



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
RESEARCH THIRUVANANTHAPURAM**
Maruthamala PO, Vithura, Thiruvananthapuram 695551

Recruitment for posts of Junior Research Fellow

Indian Institute of Science Education and Research Thiruvananthapuram is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for promotion of high-quality science education and research in the country.

The Institute invites applications for the following positions on contract basis:

Name of Post	Junior Research Fellow
Name of Project	Quantum point contact charge amplifiers embedded in a planar superconducting microwave resonator: Quantum-limited charge sensing and counting
Funding agency	STARS-MoE
Minimum Educational qualification (as prescribed by the funding agency)	Master's degree in Physics with a minimum of 75% marks (a) Qualified National level eligibility exams, such as UGC-NET/JEST/GATE Or (b) Master's degree in Physics with a minimum of 75% marks from institutions such as IITs / IISc / IISERs etc where the selection process is through a National level examinations conducted by MoE or its Agencies.
Preference	The project involves fabrication of nanoscale devices in cleanroom atmosphere and conduct low temperature high-frequency electrical transport measurements and, experience in these fields is highly desirable. Preference will be given to those candidates with hands on experience on (i) semiconductor device processing, fabrication techniques such as photo-lithography, electron-beam lithography, metallization, etching (ii) Electrical and Electronic instrumentation, Computer interfacing (iii) electrical characterization techniques, cryogenic instrumentation, low temperature measurements.
Number of posts	01
Fellowship amount	31000/- + HRA p/m
Tenure of the post	01-Year
Age	30 Years or below as on the closing date of application, Age relaxation as per GOI rules for candidates belonging to SC/ST/OBC.
Last date	5 th DEC 2021
How to apply	Please send by e-mail with the subject line STARS-JRF-<your last name> to madhu@iisertvm.ac.in the following details as a single PDF file (i) A complete CV containing contact details, all the academic details, and name and contact numbers of two referees. (ii) Copies of certificates and scorecards showing the eligibility

The shortlisted candidates will be informed by email on details of interview date, time and venue and it will also be put up on the website www.iisertvm.ac.in.

A printed copy of the application form sent by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at the time of interview.

Applicants must bring all certificates (original + one copy) at the time of interview for the purpose of verification.

General Information

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISERThiruvananthapuram.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader/ Principal Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.