
- **Appointment duration:** Initially for one year with the possibility of extension, depending on satisfactory performance of the candidate and availability of funds.
- **No. of Positions:** One
- **SalaryParticulars:** The monthly remuneration for this position will be Rs. 31,000/- (Thirty One Thousand Rupees Only). Hostel accommodation may be provided at the institute based on availability on a chargeable basis. In case of non-availability of institute hostel, admissible HRA at 8% will be provided as per Government of India rules.
- **Deadline for application:** 20 December 2020 (Sunday)

Candidates satisfying the required skills may send their resumes to “amit@iitpkd.ac.in”. The subject of the application e-mail should be **Application for Junior Research Fellow - IITPKD/2020/033/PHY/AKP**.
